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rvsMVS

Release 05.04.04

Messages and Codes

This documentation is valid for rvsMVS release 5.0 and higher.

For rvsMVS the following documentation is provided:

rvsMVS Installation Manual (English)
> Installation of rvs. Useful for System Programmers

rvsMVS Benutzer Handbuch (German)
> Manual for rvs Users

rvsMVS User Manual (English)
> Manual for rvs Users

rvsMVS Operator Handbuch (German)
> Manual for rvs Operator

rvsMVS Operation Manual (English)
> Manual for rvs Operator

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1. <u>Introduction</u>

This manual describes Messages, User Sense Codes and Abend Codes of rvsMVS.

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2. rvs User Codes

In event of an error during transmission of data sets, rvs user codes are set by data input/output routines or - in event of serious errors - subtasks of the monitor will terminate with rvs user codes.

These Codes are indicated by the rvs Monitor. They also appear by listing the transmission history, by means of program DF078A00.

As a rule, messages precedes an abnormal condition during a transmission, indicating the type of error.

Code (decimal)	Code (hexadecimal)	Meaning
004	004	Abort because of line error or cancel by operator.
008	008	Abend because data cannot be read from input data set or cannot be written to the output data set (in most cases the required disk volume cannot be accessed because it is reserved by other jobs). Another reason may be the priority of rvs, if this priority is too low.
012	00C	Error during dynamic allocation or a header record has been received containing invalid values.
016	010	The requested disk is not mounted, or the data set has not been found on the specified volume (BTAM).
020f	014	An I/O error has occurred during reading a data set (BTAM). The data set has not been found on the specified volume (VTAM).
024	018	An I/O-Error occurred during writing to a data set (BTAM). An I/O-Error occurred during writing to or reading from a data set (VTAM).
028	01C	An I/O-Error occurred when a data set is rewound during restart processing.
032	020	During restart, a block number (or record number) has been specified which is larger than the number of blocks/records of the entire data set to be transmitted.
036	024	During restart a block number (or record number) has been specified which exceeds the number of blocks/records already received.
040	028	A restart has been requested although the data set has not yet been transmitted.
044	02C	The sequence number of a received line block is out of sequence.

048	030	Error during the try to add a new record to the control data set.
052	034	Error when opening the data set to be transmitted or received.
056	038	During a data interchange with IBM/34 or /36 computer the maximum record length of 2000 bytes has been exceeded.
060	03C	Invalid record format specified in the rvs protocol header record (H-record).
064	040	LRECL or BLKSIZE has not been specified in the rvs protocol header record (H-record).
068	044	The BLKSIZE specified in the rvs protocol header record (H-record) exceeds the track capacity of the used disk - a deblocking is not possible.
072	048	The record count specified in the rvs protocol header record (H-record) does not match the required record number of the rvs protocol answer record (A-record).
076	04C	The data set could not be opened.
080	050	The number of the received bytes or records does not match the byte or record count in the rvs protocol trailer or response record.
084	054	During receiving of an rvs protocol data record (D-record), the length field contains a data length, which exceeds the line buffer size or a data record has been received and a length field contains an invalid or inconsistent value (see the error message of the monitor which describes the error in detail).
088	058	During expanding data, a record length was found which exceeds the blocksize of the received data set.
092	05C	A field in rvs protocol header record (H-record) has an invalid format.
096	060	Error during data compression.
100	064	Only in case of PDS transfer: a PDS is to be sent but the remote station does not support PDS transfer, or a PDS is to be received and loading of the PDS failed.
104	068	A file is to be received and cataloged after transmission, but a file with the same name already exists or is currently in transmission. Receiving of this file will be rejected.
108	06C	The transmission of a file is rejected by exit DFUX001. This mostly means that the user is not allowed to send or receive the data set (access denied by security system).
112	070	The REPLACE option has been specified but the necessary space could not be obtained in the receiving station.

116	074	A data set is to be received in a remote station and transferred to a final destination. This final station is not defined within the station table of the remote station.
117	075	A data set is to be received in a remote station and transferred to a final destination. The transmission is interrupted, demigration is initiated.
118	076	A data set is to be received in a remote station but an I/O error occured.
120	078	A data set is to be received in a remote station but the originator of the file is not defined within the station table of the remote station.
124	07C	A data set is to be transmitted via ODETTE FTP. The name of the file does not comply with the coding rules of OFTP data set names.
128	080	A data set is to be transmitted via rvsMVS FTP. A PDS file is to be sending, but rvsMVS FTP does not support PDS file transfer.
132	084	A data set is to be transmitted via rvsMVS FTP. Invalid format of HFID control record.
136	088	A data set is to be transmitted via rvsMVS FTP. A file is to be received and catalogued after transmission, but a file with the same name is already existing (catalogued). Receiving of this file will be rejected.
140	08C	A data set is to be transmitted via rvsMVS FTP. FTP check routines find error conditions in FTP control output file (connection error).
144	090	A data set is to be transmitted via rvsMVS FTP. FTP check routines find error conditions in FTP control output file (other error).
148	094	A data set is to be transmitted via rvsMVS FTP. Send of FTP control file (HFILE) ended with error.
152	098	A data set is to be transmitted via rvsMVS FTP. FTP Server Task: Origin data set not found.
160	0A0	A data set is to be transmitted via rvsMVS FTP. FTP Server Task - checking of HFID record: Invalid syntax.
164	0A4	A data set is to be transmitted via rvsMVS FTP. FTP Server Task - checking of HFID record: Invalid origin.
168	0A8	A data et is to be transmitted via rvsMVS FTP. FTP Server Task - checking of HFID record: Invalid destination.

172	0AC	A data set is to be transmitted via rvsMVS FTP. FTP Server Task - checking of HFID record: maximal length of record not supported.
176	0B0	A data set is to be transmitted via rvsMVS FTP. FTP Server Task - checking of HFID record: data set already catalogued.
180	0B4	A data set is to be transmitted via rvsMVS FTP. FTP Server Task - checking of HFID record: unspecified reason.
188	0BC	A data set is to be transmitted via rvsMVS FTP. File open error.
192	0C0	A data set is to be transmitted via rvsMVS FTP. Allocations control file(s) error.
196	0C4	A file is to be sent using the Odette File Transfer Protocol (OFTP). The local (own) station has initiated the connection to the remote station. But sending of the file is not possible because the remote station does not accept such kind of file. (receive capability not indicated whithin SSID - e.g. PDS or "retain U-Format" option). The send request is cancelled.
200	0C8	The name of the file which was sent / received is invalid.
201	0C9	The destination of the transmission is invalid.
202	0CA	The origin of the transmission is invalid.
203	0CB	The record format of the file isn't supported.
204	0CC	The maximal record length of the file isn't supported.
205	0CD	The size of the file is too big.
206	0CE	The sent record count is invalid.
207	0CF	The sent byte count is invalid.
208	0D0	Access method error.
209	0D1	Duplicate file name
210	0D2	Restriction error (ULS)
211	0D3	Permission error (ULS) / Transmission rejected by receiver, security functions not supported
212	0D4	Transmission rejected by receiver, unspecified reason
213	0D5	Transmission rejected because of security function
214	0D6	Transmission abended, connection with remote station interrupted
215	0D7	Transmission abended, encryption error

216	0D8	Transmission abended, decryption error
217	0D9	A dataset with the same VDSN and queuing time was already sent to the remote station.
218	0DA	Try to sent a file (as router) which was received as OFTP 1.4 / 2.0 transmission via a OFTP connection with level 1.3 or less.
219	0DB	Transmission abended, ESID with errorcode sent/received.
220	0DC	Transmission abended, SFNA sent/received.
221	0DD	Transmission abended, EFNA sent/received.
222	0DE	Transmission abended, NERP sent/received.

3. rvs Abend Codes

In the event of serious errors, subtasks of the rvsMVS Monitor or rvsMVS Utility Programs terminate abnormally. The following codes may appear:

Code (decimal)	Code (hexadecimal)	Meaning
280	118	This ABEND is coded in the program DF028C00. The allocation of a work data set for automatic job start was not possible.
282	11A	This ABEND is coded in the program DF028C. The code may occur:

<div></div>

a)   during accessing (OPEN, READ) the member:
RVS.TABLES(STAPEJC)
RVS.TABLES(RTAPEJC)

b)   during writing received data to the sysout queue.

c)   during starting a reader in order to initiate jobs to copy data from tape to disk (transmitting a tape) or to copy received data from a workfile to a tape (see: rvsMVS Installation Manual).

310	136	This ABEND is coded in the program DF031C. The abend may occur during processing of command 'MSGOUT'. If DD-statements SYSWTO and/or RVSDUMP are assigned to sysout-classes, these files are closed and unallocated. The following allocation of these files or open processing failed in this case. The monitor is no longer operational and thus terminated abnormally. The dump of this abend should be kept for determination why the allocation (or open) was failing.
340	154	This ABEND is coded in the program DF034K00. The code may occur if:

a)   the number of data set blocks of the data set to be transmitted could not be computed. This may happen if the data set is not available. The number of data set blocks is used in order to allocate space at the remote station for the data set to be received.

b)   the number of data set blocks exceeds a halfword count value of 65535. Reblock or split the data set.

346	15A	This ABEND is coded in the program DF034Mxx. This code is related to 'Host - non IBM computer' transmissions. The logical record length of the data set to be transmitted exceeds the maximum blocksize of the line buffer. See message DF3412E.

350	15E	This ABEND is coded in the program DF035Kxx. For this transmission rvs uses a protocol with data compression and sequence indication of the transmitted data set blocks. The ABEND code indicates that the received data set blocks are out of sequence.
351	15F	This ABEND is coded in the program DF035Kxx. After data set transmission the number of received bytes is not equal to the number of bytes specified by the transmitter.
352	160	This ABEND is coded in the program DF035Mxx. rvs protocol record mismatching: A 'data record' has been received without a preceding 'header record'.
353	161	This ABEND is coded in the program DF035Mxx. In the rvs protocol 'header record' an invalid record- or block length has been specified by the transmitting station.
354	162	This ABEND may occur after reception of a data set: the received data set could not be closed. As a result of this error, no response record will be sent back to the sending station. The transmission must be repeated, a restart is not possible in this case. The transmission will be marked as "abended" with a record count of zero.
355	163	This ABEND is coded in the program DF035xxx. During the initialization phase of a transmission the receiving station creates an active receive record. An error occurs during the try to insert the record in the rvs control data set. See Operations Manual, Chapter 5.5, Eliminating Physical Errors of the Control Data Set.
360	168	This ABEND is coded in the program DF036Bxx. Should not occur error.
370	172	This ABEND is coded in the program DF037Bxx. Should not occur error.
371	173	This ABEND is coded in the program DF037Bxx. Occurs in relation with Dynalloc error 420 (see OS/VS2 MVS Job Management). Should not occur error.
470	1D6	This ABEND is coded in the program DF047Axx. Should not occur error.
490	1EA	This ABEND is coded in the program DF049Dxx. The rvs command 'DQ' has been entered to display the data sets queued for transmission (active send requests). During reading the active send request entries of the rvs control data set an error occurred.
520	208	Abend within the rvs dispatcher routine (posted ECB not found). Should not occur error.
521	209	Abend within the rvs dispatcher routine (stations table not available). Should not occur error.

540	21C	An error occurred during access to the rvs Control Data Set. A MODCB, GENCB or SHOWCB macro could not be executed or the control data set could not be opened. This abend may occur if a new Control Data Set has been created, but not initialized. If this abend occurs within the ISPF-panels of rvs, the reason may be insufficient access authority for the rvs control data set (required authorization: ALTER).
545	221	This ABEND is coded in the program DF054Cxx. The rvsLOG Data Set is full. Use procedure PDF0014A (see INSTALLATIONS MANUAL) to reset the data set.
546	222	This ABEND is coded in the program DF054Cxx. The installation exit DFUX001 ended with a nonzero return code.
550	226	This ABEND is coded in the program DF054Cxx. An error occurred during access to the rvs control record. A record was found in the control data set that could not be de-compressed. Please use program DF144A to find and delete the incorrect record(s).
551	227	This ABEND may occur after activation of a BSC line. During initialization of the line control program, a BTAM terminal list could not be created because there are too many entries within the rvs stations table which have defined this line as a subchannel to be used. The maximum of 200 station table entries is exceeded.
561	231	This ABEND is coded in the program DF056Bxx. During initialization of a transmission the BTAM line control was not able to switch from receive to send, by RESETPL.
563	233	This ABEND is coded in the program DF056Bxx. The program profile specified does not exist in the member PROGPROF of the rvs.TABLES Data Set.
565	235	This ABEND is coded in the program DF056Bxx. Error during update the rvs control data set.
566	236	This ABEND is coded in the program DF056Bxx. Too many stations defined for a line. Should not occur error.
580	244	This ABEND is coded in the program DF058Axx. During the initial phase of the RJE protocol no related entry could be inserted in the rvs control data set. No program output is send back.
591	24F	This ABEND is coded in the program DF059Cxx. The rvsMVS monitor is searching for a disk UCB but no disk UCB has been found.
599	257	This ABEND is coded in the program DF059Cxx. During the termination of a transmission the transmission related active

		send request record must be updated but an error occurred in this situation.
640	280	An error occurred during access to the rvs Key Data Set. A MODCB, GENCB or SHOWCB macro could not be executed or the control data set could not be opened. This abend may occur if a new Key Data Set has been created, but not initialized.
645	285	This ABEND is coded in the program DF054Kxx. The rvsKEYLOG Data Set is full.
646	286	This ABEND is coded in the program DF054Kxx. The installation exit DFUX001 ended with a nonzero return code.
650	28A	This ABEND is coded in the program DF054Kxx. An error occurred during access to the rvs control record. A record was found in the control data set that could not be de-compressed.
660	294	This ABEND is coded in the program DF066Bxx. An error occurred during allocating the rvs control data set or the partitioned data set containing the member stations table.
661	295	This ABEND is coded in the program DF066Bxx. Should not occur error.
740	2E4	An error occurred during access to the rvs User Data Set. A MODCB, GENCB or SHOWCB macro could not be executed or the user data set could not be opened. This abend may occur if a new User Data Set has been created, but not initialized. If this abend occurs within the ISPF-panels of rvs, the reason may be insufficient access authority for the rvs user data set (required authorization: ALTER).
745	2E9	This ABEND is coded in the program DF054Xxx. The rvs USERLOG Data Set is full.
746	2EA	This ABEND is coded in the program DF054Xxx. The installation exit DFUX001 ended with a nonzero return code.
750	2EE	This ABEND is coded in the program DF054Xxx. An error occurred during access to the rvs user record. A record was found in the control data set that could not be de-compressed.
760	2F8	This ABEND is coded in the program DF076Axx. Invalid internal PARM length. Should not occur error.
762	2FA	This ABEND is coded in the program DF076Axx. An invalid keyword has been specified in the PARM string.
763	2FB	This ABEND is coded in the program DF076Axx. No entry specified in PARM string.
764	2FC	This ABEND is coded in the program DF076Axx. Invalid data set name specification.

765	2FD	This ABEND is coded in the program DF076Axx. Invalid station id specification.
766	2FE	This ABEND is coded in the program DF076Axx. Invalid record type specification.
771	303	This ABEND is coded in the program DF077Cxx. The data set assigned to the SYSPRINT DD statement could not be opened.
772	304	This ABEND is coded in the program DF077Cxx. The load of the module DF067A was not successful. DF067A contains the names of the data sets which are to be allocated dynamically.
773	305	This ABEND is coded in the program DF077Cxx. No jobs PDS specified in the dynamic allocation module DF067A. This PDS contains data set related JOB's which are to be started after reception in order to process these data sets. In later rvs releases (since rvs-OS Release 3.2) it is also possible to specify Partitioned Data Sets in the resident receive entries.
774	306	This ABEND is coded in the program DF077Cxx. The module DF067A contains no valid dsname entry for a PDS containing JOB's to process the received data sets.
840	348	An error occurred during access to the rvs Log Data Set (USP – User Separation). A MODCB, GENCB or SHOWCB macro could not be executed or the log data set could not be opened. This abend may occur if a new Log Data Set has been created, but not initialized. If this abend occurs within the ISPF-panels of rvs, the reason may be insufficient access authority for the rvs log data set (required authorization: ALTER).
845	34D	This ABEND is coded in the program DF054Yxx. The rvs LOGLOG Data Set is full.
846	34E	This ABEND is coded in the program DF054Yxx. The installation exit DFUX001 ended with a nonzero return code.
850	352	This ABEND is coded in the program DF054Yxx. An error occurred during access to the rvs log record. A record was found in the control data set that could not be de-compressed.
901	385	This ABEND is coded in the program DF090Axx. Should not occure error. The execution of a MODCB macro failed.
902	386	This ABEND is coded in the program DF090Axx. Should not occur error. Posted ECB not found.
904	388	This ABEND is coded in the program DF090Axx. Should not occur error. Error during LOSTTERM exit processing.
905	389	This ABEND is coded in the program DF090Axx. Should not occur error. Branch table overflow.

908	38C	This ABEND is coded in the program DF908Bxx. The load processing to fetch the module DF080A00 failed.
916	394	This ABEND is coded in the program DF090Axx. Should not occur error. The execution of the SHOWCB macro failed.
990	3DE	This ABEND is coded in the program DF099Axx. Should not occur error. An error occurred during establishing a rvs VTAM session (OPENDST processing).
991	3DF	This ABEND is coded in the program DF099Axx. Should not occur error. An error occurred during OPENDST while processing a INQUIRE macro.
992	3E0	This ABEND is coded in the program DF099Axx. Should not occur error. Posted ECB not found in the multiple wait routine.
993	3E1	This ABEND is coded in the program DF099Axx. A VTAM macro ended with failure.
994	3E2	This ABEND is coded in the program DF099Axx. During start of a RPL request this RPL was still active.
996	3E4	This ABEND is coded in the program DF099Axx. A RPL request has been posted but it could not be assigned to any station.
997	3E5	This ABEND is coded in the program DF099Axx. The session could not be established (no answer to a BIND command).
1000	3E8	This ABEND is coded in the program DF925Axx. In case of this error the SYSPRINT DD statement has not been specified.
1001	3E9	This ABEND is coded in the program DF907Axx. Any parameter of the parm field is invalid.
1002	3EA	This ABEND is coded in the program DF907Axx. The DYNALLOC macro terminated with a non zero return code.
1003	3EB	This ABEND is coded in the program DF907Axx. Dynamic allocation error. See message DF9071E
1004	3EC	This ABEND is coded in the program DF907Axx. An invalid PARM keyword has been specified.
1010	3F2	This ABEND is coded in the program DF075Cxx. Invalid internal PARM length. Should not occur error.
1011	3F3	This ABEND is coded in the program DF075Cxx. A blank in the PARM string is not allowed.
1012	3F4	This ABEND is coded in the program DF075Cxx. An invalid keyword name has been specified in the PARM string.

1013	3F5	This ABEND is coded in the program DF075Cxx. An internal text constant in the program output format has been invalid specified. Should not occur error.
1014	3F6	This ABEND is coded in the program DF075Cxx. The PARM characters must be alphabetic.
1015	3F7	This ABEND is coded in the program DF075Cxx. The PARM characters must be numeric.
1016	3F8	This ABEND is coded in the program DF075Cxx. If specifying hours the PARM characters must be numeric.
1017	3F9	This ABEND is coded in the program DF075Cxx. If specifying minutes the PARM characters must be numeric.
1018	3FA	This ABEND is coded in the program DF075Cxx. If specifying lines the PARM characters must be numeric.
1019	3FB	This ABEND is coded in the program DF075Cxx. If specifying the list level (LVL=) the PARM characters must be alphanumeric or alphabetic.
1022	3FE	This ABEND is coded in the program DF022Bxx. The number of relay stations exceeds the maximum limit of 66. (Check the number of 'VIA' and 'BACKUP' stations specified in the stations table).
1050	41A	This ABEND is coded in the program DF078Cxx. See rvs User Code 1010.
1051	41B	This ABEND is coded in the program DF078Cxx. See rvs User Code 1011.
1052	41C	This ABEND is coded in the program DF078Cxx. See rvs User Code 1012.
1053	41D	This ABEND is coded in the program DF078Cxx. See rvs User Code 1013.
1054	41E	This ABEND is coded in the program DF078Cxx. See rvs User Code 1014.
1055	41F	This ABEND is coded in the program DF078Cxx. See rvs User Code 1015.
1056	420	This ABEND is coded in the program DF078Cxx. See rvs User Code 1016.
1057	421	This ABEND is coded in the program DF078Cxx. See rvs User Code 1017.
1058	422	This ABEND is coded in the program DF078Cxx. See rvs User Code 1018.

1059	423	This ABEND is coded in the program DF078Cxx. See rvs User Code 1019.
1060	424	This ABEND is coded in the program DF106Cxx. Error during decompressing received data records.
1200	460	This ABEND is coded in the program DF112Bxx. During expanding compressed data the output buffer size has been exceeded.
1201	461	his ABEND is coded in the program DF121Axx. The number of the storage information areas or the number of the CSA subpool descriptors exceeds the boundary. Should not occur error.
1510	5E6	This ABEND is coded in the program DF151Axx. Invalid specification of PARM entry.
1511	5E7	This ABEND is coded in the program DF151Axx. Error during execution of the PUT RPL or SHOWCB macro. Should not occur error.
1512	5E8	This ABEND is coded in the program DF151Axx. Error during execution of the GENCB, OPEN ACB or CLOSE ACB macro. Should not occur error.
1662	67E	This ABEND is coded in the program DF066Bxx. The module DF067A could not be found. This module must be available in order to allocate data sets dynamically. The module contains data sets and if required passwords of data sets which are to be allocated. See rvsMVS Operations Manual - rvsDYN macro.
1690	69A	This ABEND is coded in the program DF169Axx. The SYSPRINT DD statement is missing (only if used as BATCH PGM).
1691	69B	This ABEND is coded in the program DF169Axx. This abend occurs in different cases: i.e. if no JOB name of the transmitted JCL is not available or if the output data set could not be transmitted or if an error occurs during execution of the RDJFCB macro or if the OPEN of the input or output data set fails.
1720	6B8	This ABEND is coded in the program DF072A00 (PDF0014A). This abend indicates that the rvs Control Data Set is damaged. The rvs Control Data Set must be recovered (Procedure PDF0015A). Before running Procedure PDF0015A, the SHAREOPTIONS-Parameter used for definition of the Control Data Set should be checked, the value must be "SHR=(4 3)".
1723	6BB	This ABEND is coded in the program DF072A00. Open error in module DF172A00 (PDF0015A).
1730	6C2	This ABEND is coded in the program DF072A00. VSAM error in module DF173A00 (PDF0015A).

1733	6C5	This ABEND is coded in the program DF073A00. Open error in module DF173A00 (PDF0015A).
1734	6C6	This ABEND is coded in the program DF073A00. This ABEND occurs in different situations: if the OPEN of the KDSAVE or KD data set fails or if the VSAM PUT macro fails or if the data set KDSAVE is empty or if the OPEN of the data set rvsLOG fails.
1790	6FE	This ABEND is coded in the program DF079C00. The program DF079C00 (initialization or reorganization the control data set) has been executed. The error occurred during checking the PARM-string.
1791	6FF	This ABEND is coded in the program DF079C00. The program DF079C00 (initialization or reorganization the control data set) has been executed. The error occurred during updating the control data set (GET, PUT, OPEN, CLOSE).
1792	700	This ABEND is coded in the program DF079C00. The program DF079C00 (initialization or reorganization the control data set) has been executed. The error occurred during executing the macros SHOWCB, GENCB or PUT RPL.
1793	701	This ABEND is coded in the program DF079C00. The program DF079C00 (initialization or reorganization the Control Data Set) has been executed. The first record of the Control Data Set (used to initialize the data set) does not exist.
1800	708	This ABEND is coded in the program DF080A00. During initialization, the 'parameterrecord' could not be obtained from the rvs Control Data Set (This parameterrecord contains installation dependent parameter values (rvs startparameters) used by the program). The 'parameterrecord' is created (updated) during each start of the rvs monitor. Occurrence of this error may be solved by starting the rvs monitor at least one time before execution of DF080A00.
1801	709	This ABEND is coded in the program DF080A00. The data set which is specified in the SYSPRINT DD statement could not be opened.
2401	961	This ABEND is coded in the program DF024Bxx. Error in the parm entry of the program DF024A00. This program copies a received data set to a tape or a data set which is to be transmitted to a disk. The entries of the members RTAPEJC or STAPEJC in the information file rvs.TABLES may not have been made in the right columns.
2402	962	This ABEND is coded in the program DF024Bxx. The name of the input data set of the copy program DF024A00 is invalid.

2403	963	This ABEND is coded in the program DF024Bxx. The name of the output data set of the copy program DF024A00 is invalid.
2404	964	This ABEND is coded in the program DF024Bxx. An invalid volume number has been specified for the input data set which is to be copied by the program DF024A00.
3002	BBA	This ABEND is coded in the program DF130B00. Error in the ECB structure - a posted ECB has not been found. The abend indicates an error which should not occur. A dump is required for analysis of the problem.
3003	BBB	This ABEND is coded in the program DF130B00. The rvs log data set is completely filled (see message DF3016A).
3004	BBC	This ABEND is coded in the program DF130B00. The message output task of the rvs monitor (module DF031C) terminated abnormally, further processing of the monitor is impossible. The abend indicates an error which should not occur. A dump is required for analysis of the problem.

4. rvs Sense Codes

If during an active VTAM session a rvs protocol record is followed by a negative response the rvs protocol record flow will be interrupted and one of the following user sense codes may occur:

Code (decimal)	Code (hexadecimal)	Meaning
001	001	An unknown or invalid rvs protocol record type has been received.
002	002	A record of the Control Data Set has not been found
003	003	The data set to be transmitted is already running in another session.
004	004	Invalid feature in H- or A-rvs protocol record.
005	005	Violation of rvs protocol (invalid sequence of rvs protocol records).
006	006	Transmission cancelled by operator. The data set is set in HOLD status.
007	007	rvs block check characters of remote and local station are not equal.
008	008	Invalid format of a rvs protocol record detected.
009	009	Transmission cancelled. The remote station wants to stop the session.
010	00A	Error during reading or writing data (error in remote disk Input/Output routine).
011	00B	Password not accepted by remote station.
012	00C	Password not accepted - no exchange defined.
013	00D	Password is missing
014	00E	Remote station does not support PDS transfer or load of a PDS failed in the receiving station.
015	00F	File with identical name is already existing (cataloged). Receiving of this file is rejected.
016	010	Transmission is rejected by exit. Usually, this exit checks whether an user is allowed to send or receive a data set (access authorization).
017	011	A wrong record count in header has been received.

018	012	Lineblock is out of sequence.
019	013	Blocksize in header exceeds track capacity.
020	014	A wrong record count in trailer has been received.
021	015	Length of data exceeds line buffer.
022	016	Error during data (de-)compression.
023	017	Replace function: A data set has been received for which the space has to be enlarged. This request could not be satisfied.

4.1.   Dynamic allocation errors:

Code (decimal)	Code (hexadecimal)	Meaning
040	028	Data set is allocated to another job or user.
041	029	Unit or internal reader not available.
042	02A	Requested volume is not mounted.
043	02B	Unit name is not defined.
044	02C	Volume is not available.
045	02D	Device type does not have enough units.
046	02E	Data set associated to ddname is open.
047	02F	Data set exits on all volumes of unit group.
048	030	Insufficient space in the VTOC.
049	031	Space could not de obtained because of I/O-Error.
050	032	Absolute track is not available.
051	033	Insufficient space on storage volume.
052	034	Space request rejected by DADSM Exit.
053	035	Requested space is not available on any volume.

In case that serious errors occur which can not be handled by rvs (sense codes 004, 006 or 010) the data set to be transmitted is set into HOLD status. That means, a new attempt to transmit the data set can be initiated by the operator or by system after an appropriate time interval.

5. rvs Messages

rvs message structure

All messages of the rvs monitor contain a message code under which they are explained in this manual.

The message code has the following structure:

e.g.:

```
      DF 30 01 A    RVS OC READY
```

type of message

consecutive number

routine which generates the message

constant 'DF'

The following types of messages can occur:

A	Action required
C	an error may be present
E	an error is present
I	information
M	message of the remote station
P	message appears only in printout
U	used for display of internal trace data
W	warning
Z	additional information

Station related messages of the rvs monitor contain a function indicator, station name and - if applicable - the line address of the TP line on which the transmission is taking place.

e.g.:

```
      DF3009I   * f – R11,050 *   READY TO TRANSMIT
```

line address (subchannel)
of BTAM line

station name

active function

or

```
DF9904I   * f - R11,R2 *   SESSION TERMINATED FOR LU lu
```

indication of VTAM session

station name

active function

Active functions 'f' are:

A	the line is activated but no transmission of data is taking place
I	entry to the control data set is inserted
M	processing of operator messages
Q	scanning for data sets to be transmitted (queued requests). This character is also used for all messages which are displayed on the screen of the 'remote operator', see Installations Manual.
R	receiving of data
S	transmission of data
V	used for display of internal trace data
V	indication of speed (velocity)
T	message concerning start of rvs traces
O	message concerning stop of rvs traces

VTAM sessions are denoted by:

O	operator communication
S	transmission of data sets
R	receiving of data sets

(O,S,R indicates the type of a VTAM session)

If there is defined more than one session of the same type to the same station, the session type is followed by increasing numbers (e.g.: R1 - first receive session, R2 - second receive session etc.).

DF0001I   (nn) NO RESPONSE ON OUTGOING CALL, SID=??? LU=????????

> This message is issued by the rvs/X.25 CTCP task when no response on outgoing call is
> received. The message shows the failing request, the Logical Unit that issued the request and
> and the station identification. If a VTAM request fails for the X.25 link Logical Unit, the CTCP
> task will start termination.

DF0002I   (nn) CTCP ?????? ????????/???????? LV=??????????????

> This message is issued by the rvs/X.25 CTCP task in response to a STATUS_CTCP
> command. The message shows the status, ACB-name used by the CTCP task and the name
> of the local unit used for X.25 link communication. Also the packet size and windows size
> used for the X.25 connection is shown.

DF0101I   *T-sid* TRACE STOPPED, ALLOCATION ERROR, CODE=xxxx

> An error occurred during allocation of the trace data set. The DYNALLOC macro returned with
> the code 'xxxx'. This code is described in (OS/VS2 MVS SPL: Job Management).

DF0200I   SUBTASK STARTED FOR LU=luname CID=cid

> A subtask has been started to terminate the VTAM session (LU=luname, CID=cid). This may
> be necessary if the transmitting or receiving program is not able to terminate the session itself
> (e.g. an ABEND has occurred or the command 'B-sid' was entered).

DF0201E   * ⎰CLSDST ⎱ ISSUED/FAILED FOR LU luname RC=xx-yy FDBK=zz
**   ⎰TERMSESS⎱**
**   ⎰SESSIONC⎱**

> The message describes if the termination of the session to the logical unit represented by
> 'luname' has been successful or not.
> The meaning of the codes is:
>   xx-yy   register 15, register 0,
>   zz   feed-back-code
>
> The codes are described in ACF/VTAM Programming.

DF0301E   *** DFnnnAnn *** COMPLETION CODE FOUND *** SYSTEM sss,
**   USER uuuu**

> An non correctable error occurred. The result is the ABEND of the subtask.
>
> The codes 'sss' and 'uuu' are described in (OS/VS Message Library: VS2 System Codes and
> in this Documentation Chapter 3: rvs Abend Codes).

DF0302I   *** SNAP DUMP TAKEN ON 'rvsDUMP'

> An extensive SNAP DUMP is generated when completion codes occur, which were previously
> forced by the command DUMP SCC=xxx or DUMP UCC=xxxx.

**   ⎰STARTED⎱**
DF0401I   (nn) TRACE ⎰   ⎱ FOR X.25 MASTER LU (REMOTE STATION: sid)
**   ⎰STOPPED⎱**

A X.25 - XMLU-Trace was started/stopped. (nn) states the CTCP number, sid shows the connected station.

DF0401I   **(nn) TRACE** $\left\{ \begin{array}{c} \text{STARTED} \\ \text{STOPPED} \end{array} \right\}$ **FOR SES nnnnn (REMOTE STATION: sid)**

A trace for an X.25 or LU 6.2 station was started/stopped. (nn) states the CTCP number (in case of X.25). nnnnn shows the session number.

DF0402E   **(nn) DYNALLOC ERROR xxxx-yyyy FOR TRACE DATASET**

The message shows the error- and info code of allocation of trace data set.

DF0403E   **(nn) OPEN ERROR FOR TRACE DATASET**

The trace data set could not be open.

DF0701I   **(nn) TRACE** $\left\{ \begin{array}{c} \text{STARTED} \\ \text{STOPPED} \end{array} \right\}$ **FOR** $\left\{ \begin{array}{c} \text{SESSION} \\ \text{SOCKET} \end{array} \right\}$ **XXXXX (REMOTE STATION: XXX)**

A trace for an TCP/IP or XOT station was started/stopped.. XXXXX shows the socket/session number.

DF0702E   **DYNALLOC ERROR XXXX-YYYY FOR TRACE DATASET**

The message shows the error- and info code of allocation of trace data set.

DF0703E   **OPEN ERROR FOR TRACE DATASET**

The trace data set could not be open.

DF0801I   **BUFNO: nn, STORAGE=aaK, UNUSED=bbK, EXCNT=cc**

The message is displayed as response to the command 'DS BFPOOL' or 'DS BFPOOL,ALL'. Starting with version 2.2.05, rvs uses an own bufferpool for the OFTP components (X.25, LU6.2 and TCP/IP). This bufferpool shall help to improve performance by reducing system services GETMAIN and FREEMAIN. The bufferpool includes buffers which are not longer used, but which might be requested at a later time.
'nn' denotes the number of unused buffers within the rvs-internal bufferpool, 'aa' denotes the amount of storage occupied by all unused buffers of the pool. 'bb' denotes the storage which is still available for the bufferpool and 'cc' denotes the count for execution of the bufferpool service routine.

DF0802I   **NUMBER ADDRESS BF-SIZE CR-TIME LU-TIME USE-CNT**

The message is displayed as response to the command 'DS BFPOOL,ALL'. A detailed statistic is displayed for the rvs-internal bufferpool:
For each buffer of the bufferpool, the current buffernumber, the storage address, the buffersize (in bytes), the time since creation of the buffer (in seconds), the time since last usage of the buffer (in seconds) and the usecount of the buffer is displayed in one row.

```
                              ⎧STARTED⎫
DF0901I    FTP TRACE TASK⎨          ⎬ --- VERSION *vvv* *dd/mm/yy-tt.mm*
                              ⎩STOPPED⎭                      *aa/bb/cc*
```

Start or end message of FTP Trace routine. This program is started just after start of the FTP Main Task.

> "vvv"   - specify version of FTP Trace Task.
> "dd/mm/yy-tt.mm" - time of assembly
> "aa/bb/cc"   - time of last changes in the FTP Trace Task.

```
                            ⎧STARTED⎫
DF0902P    FTP TRACE ⎨          ⎬  FOR STATION sid
                            ⎩STOPPED⎭
```

A trace for an FTP station was started/stopped.

DF0903E   DYNAMIC (ALLOCATION/DEALLOCATION) ERROR XXXX XXXX
**   FOR FTP TRACE DATASET ??????????????????????**

The message shows the error- and info code of allocation/deallocation of trace data set.

DF0904E   ERROR DURING OPEN TRACE DATASET

The trace data set could not be open.

DF1001E   *f-sid* DATA SET NOT CATALOGED - RC = rc

The monitor has attempt to catalog a received data set. During the execution of the CATALOG macro the return code 'rc' occurs. See 'SPL OS/VS2 Data Management' for explanation of the return codes.

DF1002I   *f-sid* DATA SET HAS BEEN UNCATALOGED

A data set is uncataloged after being queued for transmission.

DF1030P   *f-sid* DEMIGRATION PROCESSING STARTED FOR dsname

A migrated data set is to be allocated (either the file to be sent or a file to be replaced during receiving) and startparameter DEMIG=HSM has been specified. 'dsname' denotes the virtual filename of the transmission. Demigration processing is handled in the same way as an allocation error: After initiating the demigration processing, the transmission will be cancelled . A send request is set into a temporary HOLD status. This message is followed by messages DF1031I and DF1032P.

DF1031I   *f-sid* RECALL COMMAND SENT TO HSM FOR dsname, RC=X'rc'

A recall command has been sent to HSM to demigrate a file to be allocated. 'rc' denotes the returncode of the ARCHRCAL macro in hexadecimal, 'dsname' denotes the virtual filename of the transmission. This message is followed by message DF1032P.

DF1032P   *f-sid* PHYSICAL DATASET NAME=dsname

   This message displays the physical data set name when a file is to be demigrated by HSM.

DF1041I   ????????

   This message will be displayed after the service program IDCAMS was called by rvs. The
   message(s) contains the SYSPRINT output of IDCAMS.

DF1091I   PROCESSING OF CODE TRANSLATION TABLES STARTED

   Reading of the internal and external code translation tables has been started. See also DD-
   statement TRNTABLES in rvs start job.

DF1098I   PROCESSING OF CODE TRANSLATION TABLES COMPLETE

   Reading of the internal and external code translation tables has been finished. See also DD-
   statement TRNTABLES in rvs start job.

DF1099P   AVAILABLE CODE TRANSLATION TABLES ARE:
DF1099P $STDA2E   STANDARD TABLE ASCII --> EBCDIC
DF1099P $STDE2A   STANDARD TABLE EBCDIC --> ASCII
DF1099P $ODTA2E   ODETTE TABLE ASCII --> EBCDIC
DF1099P $ODTE2A   ODETTE TABLE EBCDIC --> ASCII
DF1099P   tabname

   List of names of the available codetranslation tables. The first two tables are standard tables
   ASCII<-->EBCDIC with German character sets. $ODTA2E and $ODTE2A are the translation
   tables for OFTP transmission with FORMAT=TEXT. tabname is the first name of the external
   (user defined translation tables. See also DD-statement TRNTABLES in rvs start job.

DF1171E   *F-sid* UN/ALLOCATION ERROR xxxx-yyyy FOR dsn

   An error occurred during allocation or unallocation of a data set. DYNALLOC macro returned
   with errorcode 'xxxx' and infocode 'yyyy'. The codes are described in (OS/VS2 MVS SPL: Job
   Management).


```
                       ⎡DATASET ALLOCATED TO ANOTHER JOB       ⎤
                       │REQUESTED UNIT NOT AVAILABLE           │
                       │VOLUME xxxxxx NOT MOUNTED              !
DF1172E    *F-sid*    ⎨REQUESTED UNIT yyyyyyyyy UNDEFINED      ⎬
                       │VOLUME xxxxxx NOT AVAILABLE            │
                       │DS ALREADY EXISTING ON VOLUME xxxxxx │
                       ⎣ALL VOLUMES OF UNIT yyyyyyyy OCCUPIED⎦
```

   This message is always issued in relation with msg DF1171E and shows a short explanation
   of the DYNALLOC macro return code:
   xxxxxx   = volume number
   yyyyyyyy = unit number


```
                             ⎡REQUEST BLOCK        ⎤
DF1173P *F-sid/acme/sessid  * ⎨TEXT POINTERS        ⎬   ADDR=xxxxxxxx
                             ⎣TEXT UNIT (unitname)⎦
```

This message is issued in case of a dynamic allocation error. It will display the contents of the used SVC 99 parameter list (allocation request block, text pointer list and text units).

DF1173P *F-sid/acme/sessid * DELETE EXISTING FILE BECAUSE OF SPECIFIED EXPIRATION DATE

A restart of a transmission (receive direction) will be initiated. If there is specified an expiration date for this data set to be received a restart at the abended position will be impossible. That's why the part of this file which was already received before the transmission abend occurred will be deleted.

DF1175E *F-sid/acme/sessid * OUTPUT DATASET ALREADY IN USE

A data set is to be received, but the output data set is just used by another task within the rvs monitor. This situation should normally not occur. One reason for this might be that files from different remote stations shall be stored in the same output file (as specified in resident receive entries) and the replace function is also used.
If this situation is detected, the transmission will be cancelled and dynamic allocation error 0210-99 is used as error indication.

DF1176P *R-sid/acme/sessid * aaaaaaaa bbbbbbbb cccccccc dddddddd

The message show allocation parameter for end file (only for COMR/SECR component)

aaaaaaaa – file size in bytes (hex)
bbbbbbbb – BLKSIZE for end file (hex)
cccccccc – primary allocation for end file (hex)
dddddddd – secondary allocation for end file (hex)

DF1190P *R-sid* WAITING FOR LIST OF RESIDENT RECEIVE ENTRIES

The message is displayed if the monitor-internal list of resident receive entries is not (yet) created (available). If this situation remains unchanged for more than one minute, message DF1190P is changed to DF1190E to indicate an error situation.
It should be checked, whether the receive dispatcher (RDS) controltask is active. Activation of this controltask may be done by entering command A RDSP.

DF1199P *R-sid* RE-READ FAILED: RRsid   dsn

This message sid displayed if re-read of a resident receive entry (read from disk) failed. This situation may occure if a resident receive entry has been deleted, but the monitor-internal list of resident receive entries has not been refreshed since that time.
The message shows the remote station (sid) and virtual datasetname (dsn) of the affected entry.

DF1191W   *R-sid* NONZERO RETURNCODE OF INSTALLATION EXIT DFUX001
DF1191W   *R-sid* ONLY INSTALLATION STANDARDS WILL BE USED TO RECEIVE dsname
DF1191E   *R-sid* RECEIVING OF dsname REJECTED BY DFUX001

See DF3735W (DF3735E).

DF1191E   *R-sid* RECEIVING OF dsname REJECTED BECAUSE OF NORELAIS=dest

A data set with name "dsname" shall be received from station "sid". For this station, the parameter NORELAIS=dest has been specified. 'dest' denotes the station-ID, to which routing is to be suppressed. In this case, receiving of the file with destination 'dest' will be rejected.

DF1192W   *R-sid* text

This message precedes message DF1191W. 'text' is a message which is passed to rvs by the user exit.

DF1193W   *R-sid* RECEIVING OF dsname REJECTED, DUPLICATE FILE

See DF3738E.

DF1194E   *R-sid* RECEIVING OF dsname REJECTED, ODETTE-ID MISSING

The ODETTE-ID has not been specified by the sender. The transmission is cancelled. Make sure that the sender provides for an ODETTE-ID that is not blank (especially when using a relay station).

DF1195P   *R-ORT* CALL OF DFUX001 INITIATED
DF1195P   *R-ORT* CALL OF DFUX001 COMPLETE
DF1196P   *R-ORT* text

Messages DF1195P until DF1196P are for possible error detection only. They are not in effect for users purpose.

DF1197P   *R-sid* RESIDENT ENTRY (RR) FOR dsn IS USED

While receiving the data set ("dsn") a RR entry is used.

DF1197W   *R-ORT* AR-RR: description DSN=dataset name

RR entries had changed and current already existing receive entry is influenced by these changes. The receive entry is deleted and receiving of dataset will be started from scratch.

DSN: dataset name of receive entry
description: describes changes and actions

AR WITH RR IS NOT OK
   Matching RR was changed.

AR INV -> RR FOUND
   Found matching RR entry for current receive entry, but current existing receive entry wasn't associated to a RR entry.

AR INV -> RR MISSING
   Didn't find matching RR entry for current receive entry, but current existing receive entry was associated to a RR entry.

DELETE INV AR-RECORD
   Action: Current receive entry is deleted and receiving of dataset will be started from scratch.

DF1198P   *R-ORT* USER ENTRY (UR) FOR name
DF1199P   *R-ORT* LOG ENTRY (LG) FOR name
DF1199P   *R-ORT* text

Messages DF1198P until DF1199P are for possible error detection only. They are not in effect for users purpose.

DF1201E   *f-sid,lll* LINE I/O ERROR, DECERRST=X'xx'

During data traffic with station "sid" on BSC line "lll" ("lll" denotes the subchannel address), an I/O error has occurred. "xx" denotes the error status flags as indicated within the BTAM control block DECB. For a description of the error status flags see (for example) the IBM manual "OS/VS BTAM". As a result of this error, the line connection will be broken.

DF1202P   *f-sid,lll* BTAM ERROR RECOVERY: P=X'pp', OPCD=X'oo',
**   TPCD=X'tt',FLAGS=X'ff',ERRST=X'ee',CSWST=X'cccc',SENSE=X'ss'**

This message is written only to the rvs protocol, not to console. It indicates a failing BTAM I/O during data traffic with station "sid" on BSC line "lll" ("lll" denotes the subchannel address). The error is recorded by the rvs error recovery routine for BTAM I/O. Depending on the kind of error(s), this routine tries to recover the error. The result of the recovery may be continuation of the data traffic or break of line connection. This message displays the following fields of the BTAM control block "DECB" (For a detailed description of these fields see (for example) the IBM manual "OS/VS BTAM"):

P	postcode of BTAM I/O completion
OPCD	type of BTAM operation (executed BTAM macro)
TPCD	tp operation code
FLAGS	status flags
ERRST	error status flags
CSWST	status bits from the CSW (channel status word) for the last CCW (channel command word) that was executed
SENSE	sense information

DF1203E   *f-sid,lll* BTAM I/O ERROR, CHANNEL STATUS: status

A BTAM I/O ERROR has occurred during data traffic with station "sid" on BSC line "lll" ("lll" denotes the subchannel address). The error is recorded by the rvs error recovery routine for BTAM I/O. "status" may be one of the following values (obtained from status bits from the CSW (channel status word) for the last CCW (channel command word) that was executed):

- CHANNEL CONTROL CHECK
- INTERFACE CONTROL CHECK
- CHANNEL DATA CHECK
- ATTENTION
- STATUS MODIFIER
- CONTROL UNIT END
- BUSY
- UNIT CHECK
- CHAINING CHECK
- PROGRAM CHECK
- PROTECTION CHECK
- UNIT EXCEPTION
- INCORRECT LENGTH

In case of a UNIT CHECK, one of the following additional error information is displayed within this message (obtained from sense information field of DECB):

- EQUIPMENT CHECK
- LOST DATA
- TIMEOUT
- INTERVENTION REQUIRED
- BUS OUT
- DATA CHECK
- OVERRUN
- COMMAND REJECT

DF1231I   PROCESSING OF COMMAND cmd STARTED   *** nnnnn ***

DF1231I   PROCESSING OF COMMAND cmd ENDED   * nnnnn *****

Indication that the specified command "cmd" is processed. Start and end of processing for the following commands "cmd" is displayed:
Y STATIONS   (dump of the incore rvs stations table)
Y SESSIONS   (dump of the incore rvs sessions table)
The (dump) output of these commands is written as "print only message" (message identifier DF1232P) to the resource allocated with DD name "SYSWTOxx" to the rvs monitor (depending on the content of member "MSGIDxx" of the rvs tables data set) or to the resource allocated with DD name "Y".

nnnnn - number of Y command.

DF1232P   text

This message contains data which have been created by one of the commands
Y STATIONS   (dump of the incore rvs stations table)
Y SESSIONS   (dump of the incore rvs sessions table).
The listing of rvs internal controlblocks may be useful in case of problem determination.

DF1233E   SESSIONS TABLE DOES NOT EXIST

The command "Y SESSIONS" has been entered. This message indicates that the rvs internal sessions table does not exist and that this table cannot be dumped.

DF1234E   STATIONS TABLE DOES NOT EXIST

The command "Y STATIONS" has been entered. This message indicates that the rvs internal stations table does not exist and that this table cannot be dumped ("should not occur" error).

DF1237I   * Y - FILE ACTIV *****

The "Y" command has been entered. Results of realize this command is written to "Y" file.

DF1241W   *F-sid* dsn $\begin{cases} \text{NOT CATALOGED} \\ \text{NOT UNCATALOGED} \\ \text{NOT SCRATCHED} \end{cases}$**,   RC=xx-yy**

A successfully sent data set should be deleted/uncataloged resp. a successful received data set should be cataloged. The action failed.
'xx' denotes the return code (hex) of the SCRATCH/CATALOG macro. The status-code 'yy' (hex) is only issued by the SCRATCH macro. For a further description of these codes refer to the IBM manuals which describe the scratch or catalog macro.

DF1242E   *F-sid* CREATION OF SEND REQUEST FAILED
DF1242W   *F-sid* dsn NOT QUEUED TO STATION xxx

A received data set 'dsn' should be automatically passed by to a final station 'xxx' but could not be queued for sending.

DF1243P   *R-sid mn* ??????????????????????????????

This message is issued by the Odette File Transfer Protocol task when a data set has been received. One of the following actions and/or errors have occurred after receiving:

DATASET RENAMED: dsname

With DFSMS the data set is received under a temporary data set name with timestamp. After complete reception the data set has been renamed to its final name 'dsname'.

DATASET NOT CATALOGED xx

The data set could not be cataloged after receiving. For the information reason code 'xx' see MVS/ESA Authorized Assembler Programming Guide.

DATASET NOT SCRATCHED (RC=xxxx/xxxxxxxx): dsname

The temporary data set could not be cataloged after start of reception. For this reason the already allocated data set is to be scratched which did not end successfully. For return and diagnosis codes 'xxxx/xxxxxxxx' see DFSMS/MVS Diagnosis Reference.

DATASET NOT RENAMED (RC=xxxx/xxxxxxxx): dsname

The temporary data set could not be renamed after reception. For return and diagnosis codes 'xxxx/xxxxxxxx' see DFSMS/MVS Diagnosis Reference. '**dsname**' denotes the old data set name (timestamp). This message is followed by:

DATASET TARGET NAME: dsname

The message displays the new data set name of the failed rename.

DATASET GDG LOCATE (RECOVERY): NO NEW VERSION EXISTING

The current GDG-version could not be renamed/cataloged. rvs checks whether the current version of the GDG is still the highest version. If the current version is not the highest, rvs determines the next new version and tries to rename/catalog this new version. This message displays that recovery by increasing of the version number is not possible.

DATASET ALREADY CATALOGED: dsname

The received data set could not be cataloged after reception because a data set with identical name 'dsname' already exists. The data set will reside on disk under a temporary name with timestamp.

DATASET ALREADY CATALOGED AND NOT RE-RENAMED (RC=..../........)
DATASET NOT CATALOGED AND NOT RE-RENAMED (RC=..../........)

The received data set could not be cataloged after reception but has already been renamed to its final name. While renaming it back to its temporary name an error occurred. For return and diagnosis codes 'xxxx/xxxxxxxx' see DFSMS/MVS Diagnosis Reference. The data set will reside uncataloged under its final name on disk.

DATASET NOT UNCATALOGED: dsname

The temporary data set with timestamp 'dsname' has been renamed to its final name but could not be uncataloged.

```
DF1244P    *R-ORT* REMOTE JOB name NOT AUTHORIZED, NOT SUBMITTED
DF1245P    *R-ORT* EFFECTIVE SPEED = ......... BPS
```

Messages DF1244P/DF1245P are for possible error detection only. They are not in effect for users purpose.

```
DF1246P    *X-ORT* ???????????????????????????????????????:
           12345678901234567890123456789012345678901234
```

Messages DF1246P is used for different purpose. One is to inform about ENQ for GDG handling. If resource isn't available, the task will wait 1 second and try it again up to 20 times.

```
           ENQ ISSUED FOR name
```
GDG ENQ issued for a GDG name

```
           ENQ FOR DATASET IN USE, SET TIMER
```
ENQ for a dataset name is in use, this task will wait.

```
           GDG ENQ-RESSOURCE NOT AVAILABLE -
```
Couldn't get ENQ for a dataset name.

All other Messages of DF1246P are for possible error detection only. They are not in effect for users purpose.

```
DF1247P    *R-ORT* text: name
DF1249P    *R-ORT* LOG ENTRY (LG) FOR name
```

Messages DF1247P/DF1249P are for possible error detection only. They are not in effect for users purpose.

```
DF1302E    RVS BUFFER QUEUE LOCKED FOR MORE THAN XXX MINUTES - RESTART OF MONITOR
           REQUIRED
```

The internal buffer queue was not released as intended, possibly because of a module ABEND occured. Monitor must be stopped and restarted in order to solve this problem.

```
DF1411P    RVS VERSION HAS CHANGED, UPDATE OF RR-ENTRIES STARTING
DF1412P    UPDATE OF RR-ENTRIES ENDED, RC=rc, RECORDS PROCESSED=nnn
```

The above messages are displayed during start of the rvs-monitor, if the rvs-release has changed (an update of the rvs-loadlibrary with a new rvs-version was done and the rvs control data set (RVS.KD) of the old version is used further on).
In this case some flags of elder resident receive entries must be modified in order to keep compatibility with the new version. 'rc' denotes the returncode of this function and 'nnn' denotes the number of processed resident receive entries (in general the total number of rr-entries of the rvs control data set).

```
DF1501A    *I-sid* NO SMF RECORD WRITTEN
```

The User SVC for writing SMF records returned with a non zero returncode.

```
DF1504P    *I-sid* INVALID START TIME
```

An entry of the control data set, relating to a data set which is to be transmitted contains an invalid start time.

DF1505P   *I-sid* dsname SMF RECORD WRITTEN

An SMF record has been written after receiving or transmitting a data set. The 'dsname' is related to this data set.

DF1507P   *I-sid* DATA SET FOR TEST - NO SMF RECORD WRITTEN

No SMF record has been written for this transmission because the rvs start parameter 'TEST=YES' has been specified.

DF1508P   *I-sid* NO SMF RECORD WRITTEN BECAUSE OF MISSING DATA

No SMF record was written because no byte of the data set has been transmitted.

DF1520P   *f-sid* CALL OF ACCOUNTING USER EXIT INITIATED
DF1520P   *f-sid* CALL OF ACCOUNTING USER EXIT COMPLETE

Indication for the call of the user accounting exit.

DF1551A   *I-sid* NO SMF RECORD WRITTEN

The User SVC designed to write SMF records returned with a non zero return code.

DF1554P   *I-sid* INVALID START TIME

An entry of the control data set, relating to a data set which is to be transmitted contains an invalid start time.

DF1555P   *I-sid* dsname SMF RECORD WRITTEN

An SMF record has been written after receiving or transmitting a data set. The 'dsname' is related to this data set.

DF1558P   *I-sid* NO SMF RECORD WRITTEN BECAUSE OF MISSING DATA

No SMF record was written because no byte of the data set has been transmitted.

DF1601E   *S-sid mn* TRANSMISSION OF dsname REJECTED BECAUSE OF EXIT DFUX001

The user exit DFUX001 has been terminated with a non zero return code (there is no authorization to transmit the data set "dsname" to station "sid"). As a result the status of the transmission request - specified in an entry of the control data set - will be changed to the HOLD Status immediately. For a description of this exit see Installations Manual, Appendix A.

DF1602E   *S-sid mn* text

This message appears if the exit DFUX001 terminates with a return code of 8. 'text' is a message of equal or less 80 characters, which is passed to rvs by the exit DFUX001.

DF1603P   *S-sid mn * ENQ USE RETURNCODE=xx, DSN=dsname

The execution of ENQ/DEQ macros is listed on printout. During selection of a data set for transmission to station "sid" rvs checks whether the selected data set is just sent on another line (or session) or not. This is done to avoid parallel transmission of the same data set to the same station.

`DF1604P    *S-sid mn * DEQ HAVE RETURNCODE=xx, DSN=dsname`

See description of message DF1603P.

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Messages of Initialization of GENERAL PARAMETER LIST

DF1900I   *** PROCESSING OF START PARAMETERS STARTED ***

This message is displayed when rvs begins processing of the rvs start parameters specified in "rvs.TABLES(CNTL)".

DF1901I   CONTROL STATEMENT: text

This message displays the rvs start parameters specified in "rvs.TABLES(CNTL)". It is possible to enter lines with a maximum of 72 bytes to specify the rvs start parameters. For a description of these parameters see rvsMVS Installations Manual, chapter 6.

DF1902E   ERROR NEAR PARAMETER parm

Identification of the parameter 'parm' is in error.

DF1903W   VOLUME AND UNIT PARAMETER SPECIFIED, UNIT PARAMETER IGNORED

The rvs start parameters "VOLUME" is exclusive with the "UNIT" parameter (see rvsMVS Installations Manual). This message is issued to indicate, that the "UNIT" parameter will be ignored.

DF1904E   INCOMPLETE PARAMETER SPECIFICATION FOR {X25 | SNA | TCP/IP } COMPONENT
DF1904E   {X25 | SNA| TCP/IP } COMPONENT nnnnn OF RVS CANNOT BE USED

The rvs start parameter "X25USE=YES", "SNAUSE=YES" or "TCPUSE=YES" has been specified (or is used as a default value). In this case some other rvs start parameters (concerning the specified component of rvs) are mandatory. But at least one of these parameters has not been specified. As a result of this, the specified component cannot be used (same processing as if "X25USE=NO" ("SNAUSE=NO") is specified). See rvs Installations Manual, description of the rvs startparameter "X25USE", "SNAUSE" or "TCPUSE") for more details. In case of X25 or TCP/IP, "nnnnn" specifies the number of the CTCP (X25) or the stack number (TCP/IP) which cannot be used.

DF1904E   COMPLETE {X25 | TCP/IP } COMPONENT CANNOT BE USED

The message shows that the definition of all specified CTCPs (X25) or all specified IP-stacks (TCP/IP) are incomplete.

DF1905E   OWN STATION - ID REQUIRED

This message appears if the 'own station id' is missing in the rvs start parameter specification.

DF1906E   PARAMETER 'DQPERM=YES' IGNORED BECAUSE OF MVS-RELEASE rel

The rvs start parameter 'DQPERM=YES' has been specified. But this parameter will be ignored because the MVS release 'rel' is not at least MVS SP 2.2.0 or a following release (MVS release 2.2.0 is required for this function because IBM made some (downward) incompatible software changes within MVS release SP 2.20.).

DF1908W   INCONSISTENT PARMVALUES TEXTLREC/TEXTBLSZ, SET TO DEFAULTS 2048/6000

One or both of parameters TEXTBLSZ, TEXTLREC have been specified, but the specified values are invalid or inconsistent: either TEXTLREC is less than 5 or TEXTBLSZ is greater than 32760 or TEXTBLSZ is not greater than (or equal to) TEXTLREC+4. As a result of this error, the default values (2048/6000) will be used.

DF1909I   SECURITY FEATURE ONLY FOR RECEIVING PART, OWN ENCRYPTION KEY MISSING

The parameter SECURITY=EXT have been specified but without any security key identification. This feature can't be used.

DF1910E   INCOMPLETE PARAMETER SPECIFICATION FOR SECURITY FEATURE, SECURITY=EXT MISSING

The parameter KEYID have been specified but no SECURITY=EXT parameter. This feature can't be used.

DF2000P   ** space * SP nn1 mm1K * SP nn2 mm2K * ..... * TOTAL kkkk K **

Display of the used virtual storage: Subpool nn has a size of mm Kbytes, the used space of the address space is kkkk K bytes. 'space' may be substituted by
'PVT BRUTTO' or 'PVT TOTAL'.

That means:
    PVT   --> private area
    BRUTTO --> all used 4k pages are counted
    TOTAL   --> all subpool space is added up

This message appears in certain time intervals, which are controlled by the rvs start parameter 'STORAC' or if the command STORAC=* has been entered. See rvsMVS Installations Manual or rvsMVS Operations Manual. This message is not displayed on console.

DF2001P   * PRIV. AREA=xxxxxK * FREE=yyyyy K * USED=zzzzz K **

This message is displayed in conjunction with message DF2000P if rvs is running in a non-MVS-XA environment. There is a PRIVATE AREA of xxxxx K. The free space of this area is yyyyy K, the used space is zzzzz K. This message is not displayed on console.

DF2002P   ALLOCATED PRIVATE STORAGE: nnnK (BELOW 16 MB)
DF2002P   UNALLOCATED PRIVATE STORAGE: mmmK (BELOW 16 MB)
DF2002P   MAX. REGION SIZE: rrrK (BELOW 16 MB)

This message is displayed in conjunction with message DF2000P if rvs is running in a MVS-XA environment.
'nnn' denotes the size of virtual storage below 16 MB which is currently used by the rvs monitor.

'rrr' denotes the maximum available region size on the host (below 16 MB), this value is independent of the regionsize which is valid for the rvs monitor (for example as specified within the REGION parameter of the EXEC card).

'mmm' denotes the size of currently unallocated virtual storage (below 16 MB). For this value, the following formula is valid: mmm=rrr-nnn. So 'mmm' is not the value for the size of unused virtual storage within the region of the rvs monitor. This message is not displayed on console.

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Messages of the Initialization of Station table

DF2200I   *** PROCESSING OF STATION TABLE STARTED ***

First message of program DF022B. Processing of the Station Table allocated under DD-Name STATIONS started.

DF2201W   WARNING : INVALID KEYWORD .... AT ENTRY ... IGNORED

A keyword of the mentioned station entry could not be recognized.

DF2203W   WARNING : INVALID PARMVALUE "....=...." AT ENTRY ...
**   DEFAULT VALUE SET.**

The specified parameter could not be recognized. The default value has been set.

DF2204W   WARNING : INVALID PARMVALUE "....=...." AT ENTRY ...
**   (NO DEFAULT)**

The specified parameter could not be recognized. A default value could not be set.

DF2205E   ERROR : (RELAIS ENTRY ... NOT FOUND)
**   ====> IND-ENTRY FOR ... IGNORED Ü**

The Indirect Station Entry (see Installation Manual, chapter 6.2.1) has been ignored because a entry of the mentioned relay station has not been found.

DF2206E   ERROR : (RELAIS PARM MISSING)
**   ====> IND-ENTRY FOR ... IGNORED Ü**

The Indirect Station Entry (see Installation Manual, chapter 6.2.1) has been ignored because no relay station has been specified.

DF2207E   ERROR : (PPROF MISSING)
**   ====> IND-ENTRY FOR LINE ... IGNORED Ü**

The mentioned Line Entry has been ignored because the program profile parameter has not been specified.

DF2208W   WARNING : (DIAL NUMBER MISSING)
**   ===> AUTO-DIAL FOR ... NOT POSSIBLE Ü**

Autodial is requested for this station but the dialnumber has not been specified.

DF2209E   PROCESSING OF STATIONS TABLE FAILED - PROGRAM ABNORMALLY ENDED

The stations table could not be accessed to. Please be sure that the table with DD statement STATIONS may be opened by the rvs monitor.

DF2210P   SPECIFIED TCP/IP STACK name FOR STATION sid NOT DEFINED

> The specified TCP/IP stackname (parameter TCPIPADR) for station 'sid' could not be found. Either the specified stackname is not valid or the corresponding TCP/IP controltask is not defined for this stackname (see rvs start parameter TCPSTKID in the CNTL-member). The specified station is not operational (cannot be activated).

DF2211E   ERROR : (PPROF MISSING - NO DEFAULT)
**   ====> ENTRY FOR SID ... IGNORED Ü**

> The mentioned Station Entry has been ignored because no program profile parameter has been specified.

DF2212E   ERROR : (SCNL MISSING - NO DEFAULT)
**   ====> ENTRY FOR SID ... IGNORED Ü**

> The mentioned Station Entry has been ignored because no subchannel parameter has been specified.

DF2213E   ERROR : (SPROF MISSING - NO DEFAULT)
**   ====> ENTRY FOR SID ... IGNORED Ü**

> The mentioned Station Entry has been ignored because no session profile parameter has been specified.

DF2214E   ERROR : (LUNAME MISSING - NO DEFAULT)
**   ====> ENTRY FOR SID ... IGNORED Ü**

> The mentioned Station Entry has been ignored because no luname/applid parameter has not been specified.

DF2215E   ****** USERABEND 1022 (RELAIS-LIST OVERFLOW)   **********

> The number of relay stations exceeds the maximum limit of 66 stations. See also User Abend 1022.

DF2216E   ERROR : (AUTODIAL OR AUTOACT REQUIRED ?)
**   ====> ENTRY FOR SID ... IGNORED Ü**

> The mentioned Station Entry has been ignored because the AUTODIAL parameter as well as the AUTOACT parameter has been specified. Only one of them can be accepted.

DF2217E   ERROR : (ERROR IN SEND/RECEIVE PASSWORD)
**   ====> ENTRY FOR SID ... IGNORED Ü**

> The mentioned Station Entry has been ignored because the send or receive password is invalid.

DF2218E   ERROR : (ODETTE ID MISSING)
**   ====> ENTRY FOR SID ... IGNORED Ü**

> The mentioned Station Entry has been ignored because no ODETTE identification has been specified.

DF2219E   ERROR : (X.25 NUMBER MISSING)
           ====> ENTRY FOR SID ... IGNORED Ü

       The mentioned Station Entry has been ignored because no ODETTE identification has been
       specified.

DF2220I   TOTAL NUMBER OF INTERNAL STATION TABLE ENTRIES : ......

       The number of internal station entries is higher than the number of remote stations because
       rvs creates one entry for every subchannel definition and one entry for every backup station
       defined by 'BCKP'.

DF2225I   ERROR : (LU62MODE MISSING - NO DEFAULT)
           ====> ENTRY FOR SID sid IGNORED Ü

       The mentioned Station Entry for a LU6.2 station has been ignored because
           - no LU62MODE parameter has been specified and
           - no default LU62MODE in the CNTL member has been specified too .

DF222CI   ERROR : (LU62MODE MISSING - NO DEFAULT)
DF2225I   ERROR : (LU62MODE MISSING - NO DEFAULT)
DF2226W   WARNING: INVALID PARMVALUE "pppppppp=vvvvvvvv" (HEX PAIRED
           NECESSARY, =========> VALUE FOR SID=sid IGNOREDÜ)

       The value for the specified parameter should be hex paired.

DF2227E   ERROR: TO MANY rvsWIN STATIONS, YOUR LICENCE ALLOWS ONLY
           nnnnn INSTALLATIONS ==> ENTRY FOR SID=sid IGNOREDÜ)

       The station contents table are more rvsWIN stations than your licence key allows. The
       following rvsWIN stations will be ignored. Please contact your software distributor.

DF2228W   WARNING: INVALID INDEX xxxxxxxxxxxx AT ENTRY sid - IGNORED

       The parameter's index is invalid (outside of 1..99 or contents other characters than 0..9)

DF2229W   WARNING: INVALID PARMVALUE "pppppppp=vvvvvvvv" (HEX
           DESCRIPTION REQUIRED) =====> VALLUE FOR SID=sid IGNOREDÜ)

       The parameter requires hex description but the specified value includes other characters than
       0..9,A..F.

DF2230W   WARNING: INVALID PARAMETER "pppppppp=vvvvvvvv" (SID IS NOT
           DEFINED FOR X.25 ===> VALUE FOR SID=sid IGNOREDÜ)

       The parameter is X.25 specific but the station is not defined for X.25 (access method <> X25).

DF2231E   ERROR: FTPHNAME PARAMETER IS MISSING ===> ENTRY FOR SID=... IGNORED!

       For using the FTP component the FTPHNAME parameter is mandatory.

DF2232E   ERROR: FTPUID PARAMETER IS MISSING ===> ENTRY FOR SID=... IGNORED

> For using the FTP component the FTPUID parameter is mandatory.

DF2233E   ERROR: FTPPREF PARAMETER IS MISSING ===> ENTRY FOR SID=... IGNORED!

> For using the FTP component the FTPPREF parameter is mandatory.

DF2234E   ERROR: TOO MANY STATION TABLE ENTRIES, YOUR LICENCE ALLOWS ONLY .....
ENTRIES ===> rvsMVS INSTALLATION NOT COMPLETE !

> The current licence doesn't cover the number of stations. rvsMVS does not work..

DF2235E   ERROR: FTPPASS PARAMETER IS MISSING ===> ENTRY FOR SID=... IGNORED!

> For using the FTP component the FTPPASS parameter is mandatory.

DF2237P REFRESH OF KD-STATIONS RECORDS ALREADY ACTIVE - NOT EXECUTED

> The command REFR STAT is already active. The next command REFR STAT ignored.

DF2238W   WARNING: GZIP COMPRESSION ONLY SUPPORTED FOR ACCESS METHODS
X25,LU62,TCP - IGNORED FOR SID=XXX

> The GZIP compression parameter (COMPRESS=GZIP) found in station entry for SID=xxx but
> the GZIP compression is available only for access method X25, LU62 and TCPIP. The
> parameter is ignored.

DF2239W   WARNING: GZIP COMPRESSION NOT INCLUDED IN CURRENT LICENCE KEY - IGNORED
FOR SID=XXX

> The GZIP compression parameter (COMPRESS=GZIP) found in station entry for SID=xxx but
> the GZIP compression is not included in current licence key. The parameter is ignored.

DF2240W   WARNING: EXTERNAL SECURITY NOT INCLUDED IN CURRENT LICENCE KEY -
IGNORED FOR SID=XXX

> The external security parameter (SECURITY=EXT) found in station entry for SID=xxx but the
> external security is not included in current licence key. The parameter is ignored.

DF2241W   WARNING: EXTERNAL SECURITY ONLY SUPPORTED FOR ACESS METHODS
X25,LU62,TCP - IGNORED FOR SID=XXX ',

> The external security parameter (SECURITY=EXT) found in station entry for SID=xxx but the
> external security is available only for access method X25, LU62 and TCPIP . The parameter
> is ignored.

DF2242I   WARNING: SECURITY=EXT AND COMPRESS=YES/OFTP FOUND; OFTP COMPRESSION
DISABLED

> The external security parameter and parameter COMPRESS=YES/OFTP found in station
> entry. This combination is not accepted. The Parameter COMPRESS is disabled
> (COMPRESS=NO).

DF2243W   WARNING: USER STATIONS NOT INCLUDED IN CURRENT LICENCE KEY - IGNORED
**   FOR SID=XXX**

The user station parameter (USR=YES) found in station entry for SID=xxx but the user station is not included in current licence key. The parameter is ignored

DF2244W   WARNING: VIRTUAL STATION NOT INCLUDED IN CURRENT LICENCE KEY - IGNORED
**   FOR SID=XXX**
DF2244W   WARNING: TRANSFER RESTRICTION NOT INCLUDED IN CURRENT LICENCE KEY -
**   IGNORED FOR SID=XXX ',   ***

The virtual station parameter (STAT=VIRT) or transfer restriction (TFR=YES) found in station entry for SID=xxx but the virtual station or transfer restiction is not included in current licence key. The parameter is ignored

DF2246W   WARNING: VIRTUAL STATION ONLY SUPPORTED FOR ACESS METHODS X25,LU62,TCP
**   - IGNORED FOR SID=XXX ',**

The station parameter (STAT=VIRT) found in station entry for SID=xxx but the virtual station is available only for access method X25, LU62 and TCPIP . The parameter is ignored.

DF2247W   WARNING: USER STATIONS ONLY SUPPORTED FOR ACESS METHODS X25,LU62,TCP -
**   IGNORED FOR SID=XXX**

The user stations parameter (USR=YES) found in station entry for SID=xxx but the user station is available only for access method X25, LU62 and TCPIP . The parameter is ignored.

DF2248W   WARNING: TRANSFER RESTRICTION ONLY SUPPORTED FOR ACCESS METHODS
**   X25,LU62,TCP - IGNORED FOR SID=XXX**

The transfer restriction parameter (TFR=YES) found in station entry for SID=xxx but the transer restriction is available only for access method X25, LU62 and TCPIP . The parameter is ignored.

DF2249W   WARNING: USER LEVEL SECURITY SECURITY ONLY SUPPORTED FOR ACESS METHODS
**   X25,LU62,TCP - IGNORED FOR SID=XXX ',**

The ULS (user level security – ULS=YES) found in station entry for SID=xxx but the user level security is available only for access method X25, LU62 and TCPIP . The parameter is ignored.

DF2250W   WARNING: USER LEVEL SECURITY NOT INCLUDED IN CURRENT LICENCE KEY -
**   IGNORED FOR SID=XXX**

The ULS (user level security – ULS=YES) found in station entry for SID=xxx but the user level security is not included in current licence key. The parameter is ignored.

DF2251W   WARNING: USER SEPARATION NOT USED (SEE CNTL MEMBER) - IGNORED FOR
**   SID=XXX**

The user separation parameter (USP=YES) found in station entry for SID=xxx but the user separation is not included in current licence key. The parameter is ignored

DF2260W   WARNING: *ONLINE* SECURITY NOT INCLUDED IN CURRENT LICENCE KEY -
**   IGNORED FOR SID=XXX**

The online security parameter (SECURITY=ONL) found in station entry for SID=xxx but the online security is not included in current licence key. The parameter is ignored

DF2261W WARNING: *ONLINE* SECURITY ONLY SUPPORTED FOR ACESS METHODS
          X25,LU62,TCP - IGNORED FOR SID=XXX

The online security parameter (SECURITY=ONL) found in station entry for SID=xxx but the online security is available only for access method X25, LU62 and TCPIP . The parameter is ignored.

Messages of program DF022C: Online refresh of the internal station table

DF22C0I   ONLINE STATION REFRESH STARTED, LEVEL=nn/nn/nn-nn.nn

First message of program DF022C. Processing of online refresh of the internal Station Table starts. The program level is stated.

DF22C1I   NUMBER OF ADDED MAIN ENTRIES: nnnn

Number of Station Table main entries that have been added to the internal Station Table.

DF22C2I   NUMBER OF ADDED SUB ENTRIES: nnnn

Number of Station Table sub entries that have been added to the internal Station Table.

DF22C3I   NUMBER OF REPLACED ENTRIES: nnnn

Number of Station Table entries that have been replaced by a Station Table entry of same station identification (SID) but with changed access method (ACME).

DF22C4I   NUMBER OF UPDATED ENTRIES: nnnn

Number of Station Table entries where changes have been made in one or more than one of the Station Table parameters.

DF22C5I   SIZE OF APPC NODE TABLE (ANT) TO SMALL - RE-START rvsL

More than 200 new LU6.2 Station Table entries have been added to the Station Table. Re-start the LU6.2 component of rvs to make the new entries active.

DF22C6I   ONLINE STATION REFRESH ALREADY ACTIVE

The Station Table Online Refresh is already active. Wait for termination of the previous command "REFRESH STATIONS".

DF22C9I   * ONLINE STATION REFRESH ENDED *****

The Station Table Online Refresh has terminated successfully.

DF2301E   *A-sid* SESSION PROFILE sss NOT FOUND ON SESSION TABLE

In the stations table station 'sid' is defined with a sessions profile 'sss'. This profile could not be found in the sessions table. See 'rvsMVS Installation Manual', Generating the STATIONS/SESSIONS table).

DF2302E   INVALID MODE x FOUND IN SESSION PROFILE sss

The sessions profile 'sss' contains an invalid sessions type 'x'.

DF2303I   SESSION-TABLE ESTABLISHED

After start of the rvs Monitor, the session table has been created incore. As a model for this table, member SESSIONS of the rvs Tables Data set is used in conjunction with the rvs Stations Table.

DF2304I   ERROR   :   SPROF NOT FOUND !
=====> ENTRY FOR SID=... IGNORED !

The mentioned Station Entry has been ignored because incorrect session profile parameter has been specified.

DF2305I   TOTAL NUMBER OF INTERNAL STATION TABLE ENTRIES : ....

The number of internal station entries has been decreased.

DF2401E   INVALID PARM VALUE

Error in the parm entry of the program DF024A00. This program copies a received data set to a tape or into a SYSOUT CLASS or a data set which is to be transmitted to disk. The entry in the member RTAPEJC, SYSOUTJC or STAPEJC of rvs.TABLES may not be in the right column position of the line.

DF2402E   INVALID INPUT DATA SET NAME

The name of the input file of the program DF024A00 is invalid. See also message DF2401E.

DF2403E   INVALID OUTPUT DATA SET NAME

The name of the output file of the program DF024A00 is invalid. See also message DF2401E.

DF2404E   INVALID INPUT VOLUME SERIAL NUMBER

The volume number of the input file of the program DF024A00 is invalid. See also message DF2401E.

DF2405E   RE-READ OF THE KD-RECORD FAILED
DF2406E   UPDATE OF THE KD-RECORD FAILED
DF2407E   INITIAL READ OF THE KD-RECORD FAILED

Error of the control data set RVS.KD in the program DF024A00. See also message DF2401E.

DF2500E   *D-sid* INVALID REPLY - REENTER COMMAND

An invalid reply has been entered, enter correct reply according to the displayed message.

DF2510A   *D-sid* dsname VOL=volume (ENTER 'DEL' OR 'NO' OR 'END')

DF2510A   *D-sid* dsname QD=yyddd QT=hhmmsst (ENTER 'DEL' OR 'NO' OR 'END')

After input of the 'D-sid' command the first entry for which the selection criteria are valid is indicated. For send or receive entries, the data set name and the volume number are displayed. For end-to-end responses, the data set name and the queuing date and time are displayed. The following replies are possible:

DEL   = Entry is to be deleted
NO   = The next entry is to be indicated
END   = Request will be cancelled

DF2520I   *D-sid* REQUESTED ENTRY DELETED

The requested entry has been deleted after input of 'DEL' in the response to DF2510A.

DF2525I   *D-sid* REQUESTED ENTRIES DELETED

The requested entries have been deleted after input of 'DEL' as response to DF2590A.

DF2530E   *D-sid* NO (MORE) ENTRIES FOUND

No entry (or no further entry after input of 'NO' in response to DF2510A) was found in the control data set The 'D-sid' command may have been incorrectly entered.

DF2531E   *D-sid* NO ENTRIES FOUND

No entry was found in the control data set for 'D-sid' command.

DF2540A   *D-sid* IS THE DATA SET TO BE SCRATCHED FROM DISK ('YES' OR 'NO')

If the data set to be transmitted is on disk, the operator is provided with the possibility of physically scratching the data set from disk, after message DF2520I. Possible replies are:

YES   = The data set is to be scratched
NO   = The data set is not to be scratched

DF2550I   *D-sid* DATA SET NOT SCRATCHED RC=xx-yy REQUEST CANCELLED

After input of 'YES' in response to DF2540A, the data set could not be scratched because of an error. The following information

xx   = Return code
yy   = Scratch status code

is explained in the IBM brochure OS/VS2 SPL: Data Management (SCRATCH macro).

DF2560I   *D-sid* REQUEST CANCELLED

In response to DF2510A, the operator entered 'END'. The request is cancelled.

DF2565I   *D-sid* DELETE REQUEST NOT SUCCESSFULL

In response to DF2590A, the operator entered 'DEL'. An unexpected error occurred while processing the delete request.

DF2570I   *D-sid* DATASET NOT UNCATALOGED, RC=xx

In response to DF2540A, the operator entered 'YES', that means that the data set is to be scratched and uncataloged (if the data set is still cataloged). This message indicates that the data set could not be uncataloged. "xx" denotes the returncode (register 15) in decimal of the CATALOG macro. For a description of this returncode see for example the IBM manual "OS/VS2 SPL Data Management".

DF2571I   *D-sid* DATASET TO BE SCRATCHED IS NOT CATALOGED

In response to DF2540A, the operator entered 'YES', that means that the data set is to be scratched and uncataloged (if the data set is still cataloged). This message indicates that the data set is not cataloged. Thus it can not be scratched or uncataloged. The send or receive entry however is deleted.

DF2580I   *D-sid* NN ACTIVE ENTRIES FOUND

After input of the command 'D-sid,S/R=all' NN entries were found. This message is followed by DF2590I.

DF2590I   *D-sid* CONFIRM DELETE REQUEST: 'DEL' OR 'NO'

After input of the command 'D-sid,S/R=ALL' and display of message DF2580I, rvs is asking for a confirmation to delete all specified entries. Following replies are possible:
    DEL   Entries will be deleted
    NO   Entries will not be deleted

DF2701P   *R-sid* DS-EXTENSION CODES: aa,bb-cccc-dddd,ee,
**   ff-gggg-hhhh,ii-jj,kk-ll,mm-nn**

During reception of a file, an already existing data set with the same name is to be replaced (replace function). During start of reception, rvs checks whether the already existing file has sufficient space to store the file to be received. If the already existing file does not contain enough space, rvs tries to extend this file (allocation of an extended new file on the same disk volume with new name, deletion of the old file, rename of the new file).
This message indicates various error codes which may occur during these activities.

During checking whether there is enough space, the following codes are used:

aa   returncode (reg 15) of obtain macro (read format1-DSCB)
bb   returncode (reg 15) of volume allocation
cccc   dynamic allocation error reason code (volume allocation)
dddd   dynamic allocation error info code (volume allocation)
ee   returncode (reg 15) of obtain macro (read format3-DSCB)

During extension of the existing file, the following codes are used:

ff   returncode (reg 15) of new file allocation
gggg   dynamic allocation error reason code (new file allocation)
hhhh   dynamic allocation error info code (new file allocation)
ii   returncode (reg 15) of scratch macro (old file)
jj   scratch status code (old file)
kk   returncode (reg 15) of rename macro
ll   rename status code
mm   returncode (reg 15) of scratch macro (new file)

nn   scratch status code (new file)

DF2702P   *R-sid* REPLACE-FUNCTION: ALLOCATED SPACE=n, REQ. SPACE=m (BLOCKS)

During reception of a file, an already existing data set with the same name is to be replaced (replace function). During start of reception, rvs checks whether the already existing file has sufficient space to store the file to be received. This message displays the space allocated to the existing file ("n") and the space required for the file to be received ("m") in units of data set blocks.

DF2800I   JOB jobname STARTED TO PROCESS dsname

The data set 'dsname' is processed from the job 'jobname':
- Tapes to be transmitted are to be converted to disk.
- Received disk data sets are converted to tape, if output is to be placed on tape.
- Received lists are to be written to SYSOUT.
- Received jobs have been started directly.
- User jobs are started for processing of the data if indicated in the resident receive record in the control data set.

DF2801I   JOB jobname NOT STARTED TO PROCESS dsname, RC=ZZ

The data set 'dsname' failed to process from the job 'jobname':
- Tapes to be transmitted are to be converted to disk.
- Received disk data sets are converted to tape, if output is to be placed on tape.
- Received lists are to be written to SYSOUT.
- Received jobs have been started directly.
- User jobs are started for processing of the data if indicated in the resident receive record in the control data set.

RC:
- 4   – Error during allocation internal reader
- 8   – Error during open internal reader
- 12   – Error during open jobcard (JC) input for internal reader
- 16   – Error during open job (SC) input for internal reader
- 20   – Error during open jobcard (JC) input batch job
- 24   – Error during open job (SC) input batch job
- 28   – Error during store prepared record into internal reader
- 32   – Error during close internal reader

DF3000I   rvs-MONITOR STARTED - DAY yy.ddd (tt.mm) TIME hh.mm / DUR.: 999min

Starting message of rvs Monitor with date (yy= year, ddd = machine date, tt= current day of the month, mm= month) and start time (hh= hours, mm= minutes).
The message can be requested by operator command 'DB' at any time. Then 999 shows the duration of rvsMVS.

DF3001A   *** rvs OC READY ***

If this message appears the rvs monitor is ready to accept rvs commands.

DF3002E   INVALID REPLY - REENTER COMMAND

The command previously entered is formally incorrect.

DF3004I   *f-sid,lll* dsname nnn BL, VOL=volume status

Status report of a BTAM line as reply to the command 'DS' (Display Status).

'sid'	remote station ID,
'lll'	line (subchannel) number,
'dsname'	name of the data set which is just transmitted,
'nnn'	number of blocks transmitted,
'volume'	volume number and
'status'	status information,

The following status information may be displayed:

status	meaning
STARTING	Transmission is just starting or restarting.
ACTIVE	The transmission is active.
zz %	The transmission is active. zz% of the data set / volume has already been transmitted.
CANCELLED	The transmission is just being cancelled.
END ⎰**(KEPT)** **(CATLG)** **(UNCATLG)** ⎱**(DELETED)**	Transmission has terminated normally. The executed disposition is being indicated on the second position.
ABEND sss,uuu	the transmission has been aborted because of an error. sss = System Completion Code uuu = User Completion Code

DF3005I   *** rvs MONITOR ENDED ***

The monitor ended normally after the command 'P rvs' has been entered.

DF3006I   ** All RVSMVS LINES ARE INACTIVE **

Reply to command 'DS' if no line is active.

DF3006I   acme-SUBTASK ACTIVE BUT NOT READY

Reply to command 'DS TCP' or 'DS LU62'. "acme" denotes the access method (TCP/IP or LU6.2). The message indicates that the control task for this component is active, but not able to process commands from the rvs-maintask. For TCP/IP this situation may occur if the IP-address space is terminated abnormally. In this situation the affected controltask should be stopped/started again. In some cases stop/start or the rvs-monitor may be required.

DF3006I   acme-SUBTASK NOT ACTIVE

Reply to command 'DS TCP' or 'DS LU62'. "acme" denotes the access method (TCP/IP or LU6.2). The message indicates that the control task for this component is not active. It may be activated by entering the command 'A RVST' or 'A RVSL'.

DF3007I   is identical with DF3004I

> DF3007I is output upon termination of a transmission and remains on the display for the duration specified in the HOLD interval (DESC=2).

DF3008I   * TRACE = xxx *

> This message occurs if the command 'TRACE=' is entered. For description of parameter xxx see rvsMVS Operations Manual.

DF3009I   *f-sid,xxx* READY TO TRANSMIT

> The modem is waiting for the data link to be made (dial, switch modem to data).

DF3010E   INVALID STATION-ID sid   ENTERED

> A station related command with an invalid station identifier 'sid' has been entered.

DF3011E   INVALID LINE nnn FOR STATION sid

> A station related command has been entered with explicit line specification, but line 'nnn' is not allocated to station 'sid'. Valid allocations can be determined by means of the operator command 'X-sid,L'.

DF3012I   nnn-sid nnn-sid nnn-sid .....

> As a reply to the command 'DL', the physical line addresses 'nnn' and the present allocation to stations 'sid' are indicated.

DF3013I   *f-sid* NO LINE ACTIVE

> Response to the commands 'DS' and 'DV' in case of no active line or session has been found.

DF3014I   *f-sid* LINE lll IS $\left\{ \begin{array}{l} \text{STILL} \\ \text{NOT} \end{array} \right\}$ ACTIVE

> This message appears after the entry of activation or stop command for a BSC line or for a station which uses a BSC line for transmission. This message is issued for example if the command "A lll" has been entered but line lll is already active or if the command "P lll" has been entered but line lll is not active.

DF3015I   *f-sid,mn* text

> Status report of a VTAM session. This message is a response to the commands 'DS' or 'sid'. 'text' can be substituted by:

> **NO ACTIVE SESSION**
> > the subtask is started, but there is no VTAM session established.

> **SESSION BEING ESTABLISHED**
> > The subtask just tries to establish a session.

> **SESSION ACTIVE**
> > This is an active session, on which no data sets are transmitted (operator communication session).

WAITING FOR WORK
> The session is established, but at this time there is no data transfer.

dsname   nnn RE, VOL=volume status
> For a running transmission the following is listed:
> > 'dsname'   data set name
> > 'nnn'   number of transmitted records
> > 'volume'   volume number
> > 'status'   status of this transmission

DF3016A   *** NO SPACE IN LOG-DATA SET, SAVING OF KD AND LOG REQUIRED ***

The LOG data set is completely filled. There will be done no more updates of the control data set. This message is followed by User Abend 3003 decimal (abend of the rvs monitor). Before the rvs monitor is started again, the execution of procedure PDF0014A is required

DF3017I   *   ⎰VTAM⎱ SUBTASK status
**   ⎱X25 ⎰**
**   ⎱RMOP⎰**

This message occurs if one of the VTAM/X25 specific rvs commands has been entered and the required action could not be executed.

The 'status' may be:

NOT ACTIVE
> The rvs VTAM/X25/RMOP control module is not active. It may be started by entering the command 'A rvsVTAM/rvsX25/RMOP'

NOT READY
> The rvs VTAM/X25/RMOP control module has been started, but it is not yet ready to execute rvs VTAM/X25/RMOP commands.

STILL ACTIVE
> The rvs VTAM/X25/RMOP control module has already been started.

DF3018I   * COMMAND IGNORED - PREVIOUS rvs VTAM COMMAND NOT YET PROCESSED
**   - TRY LATER**

The rvs VTAM control module is temporarily unable to process the entered rvs VTAM command. The reason is that the execution of the previously entered command is not yet complete.

DF3019I   *f-sid* LINE nnn IS status

The 'status' may be:

WAITING FOR WORK
> The leased line 'nnn' to station 'sid' has been activated. At present, however, no transmission is active. When data sets are held (see DF5001I) an explicit transmit command (S sid) is necessary to restart the transmission.

PENDING
> The line control for line 'nnn' and station 'sid' has been started but is not yet ready. For the reason see DF3036A.

DF3020I   ***f-sid,nnn* REMOTE STATION IS NOT READY**

> This line has probably not been activated at the remote station. However, there can also have been a modem or a line failure.

DF3021I   ***f-sid,nnn* LINE CONTROL TERMINATED - SYSTEM sss,USER uuu**

> The line control task for station 'sid' and line 'nnn' has terminated with system completion code 'sss' or user code 'uuu' (see DF0301I).

DF3022I
$$\begin{Bmatrix} \texttt{**** VTAM} \\ \texttt{(nn) TCP} \\ \texttt{(nn) X25} \\ \texttt{**** LU62} \\ \texttt{**** RMOP} \end{Bmatrix} \texttt{SUBTASK ENDED - SYSTEM sss, USER uu}$$

> The rvs VTAM/TCP/X25/LU62/RMOP subtask ended. (nn) states the CTCP number (X.25) or the stack number (TCP/IP) assigned with the terminated subtask. If the end of the subtask was not normally, either a system completion code "sss" has occurred or the subtask has been terminated with one of the following user return codes "uu":

> | | |
> |----|----|
> | 00 | normal end |
> | 04 | error during CLOSE of the VTAM/X25/RMOP ACB |
> | 08 | error during OPEN of the VTAM/X25/RMOP ACB |
> | 12 | error during SETLOGON processing |
> | 16 | rvs Session Table missing |

> In all cases of a nonzero returncode, additional error information is displayed before this message appears.

DF3023I   *** DISPATCHER SUBTASK ENDED - SYSTEM sss, USER uuuu**

> The message indicates termination the dispatcher subtask for one
> of the following reasons:
> - the command "P rvs" has been entered (stop of monitor)
> - the command "P DSP" has been entered (stop of dispatcher)
> - an error (system completion code "sss" (hex) or user completion code "uuuu" (dec)) has occurred within the dispatcher routine.

DF3024I   *** ROUTING CODE WILL BE CHANGED TO xx**

> This message is issued as a reply to command 'ROUT=xx'. All following rvs messages will be issued with routing code 'xx'. This message is issued during rvs start, when specifying another routing code than '08' in parm entry.

DF3025I   ***V-sid,nnn* AVERAGE SPEED IS nnnn BITS/s**

> This message is issued as a reply to command 'DV' or 'V-sid' and indicates the cumulative transmission speed since the start of transmission of the current data set. The precision of the speed determined largely depends on the duration of the transmission.

DF3026I   **DISPATCHER SUBTASK STILL ACTIVE**

The command "A DSP" has been entered to start the dispatcher subtask. The message indicates that this task is still active, the command will be ignored.

DF3027E   *f-sid* PROGRAM PROFILE NOT FOUND - LINE ASSOCIATION TERMINATED

Error in the definition of the station table or in the definition of the program profile table.

DF3028I   *Y- $\begin{cases} \textbf{rvsVTAM} \\ \textbf{rvsX25} \\ \textbf{sid,lll} \\ \textbf{RMOP} \end{cases}$ ** * SNAP DUMP TAKEN ***

A SNAP DUMP has been taken either for the VTAM control task, X25 control task, Remote Operator control task or for the BSC line control task of station 'sid' / line 'lll'.

DF3029E   *A sid* NO LINE AVAILABLE

The command 'A sid' has been utilized for activation. No station related line of the lines which are specified in the STATIONS member of the rvs.TABLES data set is available.

DF3030E   *A sid,nnn* REQUESTED LINE NOT ASSOCIATED

The command 'A sid,nnn' has been utilized for activation. The line 'nnn' which is specified in the activate command is not available and could not be associated.

DF3031I   *A sid* LINE nnn ASSOCIATED

During activation of the station 'sid', this station was associated with line 'nnn'.

DF3032I   *T-sid,nnn* TRACE STARTED

After entry of the command 'T sid', this message appears and signifies that a trace has been started for line 'nnn' and station 'sid'.

DF3033I   *A-sid,nnn* TRACE ALREADY ACTIVATED

The command 'T-sid' has been entered although a trace is already running for 'sid' and the line 'nnn'.

DF3034I   *O-sid,nnn* TRACE NOT ACTIVE

The command 'O-sid' has been entered although no trace is still active on line 'nnn' for 'sid'.

DF3035I   *O-sid,nnn* TRACE STOPPED

The trace for 'sid' on line 'nnn' was stopped by the command 'O-sid'.

DF3036A   * rvs OC (A-sid,nnn IS PENDING) ****

The message is the same like DF3001A, but the process of activating the line control task for 'sid,nnn' is not yet complete.

Reason:
The line control module cannot be loaded from the rvs load library - the line control module is
the first program of the used program profile (may be listed via 'X-sid,P). The disk volume, on
which the rvs load library resides, cannot be accessed (may be the disk volume is reserved by
another job).

Action:
Wait, until this disk volume can be accessed or:
1.   Stop the line control 'P-sid,nnn'
2.   Make sure that the rvs load library may be accessed
3.   Activate the line control 'A-sid,nnn'

DF3037I   *A-sid,nnn* REJECTED, TRY LATER

Activating of line control for 'sid' or 'sid,nnn' has been rejected, because a previous activating
for this station or line is not yet complete. Message DF3036I indicates the previous activating.

DF3038I   *** x-ALL y *** COMPLETE

The activation respectively deactivation of all accordingly signed lines respectively sessions
has been performed without error. The values of x / y may be:

x:	A	activate
	P	stop
y:	BTAM	
	VTAM	

or:

DF3038I   *** x-ALL y *** ERROR DETECTED **

It was not possible to activate all signed lines without failure. Reason: An error occurred
during line allocation or after message DF3036A, the command 'P-sid,nnn' has been entered
to stop activation.

DF3039I   COMMAND FROM START MEMBER: command

Display of commands, which are executed automatically after start of the rvs monitor. These
commands may be specified within member "START" of the rvs tables data set, which is
allocated with DD name "START" to the rvs monitor.

DF3040I   parameter=value

Message to display a parameter value if one of the following commands has been entered:
"DSPTI", "DUMP", "HOLD", "PMSG", "ROUT", "SDELAY", "STORAC", "TIME" and
"VOLUME". For a description of these commands see Operations Manual.

DF3040I   x25group=CTCP list

Message to display all defined X25 groups if the command „X25GROUP" has been entered.
For description of these command see Operations Manual.

DF3040I   NO X25GROUP DEFINED

This message occurs if the command "X25GROUP" has been entered but no X25GROUP
has been defined.

DF3040I   MSG,function=name PROCESSED, RC=rc

This message occurs if the command 'MSG,function=name' has been entered. 'function' denotes one of the following functions:

CNSLSUP	suppression of console messages
CNSLDSPL	display of console messages
RMOPSUP	suppression of messages for remote operating session
RMOPDSPL	display of messages for remote operating session

'name' denotes the name of a message subset, which must be defined within the CNTLMSG member of the rvs tables data set. For a detailed description of this member see rvsMVS Installations Manual.
'rc' denotes the returncode of the processed command.
The following return codes may occur:

00	command has been processed successfully
04	specified message subset 'name' not defined in CNTLMSG member
08	CNTLMSG member not available (allocated)

DF3040I   MSG,REFRESH PROCESSED

This message occurs if the command 'MSG,REFRESH' has been entered, the command has been processed successfully.

DF3040I   MSG,DISPLAY: CS=name1 RS=name2 CD=name3 RD=name4
DF3040I   MSG,SETDEF: CS=name1 RS=name2 CD=name3 RD=name4

This message occurs if one of the commands 'MSG,DISPLAY' or 'MSG,SETDEF' has been entered. The command 'MSG,SETDEF' first resets the functions to the defined default message subsets. The message shows, which message subsets are currently assigned to the different functions:

CS	suppression of console messages
RS	suppression of messages for remote operating session
CD	display of console messages
RD	display of messages for remote operating session

DF3040I   MSGOUT PROCESSED

This message is displayed in response to the operator command 'MSGOUT' - output of SYSWTO messages and Dumps allocated to the DD-Names rvsDUMP and SYSUDUMP before monitor end (Please refer to 'OPERATIONS MANUAL'). The message is displayed as first message in the splitted output.

DF3041I   [LOCAL SID: sid,] CURRENT RELEASE: x.y, MODIFICATION LEVEL nn

The message displays the actual rvs software version after start of the rvs Monitor. "**x**" denotes the release, "**y**" denotes the subrelease and "**nn**" denotes the modification level within the subrelease. This information is useful in case of problem determination.
The message is also displayed as response to the command 'DB'. In this case, the own rvs station ID "**sid**" is additionally displayed.

DF3042W   RECEIVE VOLUME EXCLUSIVE WITH UNIT PARAMETER, INPUT IGNORED

The rvs command "VOLUME=value" has been entered. During start of rvs, the rvs start parameter "VOLUME" was not specified. In this case it is not possible to introduce this parameter, the specified command will be ignored.   See the description of the rvs startparameter "VOLUME" or the rvs command "VOLUME" for more information.

DF3043I   CURRENT SOFTWARE DOES NOT INCLUDE $\begin{Bmatrix} \text{SNA} \\ \text{X25} \\ \text{BSC} \end{Bmatrix}$ SUPPORT

You wanted to start a component of rvsMVS which is not included in your rvs installation. A list of the included components is displayed when you start the rvsMVS monitor (see DF3046I).

DF3044I   EXPIRATION DATE OF CURRENT SOFTWARE: ddd/yy

The used rvs load library contains an "expiration date". Such a date may be included in load libraries for test installations. If this date has expired, the rvs Monitor does not perform any action. The monitor will stop just after it has been started. To solve this situation, a new load library is required.

DF3045E   COMMAND REJECTED, USE OF cmp COMPONENT NOT INDICATED

A command related to the component "cmp" has been entered, but either the component is not included in the software or the use of this component is not specified as an rvs startparameter (for example X25USE=äYES!NOü) or the use of the component is not allowed because of licence key restrictions. The specified command is rejected.

DF3046I   {ACTIV} COMPONENTS: list of $\begin{Bmatrix} \text{shipped} \\ \text{active} \end{Bmatrix}$ components

Included/active components of rvsMVS may be SNA, BSC, X25, LU62, TCP/IP or combinations. This message will be issued at monitor start time before and after check of licence and parameters.

DF3047I *U-lll* LAST EVENTS OF THIS BSC LINE (SUBTASK):
DF3047I *U-lll* T=time O=ofst SID=sid EV=event

Display of internal trace data for BSC line "lll". These messages are displayed if the command "U-lll" is entered. Internal tracing is automatically done for switched BSC lines after activation of the line.

"time" denotes the time when the trace entry was written (absolute value with format HHMMSSTH or time difference to the previous trace entry in units of 1/100 seconds).

"ofst" denotes the offset within the module (line control program) where the trace entry is written (trace point).

"sid" denotes the ID of the remote station (if available) to which the line "lll" was connected.

"event" denotes the type of event which was recorded. The following types may occur:

> **UNSPECIFIED**   no special event, significant trace data are only time and offset within the program

> **BTAM IO**   IO operation of the line, the assigned BTAM macro is also

displayed

STOP REQ	a stop request has been detected (operator has entered a stop command)
CANCEL REQ	a cancel request has been detected (operator has entered a cancel command)
LCP2 STARTED	line control program 2 (DF057B00) has started
LCP2 ENDED	line control program 2 (DF057B00) has ended
BTAM RECOVERY	the BTAM error recovery routine within rvs was entered. This routine is entered in some cases independent whether an error has occurred or not.
EXT TRACE	an external trace entry was written
IOSUBTASK ATT	the subtask for data set IO was attached (created)
IOSUBTASK DET	the subtask for data set IO was detached (deleted)

For some of these events additional information may be displayed:
REQ=ISSUED or REQ=COMPLETE indicates whether the request (event) was issued or has completed. In case of a completed request a returncode may be displayed (RC=xx).

```
DF3047I    *U-ORT*   DF018A - COMPUST SET {OFF|ON}
DF3047I    *U-ORT*   DF018A - COMPVST SET {OFF|ON}
DF3047I    *U-ORT*   DF018A - COMPTFR SET {OFF|ON}
DF3047I    *U-ORT*   DF019A - GPF7UST SET {OFF|ON}
DF3047I    *U-ORT*   DF019A - GPF7VST SET {OFF|ON}
DF3047I    *U-ORT*   DF019A - GPF7TFR SET {OFF|ON}
DF3047I    *U-ORT*   DF130B - INCLUST SET {OFF|ON}
DF3047I    *U-ORT*   DF130B - INCLVST SET {OFF|ON}
DF3047I    *U-ORT*   DF130B - INCLTFR SET {OFF|ON}
```

Display of internal flags trace for ULS. These messages are displayed at start of rvsMVS. For internal use only.

```
DF3047I    *U-ORT*   CHECK SMF SVC – MODUL=xxxxxxxx
DF3047I    *U-ORT*   QNAMES RNAMES RC=xxx
```

These messages are displayed at start of rvsMVS. For internal use only.

```
DF3048W   *F-sid* AUTODIAL REJECTED  -  ISTATUS=INACTIVE
```

A request to establish a connection with station 'sid' has been rejected because the stations entry is not released until now. ISTATUS can be changed dynamically by the Operator (see rvs Operations Manual) if necessary.

```
                                 ⎧BTAM⎫
DF3049I   *X-sid* (via sid2)  xx ⎨     ⎬ telephone address
                                 ⎩VTAM⎭
```

As a reply to the operator command 'DX', relay station 'sid2', option byte 'xx' of the stations table (see 4.4), access method, telephone number and address of the station 'sid' are listed.

```
DF3050I   ENVIRONMENT: MVS-RELEASE rel FMID fmid CPU-MODEL mod
```

This message displays some information about the (MVS) environment during start of the rvs monitor.

DF3051E   *D-SID* COMMAND REJECTED - ANOTHER D-SID IS STILL PENDING

It is not possible to enter a D-sid command when a previous D-sid command has not been completed. Check for the outstanding reply of the previous D-sid command by entering an invalid reply to the rvs-monitor (e.g.: '?').

DF3052E   WRONG PARMRECORD (TYP 01) IN CONTROL DATASET, NO WORKING ALLOWED

Severe error in control data set occurred. Please contact your software distributor

```
                                    ⌠- CPU ID -                        ⌉
                                    |- EXPIRATION DATE -               |
                                    |- NO USER - TEST KEY > 31 DAYS -  |
                                    |- PROD KEY > 27 MONTHS -          |
                                    |- PROD KEY - NO NAME, NUMBER -    |
                                    |- BAY VERSION - TEST KEY -        |
                                    |- USER TEST KEY > 13 MONTHS -     |
DF3053E   INSTALLATION NOT COMPLETE ⟨- RELEASE NUMBER -               ⟩
                                    |- PRODUCT NAME -                  |
                                    |- PARAMETER M NOT DEFINED -       |
                                    |- PARAMETER K/R NOT DEFINED -     |
                                    |- INCORRECT VERSION -             |
                                    |- ALL MONITORS IN USE -           |
                                    |- NOT FOUND SMF SVC -             |
                                    |- LICENCE KEY -                   |
                                    ⌊- OTHER -                         ⌋
```

Severe error in installation, the licence key is invalid or has expired. Please contact your software distributor.

DF3054E   License will expire in xxx days

License key will expire in xxx days. Please contact your software distributor.

DF3055I   *A-sid,XXXXX* ACTIVATION REJECTED ----- ISTATUS INACTIV

ISTATUS=INACTIVE has been specified for station entry sid. Change this parameter to ISTATUS=ACTIVE within the STATIONS table.

```
                                  ⌠X.25 CTCP⌉
DF3056P   (nn) RE-ACTIVATION OF rvs/ ⟨          ⟩ SUBTASK STARTED
                                  ⌊ TCP/IP  ⌋
```

The rvs/X.25 CTCP subtask (nn) (or the TCP/IP controltask for stack nn) has ended abnormally. An automatic re-activation attempt is initiated. In case of failure it is repeated once per minute until activation is successful or a stop command for this control task is entered..

DF3057E   *F-SID* CMD NOT EXECUTABLE, STATION NOT DIRECTLY CONNECTED

A command for station "sid" (e.g. "A-sid" or "T-sid") has been entered. This command is not executable because the specified station is not directly connected but may be accessed via a relay station. Command "X-sid" may be used to display via which other station the specified station "sid" is connected. In this case, commands like "activate", "stop", "trace" etc. are valid only for the (directly connected) relay station.

DF3059I   * SPECIFIED STATION sid ALREADY ACTIVE**

The message occurs if the command 'A-sid' for a X.25 station has been entered and the specified station is already active.

**   *** SPECIFIED STATION sid NO SCT ENTRY FREE**

The message occurs if the command 'A-sid' for a X.25 station has been entered and SCT (Session Control Table) not free entry exist. Check the parameter MAXSVC in CNTL table.

**   *** SPECIFIED STATION sid MAX SESSION ACTIVE**

The message occurs if the command 'A-sid' for a X.25 station has been entered and the maximum sessions for this station (sid) exist (check the parameter X25SESS in station table for sid).

DF3060I   (nn) ACTIVATION FOR STATION sid REJECTED - NO RESSOURCES AVAILABLE

The message occurs if the command 'A-sid' for a X.25 station has been entered and all SVCs of the CTCPs, which are defined for the specified station, are in use.

**DF3061W   (nn) ACTIVATION FOR STATION sid REJECTED - SPECIFIED CTCP NOT DEFINED
FOR THIS STATION**

The message occurs if the command 'A-sid,Cnn' for a X.25 station has been entered but the specified CTCP number is not defined for this station. (See definition of parameters X25GROUP and X25NUM in Installations Manual)

DF3062W   * COMMAND REJECTED - SPECIFIED $\left\{ \begin{array}{l} \text{CTCP} \\ \text{TCP/IP STACK} \end{array} \right\}$ NOT DEFINED**

The message occurs, if a command which includes a specification of an X.25 CTCP (TCP/IP control task) has been entered (e.g. A-RVSX,C1 or A-RVST,C10) and the specified CTCP number (TCP/IP stack number) is not defined (see rvs start parameters, member CNTL of the tables data set, Installations Manual).

DF3062W   (nn) $\left\{ \begin{array}{l} \text{SPECIFIED CTCP} \\ \text{TCP/IP CONTROLTASK} \end{array} \right\}$ $\left\{ \begin{array}{l} \text{NOT ACTIVE} \\ \text{NOT READY} \\ \text{ALREADY ACTIVE} \end{array} \right\}$

The message occurs, if a command which includes a specification
of an X.25 CTCP (TCP/IP controltask) has been entered (e.g. A-RVST,C1 or P-RVST,C10)
and the specified CTCP (TCP/IP controltask) is
- not active
- not ready to process an operator command at this time
- already active

DF3063E   **rvsMVS LICENCE KEY IS EXPIRED**

License Key is expired.

DF3064I   **APF-AUTHORIZATION: YES / NO**

This message shows if APF authorization is used or not.

DF3065E   **DELAY COMMAND FAILED - WRONG TIME VALUE**

The DELAY command in startmember contains a wrong time value

DF3066I   **<MODULE> STARTED --- VERSION=**

This message shows the monitor / license task version information.

DF3201P   **REFRESH OF STATION RECORDS STARTED, LEVEL=date/time**

During start of the rvs-monitor and during execution of the refresh for the stations table (rvs-command 'REFR STAT'), a refresh of the station records whithin the rvs control dataset is done. The station records include station-depentent information and are used for checks when send requests are created (module DF080A00). LEVEL indicates the assembly date and time of the refresh-module.

DF3202P   **REFRESH COMPLETE – NEW: n1, DEL: n2, UPD: n3, TOTAL: n4**

Refresh of the of the station records whithin the rvs control dataset is complete. The message displays the number of inserted. deleted and modified records as well as the total number of station records.

DF3203P   **REFRESH OF STATION RECORDS ALREADY ACTIVE - NOT EXECUTED**

Refresh of the of the station records whithin the rvs control dataset is just executed by another rvs-monitor whithin the installation. In this case, a second (parallel) refresh is not executed.

DF3301I   ***f-sid* NO DATA SET dsname QUEUED**

In the commands 'H-sid' or 'S-sid' a data set with the name 'dsname' was specified for which no transmit request has been stored

DF3302I   ***S-sid* ENTER VOLUME NO. OF DATA SET TO BE RETRANSMITTED OR 'END'**

After entry of the command 'S-sid,name' the operator is asked for the volume number.

DF3303I   ***f-sid* NO ENTRY dsname/volume PROCESSED**

This message is a response to the command 'S-sid'. An entry of control data set assigned to the data set 'dsname' on volume 'volume' could not be changed because such an entry could not be found.

DF3304I   **COMMAND 'F-ALL' COMPLETED**

This message is a response to one of the commands 'S-ALL' or 'H-ALL'. These commands may be used to set all send requests into 'hold state' (H-ALL) or to release all send requests from the 'hold state' (S-ALL).

DF3305I   *f-sid* DATASET dsname ALREADY TRANSMITTED

This message indicates that the file 'dsname' has already been successfully transmitted and the remote station has sent a response back in order to inform the sender about the successful file transfer. A retransmission of this file is not possible, the send request will not be changed.

DF3306E   *f-sid* INVALID PARAMETER VALUE NEWSID=sid2 SPECIFIED

This message is a response to the command 'S-sid,name,NEWSID=sid2'. The station-ID of the remote station should be changed from 'sid' to 'sid2', but the new station-ID 'sid2' is invalid (not defined within the rvs stations table). The station-ID will remain unchanged.

DF3307P   *F ORT* DATASET name JUST TRANSMITTED
DF3308P   *F ORT* JOBNM=XXXXXXXX JOBNR=XXXXXXXX OWNER=XXXXXXXX SYSTEM=XXXXXXX

For FTP component only. This message indicates that the file 'dsname' has already been just successfully transmitted.

DF3309P   *F ORT* INVALID REPLY - REENTER COMMAND

Invalid reply of the command 'S-sid,name'. Please reenter command.

DF3400I   *S-sid* DSN=dsname VOL=volume

The transmission of the data set 'dsname' is starting. In the event of an restart, the point at which it takes place is also indicated by 'RESTARTING ON BLOCK nnn'. The message remains on display until the transmission of data begins.

DF3401A   *S-sid* ENTER 'GO' OR 'HOLD' OR A NEW RESTART COUNT

This message is issued if the restart counter automatically determined from the transmission varies considerably from the number of blocks already transmitted. This message immediately follows the message Df3400I which indicates the restart. The difference can be determined by 'N-sid,S=name'.
The following possible actions can be taken:

'GO':   The restart is to take place as indicated in DF3400I.

'HOLD':   No restart to be executed. 'S-sid,name' is required after the situation is clarified.

'nnnnn':   2 - 6 digit new restart count. Since no logical check of this counter is performed by rvs monitor, it is advisable to reach an agreement with the receiver by telephone.

DF3402E   *S-sid* LRECL MUST BE LESS THAN 2045 BYTES - SENDING IS IMPOSSIBLE

The remote station is not able to handle a line protocol which allows data compression. In this case the LERCL of the data set to be transmitted must be less than the physical size of the line buffer (2045 bytes). Otherwise no transmission can take place.

DF3405E   *S-sid* I/O ERROR ON VOLUME=volume, DSN=dsname

A read error has occurred in the data set indicated. The transmission is aborted. No automatic restart takes place. If the error occurs again after a restart, the data set must either be copied with a utility or re-established. Another cause of this error can be that the data set contains no data.

DF3411E   *S-sid* RESTART COUNT EXCEEDS BLOCKNUMBER

The data set contains less blocks than specified by the receiver during restart. The restart is not possible, no subsequent automatic restart takes place.
Another cause can be that the data set was re-established in the meantime, and the new data set is smaller than the original one.

DF3412E   *f-sid* INCONSISTENT VALUES: LRECL= nnnnn, LINEBLK=rrrr

This message appears only in connection with transmissions to non IBM computers. A data set can't be transmitted because the length of the data record which is just transmitted is larger than the length of the available line buffer. The maximum length of the line buffer is 2048 bytes, so it is not possible to transmit data sets with a record length of more than 2048 bytes. The current value of the (station dependent) line buffer length is defined within the rvs Stations Table (parameter "LBLKSIZE", see Installations Manual) and may be modified with the command "F sid,SIZE=nn", see Operations Manual). After this message the transmission is aborted with the user completion code 346. The status of the send request is changed from the active to the hold status. So an automatic start or restart is prevented.

DF3414A   *f-sid* DATA SET NOT FOUND ON SPECIFIED VOLUME

The data set to be transmitted (see DF3400I) is not located on the specified volume. A system completion code of 213 is written into the assigned control data set entry. The status of the entry changed from the active to the hold status. So an automatic start or restart is prevented.
Causes can be:
- Incorrect data set name or incorrect volume number was specified during queuing for transmission.
- The data set has been deleted in the meantime.

DF3415A   *S-sid* VOLUME volume IS NOT MOUNTED

Access to the data set to be transmitted is not possible because the required disk is not mounted (not online).

DF3416P   *S-sid* SPACE = nnnnn/mmmmm TRKS

During start to transmit a data set to 'sid' the occupied disk space is listed.

    nnnnn   = Number of occupied tracks
    mmmmm   = Number of occupied tracks in 3330 units

DF3417E   *S-sid* DYNAMIC ALLOCATION ERROR xxxx

An error has occurred during data set allocation. For error code xxxx see IBM brochure (OS/VS2 MVS System Programming Library: Job Management).

DF3419W   *S-sid* DATA SET EXCEEDS ONE 3330 VOLUME - COMPRESS REQUIRED

The data set to be transmitted exceeds the capacity of a 3330 disk. The data set can be compressed in advance by means of program DF081A00 (see rvsMVS User's Manual). The data set is transmitted anyway. This is only a warning message. No action required.

DF3420W   *S-sid* BLOCKSIZE EXCEEDS ONE 3330 TRAK

The block size of the data set to be transmitted exceeds the maximum block size used for 3330-disks. The data set is transmitted anyway.

DF3421E   *S-sid* DATA SET EXCEEDS MAXIMUM BLOCK NUMBER, TRANSMISSION TERMINATES

The data set to be transmitted contains more than 65.535 blocks. The transmission is cancelled with return code X'34'.

DF3502E   *R-sid* DYNAMIC $\begin{cases} \text{UN-ALLOC.} \\ \text{ALLOCATION} \end{cases}$ ERROR xxxx-yyyy

A data set shall be (has been) received from the rvs station "sid". The output data set could not be allocated/unallocated. For significance of
  xxxx   Error reason code
  yyyy   Information reason code

see IBM brochure (OS/VS2 System Programming Library: Job Management).

DF3504E   *R-sid* NO ACTIVE CONTROL RECORD FOUND - RESTART IS IMPOSSIBLE

An automatic restart took place but the appropriate record in the control data set has been deleted in the meantime. Transmission must be restarted by 'R-sid,dsname'.

DF3505E   *R-sid* REQUIRED VOLUME volume IS NOT MOUNTED

The volume indicated in this message must be mounted for transmission of a data set. If this disk volume does not exist the corresponding resident receive record must be changed.

DF3506E   *R-sid* ALLOC. ERROR nn ON VOLUME vvvvvv, REQ. SPACE = ttt,
DATA SET= dsname

'ttt' tracks have been requested on volume 'vvvvvv' for allocation of the data set 'dsname'.
An error 'nn' has occurred:
  04   data set already exist on volume. To receive the data set on this volume, a resident receive entry must be created.
  08   no space in the VTOC available.
  12   write / read error in the VTOC.
  20   insufficient space available.

In case of multiple allocation attempts on other volumes, the subtask aborts with RC 12. The user must take care that sufficient space exists on accessible volumes.

DF3507A   *R-sid* SYMBOLIC UNIT unit NOT DEFINED - DATA SET WILL BE
STORED ON TAPE

An invalid unit name 'unit' has been specified to receive the data set (see rvs User Manual). The data set will be received on a work volume. After receiving it will be copied to tape.

DF3508E   ***R-sid* dsname ALREADY EXISTS ON ALL VOLUMES OF UNIT unit –**
WILL BE STORED ON TAPE

The data set 'dsname' should be received on a disk volume which is a part of the unit group 'unit', but all disk volumes of this unit already contain a data set with name 'dsname'. The data set will be received on work volume and than it will be copied to tape.
The following may be done to avoid this situation:
1.   After processing the received data set delete this data set.
2.   Specify a unit group, which is consisting of more disk volumes.

DF3509E   ***R-sid* dsname INVALID LRECL/BLKSIZE (.../...) IN HEADER**

The remote station specified an invalid value LRECL or BLKSIZE in the header protocol record for the data set 'dsname' which shall be received.

DF3510E   ***R-sid* I/O ERROR ON OUTPUT DATA SET - NEW TRANSMISSION**
REQUIRED   (NO RESTART)

A disk error has occurred during data output. No restart is possible and a new transmission is required. An attempt will be made to utilize another volume.

DF3511E   ***R-sid* I/O ERROR DURING RESTART POSITIONING - NEW TRANSMISSION**
REQUIRED (NO RESTART)

The data set already received cannot be read because of a read error. A new transmission is required.

DF3512E   ***R-sid* RESTART COUNT EXCEEDS DATA SET BLOCK COUNT RETRANSMISSION WILL**
BE STARTED WITH LOWER COUNT

The number of blocks received is lower than the specified restart count. The transmission can be restarted by means of the operator command 'R-sid'.

$$\text{DF3513I} \quad \text{*R-sid* dsname/volume} \begin{cases} \text{STARTING} \\ \text{RESTARTING ON BLOCK nnn} \end{cases}$$

The start (restart) of reception of the data set "dsname" (on volume "volume") takes place. In case of a restart, the restart point (block nnn or record nnn) is displayed. The message remains displayed until the data set is positioned at restart point.

DF3514E   ***R-sid* INVALID BUFFER TYPE (t) RECEIVED - BUFFER IGNORED ******

A line block with invalid type 't' has been received. This block is to be ignored and the transmission will be continued.

DF3515E   ***R-sid* EXPECTED BLOCKNUMBER IS nnnn RECEIVED BLOCKNUMBER IS mmmm**

An error has been detected in the block sequence check: Instead of the expected block nnnn, block mmmm was received. A restart is required.

DF3516P   **a1   a2   b1   b2   c1   c2**

For purposes of checking, the following data are displayed after reception of a data set:

a1	= number of data blocks received
a2	= number of data blocks transmitted
b1	= number of line blocks received
b2	= number of line blocks transmitted
c1	= number of characters received
c2	= number of characters transmitted

DF3517E   *R-sid,nnn* REQ. SPACE (nnnnn BLOCKS) NOT AVAILABLE

For additional information see message DF3502E. The output data set could not be allocated because the space required (nnnnn blocks) is not available. This message may appear when a particular receive volume has been specified in a resident receive entry.

Action:
- make enough space available on the volume concerned
- specify another volume
- make sure that a space allocation on work volumes is possible (don't specify a volume in the resident receive entry).

DF3518W   *R-sid* LOCATE MACRO FAILED FOR dsn
DF3518W   *R-sid* LOCATE FAILED, RC=xx-yy, DSN=dsn

A data set is to be received from station "sid", this data set is to be cataloged at the end of the transmission. The received data set is treated as a GDG data set. Therefore the current generation must be determined. But this is not possible because the LOCATE macro failed. "xx" and "yy" denote the returncodes (content of reg. 15 and reg. 0) of the LOCATE macro, "dsn" denotes the data set name as used for the LOCATE macro. One reason may be that no GDG base has been defined for this data set. After this, rvs tries to catalog the received data set with the original name received from the remote station. For a description of GDG processing see rvsMVS User's Manual (Benutzerhandbuch).

DF3519W   *f-sid* DATA SET NOT CATALOGED (reason)

The data set "dsn" has been received from station "sid". At end of transmission, this data set is to be cataloged, but this could not be done because of one of the following reasons:

DEVICE CODE NOT FOUND
the device code of the receive volume could not be determined (program internal error)

RENAME FAILED
may happen in conjunction with GDG processing

RC=xx
the CATALOG macro failed. "xx" denotes the returncode (register 15) in hexadecimal of the CATALOG macro. For this returncode see for example the IBM manual "OS/VS2 SPL Data Management".

DF3519P   *R-sid* ADDRESS ALRBPTR=xxxx xxxx

In case of a dynamic allocation error during allocating a receive data set, the dynamic control blocks are listed.

DF3520I   *R-sid* REMOTE STATION NOT AUTHORIZED TO SPECIFY PROCESSING OPTION

A data set shall be received by station 'sid'. The transmitter of this data set has been specified some receive parameters (i.e. specification of the receive volume). The station 'sid' is not authorized to define specifications like this. The data set will be received in a normal way. The specifications made by the transmitter are to be ignored (see rvsMVS Installation Manual for different authorization levels).

DF3521I   *R-sid* REMOTE STATION NOT AUTHORIZED TO REPLACE DATA SETS

A data set shall be received by station 'sid'. The transmitter specified for this data set that in case of an already existing data set of an equal dsname on receiving side, this data set is to be replaced. But the station 'sid' is not authorized for this function. The data set will be received in a normal way. The specification made by the transmitter is to be ignored (see rvsMVS Installation Manual for different authorization levels). A replacement of the data set doesn't take place.

DF3522E   *R-sid,lll* ERROR ON BLANK EXPANSION POSSIBLY REMOTE STATION SPECIFIED INCORRECT BLOCKSIZE

An error occurred during expansion of compressed received data from station 'sid' (rvs-internal compression of transmitted data). May be, the transmitting station 'sid' specified invalid DCB-attributes for this data set. This is possible if the remote station works with the rvs-DOS Monitor.

DF3523I   *R-sid,nnn* REMOTE JOB dsname NOT AUTHORIZED, PROCESSING NOT STARTED

The data set 'dsname' from 'sid' should be started as a job after reception (remote JOB PROCESSING), but the remote station is not authorized to use this function. For a definition of (station dependent) authorization, see rvsMVS Installation Manual, description of rvs Stations Table, parameter "OPTIONS".

DF3524I   *R-sid,nnn* RECEIVED DATA COULD NOT BE CATALOGED, RC=xx

The data set could not be cataloged. For the reason see return code 'xx' of the CATALOG macro (IBM Brochure OS/VS2 System Programming Library: Data Management).

DF3525W   *R-sid* NONZERO RETURN CODE OF INSTALLATION EXIT DFUX001
DF3525W   *R-sid* ONLY INSTALLATION STANDARDS WILL BE USED TO RECEIVE dsname
DF3525E   *R-sid* RECEIVING OF dsname REJECTED BY DFUX001

See DF3735W (DF3735E).

DF3526E   *R-sid* text

This message precedes the message DF3525W. 'text' is a message which is passed to rvs by the user exit.

DF3527E   *R-sid* DATASET dsname ALREADY EXISTS ON VOL=volume

The data set "dsname" shall be received from station "sid". As a result of transmission control (for example rvs start parameter "VOLUME"), this data set is to be received on disk volume "volume". But a data set with this name is still existing on this disk volume. In this case rvs does not modify the existing data set. Receiving of data set "dsname" will be cancelled by rvs. The file can be received from station "sid" only if a data set with this name does not exist on the specified disk volume.

DF3528E   *R-sid* INVALID HEADER FIELD: fieldname=value

A headerrecord has been received (indicating that a data set is to be received). This record contains an invalid value in one of its fields. The name of the field and the value of this field is displayed in this message. As a result of this error, the transmission will be terminated with user code 12.

DF3529E   *R-sid* RECEIVING OF dsname REJECTED, DUPLICATE FILE

See message DF3738E

DF3530E   *r-sid* FOR FIXED RECORD FORMAT BLOCK SIZE MUST BE IDENTICAL WITH RECORD LENGTH

This message mainly refers to reception from a DOS station. Fixed record format has been chosen but the block size is inconsistent with the record length.

DF3531I   *R-sid mn* DATASET dsname IS NOW BEING RETRIEVED FROM MIGRATION

See DF3740I

DF3532E   *R-sid mn* DATASET dsname COULD NOT BE RETRIEVED FROM MIGRATION

See DF3741E

DF3601I   *S-sid mn* DSN=dsname VOL=volume STARTING

The transmission of the data set 'dsname' is starting. If the transmission is a restart, the message is extended by 'RESTARTS AT RECORD nnn', an information about the restart count. The message is kept on the screen until the first data bytes have been transmitted.

DF3603E   *S-sid mn* RESTART-COUNT EXCEEDS TOTAL AMOUNT OF RECORDS IN THE DATA SET

The data set consists of less records than the restart count specified by the receiving station. Any restart is impossible, the send request is set into the HOLD - status.

DF3604A   *S-sid mn* DATA SET NOT FOUND ON SPECIFIED VOLUME

The data set to be transmitted (see DF3601I) is not located on the specified volume.

DF3605E   *S-sid mn* VOLUME volume IS NOT MOUNTED

Access to the data set to be transmitted is not possible because the required volume is not mounted or not online.

DF3606E   *S-sid mn* RECORD LENGTH EXCEEDS BUFFER LENGTH, TRANSMISSION NOT POSSIBLE

The transmission of the queued data set shall be executed in an unblocked mode. The record length exceeds the buffer size of 2000 bytes. That's the reason why a transmission is impossible. The data set will be placed in a HOLD - status.

DF3607E   ***S-sid mn* DYNAMIC ALLOCATION ERROR ERR=xxx, INFO=xxxx**

An error occurred during data set allocation. For error reason code (ERR) and info reason code (INFO) see IBM manual OS/VS2 MVS SPL: Job Management.

DF3609E   ***S-sid mn* REMOTE STATION DOES NOT SUPPORT PDS TRANSFER FUNCTION**

A partitioned data set (PDS) is to be transmitted, but the remote station does not support this function (either the remote station has not installed rvsMVS or has installed an older release of rvsMVS which does not include this function). The data set queued to station "sid" cannot be transmitted, the send request for this data set is placed in the "hold state".

DF3610E   ***S-sid mn* I/O-ERROR ON INPUT DATA SET - NEW TRANSMISSION REQUIRED (NO RESTART)**

An error occurred during reading the indicated file. A restart is not possible. The file will be placed in 'hold status' and must be created a second time.

DF3611E   ***S-sid mn* I/O ERROR DURING RESTART POSITIONING - NEW TRANSMISSION REQUIRED (NO RESTART)**

An error occurred during restart positioning of the indicated file. No further automatic restart takes place. The file will be placed in 'hold status' and must be created a second time.

DF3613W   ***S-sid mn* dsname NOT** $\begin{cases} \text{UNCATLGD xx} \\ \text{DELETED yy-zz} \end{cases}$

The data set "dsname" has been completely sent to station "sid". After this, the data set disposition is performed. In this case, execution of the data set disposition failed. The data set could not be uncataloged or could not be deleted.

"xx" denotes the returncode (register 15) in decimal of the CATALOG macro,
"yy" denotes the returncode (register 15) in decimal of the SCRATCH macro,
"zz" denotes in decimal the scratch status code of the SCRATCH macro.

(for a description of these return codes see for example the IBM manual "OS/VS2 SPL Data Management").

DF3614I   ***S-sid mn* dsname * TRANSMISSION COMPLETE** $\begin{cases} \text{KEPT} \\ \text{DELETED} \\ \text{UNCATLG} \end{cases}$

The transmission of the data set is complete. The rvs response record of the remote station has been received. The rvs stream ended without any failure and the disposition of the data set has been executed.

DF3615E   ***S-sid mn* WRONG R-RECORD RECEIVED**

A rvs response record has been received - but the contents of the record is not compatible with the contents of the actual record of the rvs control data set.

```
DF3616E    *S-sid mn* NO RACF AUTHORIZATION FOR dsn1
DF3616E    *S-sid mn* OLDDSN = dsn2
```

The data set 'dsn1' shall be transmitted to station 'sid'. During this time an open error occurs (System Completion Code 913-38). The rvs monitor has no RACF authorization to read this data set. The second line of the message appears only if the rename function is to be used. In this case 'dsn2' is the name of the physical data set which is without access rvs authorization. After this situation the send request is set in 'hold status'.

```
DF3625I    *S-sid mn* dsname nnnnnnn RE  VOL=volume  status
```

The status message is generated at end (or abend) of transmission. nnnnnnn denotes the number of transmitted records of the data set 'dsname' on 'volume'.
Status may be:

CANCELLED	the transmission has been cancelled by operator.
ABEND sss,uuu	the transmission terminated with system 'sss' or user 'uuu' abend code.
** END *** KEPT	the transmission ended without failure.

```
DF3626E    *S-sid mn* ESTAE RECOVERY FOR ABEND code, DSN=dsname
```

A file with the name "**dsname**" is to be sent to station "**sid**". An abend "code" has occurred (e.g. system abend S001 or S013). This abend will be recovered by normal termination of the transmission. A dump will not be written for the abend. The send request is deleted in case of this error, it is assigned with the status of an abended transmission.

```
DF3634E    *S-ORT MO* KDUPDAT RC=XXX
DF3635P    *R-ORT M0*   00010203 04050607 08090A0B 0C0D0E0F  *0123456789ABCDEF*
```

Messages DF3634E until DF3635P are for error detection only. They are not in effect for users purpose.

```
DF3701P    *R-sid mn* DSN=dsname        STARTED
```

A rvs header record has been received with the indication to receive the data set 'dsname'.

```
DF3702E    *R-sid mn* DYNAMIC ALLOCATION ERROR xxxx-yyyy
```

The allocation of the output data set failed. For a description of the error reason code xxxx and the info reason code yyyy see OS/VS2 MVS SPL: Job Management.

```
DF3702E    *R-sid mn* OUTPUT DATASET ALREADY IN USE
```

A data set is to be received, but the output data set is just used by another task within the rvs monitor. This situation should normally not occur. One reason for this might be that files from different remote stations shall be stored in the same output file (as specified in resident receive entries) and the replace function is also used.
If this situation is detected, the transmission will be cancelled and dynamic allocation error 0210-99 is used as error indication.

```
DF3703P    *R-ORT M0* ENQ ISSUED FOR SYSDSN/name
DF3703P    *R-ORT M0* GDG ENQ NOT AVAILABLE - SYSDSN/name
```

Message DF3703P is for error detection only. They are not in effect for users purpose.

DF3704E   *R-sid mn* NO ACTIVE KD-RECORD FOUND - RESTART IS IMPOSSIBLE

A restart is required but the active entry in the rvs control data set has been deleted. The whole file must be transmitted once more.

DF3705E   *R-sid mn* REQUIRED VOLUME volume NOT MOUNTED

The disk volume 'volume' is requested to receive a data set. If the specified volume cannot be mounted, the record of the control data set must be changed to receive the data set on another (mounted) volume.

DF3706A   *R-sid mn* SYMBOLIC UNIT unit NOT DEFINED - DATA SET WILL BE ON TAPE

An invalid unit name 'unit' has been specified to receive the data set on this unit (see rvs User Manual). The data set will be received on a work volume and then stored to tape.

DF3707E   *R-sid mn* WRONG $\left\{ \begin{array}{l} \text{RECORD} \\ \text{BYTE} \end{array} \right\}$ COUNT IN TRAILER

A rvs trailer record has been received. This record contains a record and a byte count from the transmitting station. A difference between the counts of the own and the transmitting station has been detected. A new transmission of this data set is required.

DF3708A   *R-sid mn* dsname ALREADY EXISTS ON ALL VOLUMES OF UNIT unit
DF3708A   *R-sid mn* OR NOT ENOUGH SPACE ON UNIT unit

The data set 'dsname' should be received on a disk volume which is a member of the unit group 'unit', but all disk volumes of this unit group already contain a data set 'dsname' or there is not enough space to allocate the data set on this unit group. As a result of this error, the transmission will be terminated, the data set 'dsname' cannot be received until the problem with the unit group 'unit' is solved
The following action may be done to avoid this situation:

1.   Delete the data set after processing (automatic jobstart).
2.   Specify a unit group which consists of more disk volumes
3.   Use the GDG function if many files with same names are to be received within short time.
4.   Make sure that there is enough space to allocate files to be received

DF3709E   *R-sid mn* RESTART COUNT OF SENDER EXCEEDS RESTART COUNT OF RECEIVER

A rvs header record has been received. In this record the restart count of the transmitting station exceeds the number of received.
A new transmission of this file is required.

DF3710E   *R-sid mn* I/O ERROR ON OUTPUT DATA SET - NEW TRANSMISSION REQUIRED
**   (NO RESTART)**

During output of data records an I/O error occurred. A restart is
not possible. A new transmission is required.

DF3711E   *R-sid mn* I/O ERROR DURING RESTART POSITIONING - NEW TRANSMISSION

REQUIRED (NO RESTART)

The received data set cannot be read for restart positioning, a new transmission is required.

DF3712E   *R-sid mn* RESTART COUNT EXCEEDS DATA SET RECORD COUNT

In the header record the transmitting station specified a restart count which exceeds the number of received data records.

DF3713I   *R-sid mn* dsname/volume (RESTARTS AT RECORD n)

Start message for the specified data set. In case of a restart this message remains on screen until restart positioning of the data set has been completed.

DF3714P   *R-sid mn* DELETING EXISTING FILE BECAUSE OF SPECIFIED EXPIRATION DATE

A restart for a file with an expiration date is to be done. But the extension of an existing file with expiration date requires operator intervention. To avoid this, the restart file will be deleted (IDCAMS command DETETE dsn PURGE) and the transmission will be cancelled. The file then will be transmitted again with the next restart attempt.

**DF3715E   *R-sid mn* EXPECTED LINE BLOCK NUMBER IS nnnn RECEIVED LINE BLOCK
NUMBER IS mmmm**

An error has been detected within the sequence of transmitted line blocks.

DF3716P   *R-sid mn* a1 a2 b1 b2

The following counters are listed after receiving a data set.

a1	number of the received data records.
a2	number of data records transmitted by the remote station.
b1	number of the received characters.
b2	number of characters transmitted by the remote station.

DF3717E   *R-sid mn* REQ. SPACE (n BLOCKS) NOT AVAILABLE

Additional information to DF3702E. The output data set could be allocated, because the required space of n BLOCKS was not available. Normally this message occurs only if the data set shall be directed to a specified volume.

**DF3718E   *R-sid mn* LINE BLOCK LENGTH (nnnnn) LARGER THAN RECEIVED BUFFER
LENGTH (mmmmm)**

An error was detected in the format of the received line buffer. The line buffer length - specified in the two first bytes of the line buffer - is not equal to the number of the received bytes.

DF3719P   *R-sid mn* ADDRESS ALRBPTR=xxxxxxxx

If an error occurs during allocation of a data set the dynamic allocation control blocks are listed in hexadecimal code.

DF3720E   *R-sid mn* INCONSISTENT LENGTH VALUE IN LINEBUFER DETECTED

The transmitting station specified an invalid length value in a data record. The transmission of the data set is cancelled, an rvs trace (command T-sid) should be started to obtain error information in case of a later restart. If the problem still exists in a later restart, the software of the sending station does probably not work ok, the trace should be passed to the producer of the sending software.

DF3721E   *R-sid mn* BLOCKSIZE/LRECL NOT PROVIDED

The rvs header record sent by the transmitting station did not contain any value about record- or block length of the data set.

**DF3722E   *R-sid mn* BLOCKSIZE/LRECL LARGER THAN MAX. BLOCKSIZE OF
RECEIVING DISK**

The block length of the output data set exceeds the maximum track capacity of the used disk volume. An automatic deblocking was not possible.

DF3723E   *R-sid mn* REMOTE JOB dsname NOT AUTHORIZED - PROCESSING NOT STARTED

The data set 'dsname' has been received from the remote station 'sid'. These data set should be submitted as a job, but for the station 'sid' there is no authorization to do this.

DF3724P   *R-sid mn* ???????????????????????????????

This message is issued by the SNA LU 0 Protocol task when a data set has been received. One of the following actions and/or errors have occurred after receiving:

DATASET RENAMED: dsname
   With DFSMS the data set is received under a temporary data set name with timestamp. After complete reception the data set has been renamed to its final name 'dsname'.

DATASET NOT CATALOGED xx
   The data set could not be cataloged after receiving. For the information reason code 'xx' see MVS/ESA Authorized Assembler Programming Guide.

DATASET NOT SCRATCHED (RC=xxxx/xxxxxxxx): dsname
   The temporary data set could not be cataloged after start of reception. For this reason the already allocated data set is to be scratched which did not end successfully. For return and diagnosis codes 'xxxx/xxxxxxxx' see DFSMS/MVS Diagnosis Reference.

DATASET NOT RENAMED (RC=xxxx/xxxxxxxx): dsname
The temporary data set could not be renamed after reception. For return and diagnosis codes 'xxxx/xxxxxxxx' see DFSMS/MVS Diagnosis Reference. '**dsname**' denotes the old data set name (timestamp). This message is followed by:

DATASET TARGET NAME: dsname

The message displays the new data set name of the failed rename.

DATASET GDG LOCATE (RECOVERY): NO NEW VERSION EXISTING

The current GDG-version could not be renamed/cataloged. rvs checks whether the current version of the GDG is still the highest version. If the current version is not the highest version, rvs determines the next new version and tries to rename/catalog this new version. This message displays that recovery by increasing of the version number is not possible.

DATASET ALREADY CATALOGED: dsname
> The received data set could not be cataloged after reception because a data set with identical name 'dsname' already exists. The data set will reside on disk under a temporary name with timestamp.

DATASET ALREADY CATALOGED AND NOT RE-RENAMED (RC=..../........)
DATASET NOT CATALOGED AND NOT RE-RENAMED (RC=..../........)
> The received data set could not be cataloged after reception but has already been renamed to its final name. While renaming it back to its temporary name an error occurred. For return and diagnosis codes 'xxxx/xxxxxxxx' see DFSMS/MVS Diagnosis Reference. The data set will reside uncataloged under its final name on disk.

DATASET NOT UNCATALOGED: dsname
> The temporary data set with timestamp 'dsname' has been renamed to its final name but could not be uncataloged.

DF3725I   ***R-sid mn* dsname nnn RE, VOL=volume status**

Receiving of the data set 'dsname' on volume 'volume' terminated.
'nnn' records have been received. 'status' may be:

END	⎧ **KEEP** ⎫	The transmission ended normally, the displayed
	⎨ ⎬	disposition has been executed.
	⎩ **CATLG** ⎭	

CANCELLED	The transmission has been cancelled by operator.

ABEND xxx,yyy	The transmission terminated abnormally.
	xxx - system completion code
	yyy - user completion code

DF3726P   ***R-sid mn* DYN. UNALLOC CODE xxxx-yyyy**

If at start of receiving the data set is already allocated, this data set will be unallocated and than once again allocated. The message displays the error- and info code of the unallocation.

DF3727E   ***R-sid mn* RECEIVED RECORD LENGTH (nn) LARGER THAN BLOCKSIZE (mm)**

The length of the received record (nn) is inconsistent with the blocksize (mm) and the record format (not spanned) specified by the transmitting station at beginning of the transmission.

DF3728E   ***R-sid mn* DATA SET COULD NOT BE OPENED**

The OPEN-macro, executed for the data set to be received, failed.

DF3729E   ***R-sid mn* dsname INVALID FIELD field(value) IN HEADER**

The received rvs header record contains a field 'field' with an invalid value 'value'.

DF3730P   ***R-sid mn* EFFECTIVE SPEED IS nnn BPS**

This message appears during rvs trailer record processing at the end of a receiving / sending process. 'nnn' indicates the average speed value during the whole duration of transmitting the data set.

DF3731I   *R-sid mn* REMOTE STATION NOT AUTHORIZED TO SPECIFY PROCESSING OPTIONS

A data set has to be received from station 'sid'. The transmitter of the data set has specified some remote options (i.e. specification of the receive volume). The station 'sid' is not authorized for specifications like this. The data set will be received normally. The parameters specified by the transmitting station are ignored. For a definition of (station dependent) authorization see Installations Manual, description of the rvs Stations Table, parameter "OPTIONS".

DF3732I   *R-sid mn* REMOTE STATION NOT AUTHORIZED TO REPLACE DATA SETS

A data set has to be received from station 'sid'. The transmitter specified that in case of an already existing data set with equal data set name on receiving station this data set is to be replaced. But the station 'sid' is not authorized to do this. The data set will be received normally. In case of an already existing data set with equal data set name this data set is not replaced. For a definition of (station dependent) authorization see Installations Manual, description of the rvs Stations Table, parameter "OPTIONS".

DF3733E   *R-sid mn* DSN=dsname CANCELLED

Receiving of the data set 'dsname' has been cancelled by operator.

DF3734E   *R-sid mn* RESTART DATA SET FOR 'dsname' NOT AVAILABLE

The data set 'dsname' is to be received by station 'sid'. The transmission is a restart. The data set allocated during an earlier transmission is not available. The reason for this may be:

- the data set is not disk volume
- the disk volume is not mounted. The try to restart the transmission will be cancelled and the restart count is set to zero. This causes that the next transmission request is not a restart.

DF3735W   *R-sid mn* NONZERO RETURN CODE OF INSTALLATION EXIT DFUX001

Execution of the installation exit DFUX001 ended with a nonzero returncode. One of the following two messages with more information is also displayed in conjunction with this message.

DF3735W *R-sid mn* ONLY INSTALLATION STANDARDS WILL BE USED TO RECEIVE dsname

The data set 'dsname' has to be received by station 'sid'. The installed user exit DFUX001 supplies a nonzero return code. The receiving of the data set is to be continued but every specification how to control or how to process the data set after receiving is to be suppressed. Especially after receiving no user job is to be started by rvs.

DF3735E *R-sid mn* RECEIVING OF dsname REJECTED BY DFUX001

A data set with name "dsname" shall be received from station "sid", but the installation exit DFUX001 (which is executed during start of transmission) ended with returncode 12. This means, reception of the file is to be rejected by rvs. The reason for this must be detected by

the people who are responsible for the local rvs installation. The file cannot be received until the exit DFUX001 has been changed.

DF3736E   *R-sid* text

This message precedes the message DF3525W. 'text' is a message which is passed to rvs by the user exit.

DF3738E   *R-sid mn* RECEIVING OF dsname REJECTED, DUPLICATE FILE

The data set "dsname" shall be received from station "sid". During start of this transmission rvs detected, that

- the file to be received is to be cataloged after reception,
- a cataloged data set with the same name is already existing (if the rename function is used, the data set with the new name (not with name "dsname") is already existing),
- the GDG function for this file has not been specified,
- a replace request for this file has not been specified. As a result of these conditions, receiving of this file will be rejected.

DF3739E   *R-sid* EXTENSION OF dsname FAILED

The data set "dsname" is to be received from station "sid". For the reception of the file the replace function is active, this means an already existing data set with this name is to be replaced by the new data set (for example the replace parameter has been specified within a resident receive entry). But the space allocated by the already existing file is not sufficient to store all data of the new file. In this case rvs tries to extend the already existing file (allocation of a new file on the same disk with a new name, deletion of the existing file, renaming of the new file), but the extension failed. As a result of this error, reception of the file will be rejected. The file can be received only after the already existing file has been extended.
This message is preceded by message DF2701P, which contains more information about the kind of the error (probably allocation error (not enough space) for the new (extended) file).

DF3742E   *R-sid mn* ESTAE RECOVERY FOR ABEND code, DSN=dsname

A file with the name "**dsname**" is to be received from station "**sid**". An abend "code" has occurred (e.g. system abend B37 or D37). This abend will be recovered by normally termination of the transmission. A dump will not be written for the abend.

DF3743P   *R-ORT M0* RESIDENT ENTRY (RR) FOR 12345678901234567890123456 IS USED

Information a resident receive entry is used.

DF3744I   *R-ORT M0** text
DF3745P   *R-ORT M0*   00010203 04050607 08090A0B 0C0D0E0F *0123456789ABCDEF*

Messages DF3744I until DF3745P are for error detection only. They are not in effect for users purpose.

DF4101I   *f-sid mn* dsname, volume, nnnnnn BL, day, time, sid2, JOBNAME=jobname

This message appears as a reply to the commands 'DS', 'DR' or 'DQ'. The contents of some parameters of this message depends on the type of command entered. The meaning of the parameters is:

f=Q		the message is related to files queued for transmission
=R		the message is related to files which are just to be received
=S		the message is related to files which are just to be transmitted

dsname   name of a data set which is: queued for transmission, transmitted or received.

volume   volume the data set 'dsname' resides

nnnnnn   number of blocks which have been transmitted

day,time   day and time the data set has to be queued for transmission or has been received

sid2   stations identification of the first or final station

jobname   name of the job which is to be automatically started in case of the received data set has to be printed.

DF4102I   * NO RECORDS FOUND *

This message appears as a reply to control data set queries 'DF=' if no records have been found in the control data set.

DF4103I   * MORE THAN 100 ENTRIES FOUND, DISPLAY IS INCOMPLETE *

This message appears as a reply to control data set queries 'DF=' when more than 100 entries have been found. In this case only the first 100 entries that are found in the control data set will be displayed.

DF4105I   *f-sid mn* SYSOUT=a,FORM=bbbb,DEST=cccccc,COPIES=dd

This message appears as a reply to the command 'DR' in connection with the message 'DF4101' in case of the received data set has to be printed. These parameters are either specifications of the remote station or the content of a resident receive record. They are copied to the job control statements of a job which is automatically started after the receiption of the data set. The meaning of the parameters is:

    a   SYSOUT class
    bbbb   SYSOUT formular number
    cccccc   distination (name of a RJE station)
    dd   number of SYSOUT copies

DF4201I   job volume DSN=dsname COPY INCOMPLETE

This message may occur if the command 'DJ' has been entered. Before transmission or after receiving the data set 'dsname' on volume 'volume' a copy job 'job' had been started. This job is not yet complete.

DF4202I   NO INCOMPLETE JOBS FOUND

This message occures if the command 'DJ' has been entered and there was no oncomplete copy job.

DF42F2I   NO INCOMPLETE JOBS FOUND

> This message occurred if the command 'DP' has been entered and there was no incomplete rvsFTP job.

DF42F5P   xx SID=sid DSN=FTP control dataset name
DF42F6I   xx SID=sid DSN=real dataset name
DF42F7P   xx SID=sid CD=dd.mm.yy CT=hh.mm.ss
DF42F8P   xx SID=sid SD=dd.mm.yy ST=hh.mm.ss
DF42FBP

> These messages occurre if the command 'DP' has been entered and there were incomplete rvsFTP jobs found.
>
> The meaning of the parameters is:

> xx   FTP internal records type

> F2 – rvsFTP Task generates this record before submitting the rvsFTP job (send direction). If this record is shown, the rvsFTP job has not yet finished itself. Must have examined, if doesn't give problems executed this job (e.g. JCL error(s)). At necessity there is again by means of 'S sid,..' command possibility to start transfer of this Dataset.

> F3 – rvsFTP Task generates this record during transmission (send direction). If this record is shown rvs waits on the Reply Dataset (TD control Dataset). Must have examined, if doesn't give problems at transfer on the server side. At necessity there is again by means of 'S sid,..' command possibility to start transfer of this Dataset.

> F5 – rvsFTP Task generates this record during transmission (send of Trailer dataset). If this record is shown, rvsFTP job has not finished itself (NR control dataset has not generated still). Must have examined, if doesn't give problems executed this job (e.g. JCL error(s)). At necessity there is again by means of 'S sid,..' command possibility to start transfer of this Dataset on the Client side.

> SID   station ID

> DSN   *FTP control dataset name* – name of internal rvsFTP control dataset
> *real dataset name* – name of real dataset (to be send)

> CD   Creation date of send request

> CT   Creation time of send request

> SD   Last start date of transfer of real dataset

> ST   Last start time of transfer of real dataset

DF4401E   *f-sid* INVALID SUBPARAMETER

> The command 'F sid,...' was wrong specified.

DF4402E   *f-sid* VTAM SUBTASK NOT ACTIVE

> Modification of the (incore) session's table is possible only if the VTAM control task is active.

DF4403E   *f-sid mn* INVALID MODE/NUMBER

An undefined session mn has been specified.

DF4404E   *f-sid* LINE IS STILL ACTIVE

The command 'F-sid,pp=...' is only valid when line control is terminated.

DF4405E   *f-sid* VALID PP'S ARE ppp ppp ...

In case of a wrong program profile specification in the command 'F-sid,PP=ppp', this message appears and indicates a list of valid program profiles.

DF4406E   *f-sid* 'SIZE'- PARAMETER MUST BE 250 - 2000

The specified SIZE- subparameter of the command 'F-sid' was not within the range 250 2000.

DF4407E   *f=sid* TOO MANY SUBPARAMETER

For a subparameter of the command 'F-sid' to many values have been specified.

DF4408E   *f=sid* SUBPARAMETER TOO LONG

A value for a subparameter of the command 'F-sid' has been specified and the value consists of to many characters.

DF4409E   *F-sid* INVALID VALUE

For a parameter of the command 'F-sid' a wrong value has been specified.

DF4410E   *F-sid* NO ENTRY PROCESSED

For a parameter of the command 'F-sid' a wrong value has been specified.

DF4411E   *F-sid* INVALID INDEX

For a parameter of the command 'F-sid' a wrong index has been specified.

DF4413E *F-ORT* NO GZIP LICENCE - COMMAND IGNORED
DF4414E *F-ORT* NO SECURITY LICENCE - COMMAND IGNORED
DF4415E *F-ORT* NO VIRTUAL STATION LICENCE - COMMAND IGNORED
DF4416E *F-ORT* NO USER STATION LICENCE - COMMAND IGNORED
DF4417E *F-ORT* NO TRANSFER RESTRICTION LICENCE - COMMAND IGNORED

The command 'F-sid,xxx' is no valid licence.

DF4800I   *X-sid* VTAM SUBTASK NOT ACTIVE

The command 'X-sid,S' will be executed only if the VTAM control task is active.

```
                                   ⌈LINE(S)=111,112,113,...⌉
DF4802Q   *X-sid* sid2 SIZE=nnnn {                         }
                                   ⌊LU(S)=lu1,lu2,lu3,...  ⌋
```

Reply of the command 'X-sid,L'. The alias name 'sid2', the used line buffer SIZE (nnnn) and the defined BTAM lines or VTAM logical unit names are listed. Active lines are signed with an 'A' behind the line name.

DF4803I   *X-sid* sid2 PP = program profile

The complete program profile associated to station 'sid' is listed as a reply to the operator command 'X-sid,P' (see section 4.4.3).

DF4804Q   *X-sid,mn* sid2 SS = sessions profile

As a reply to the command 'X-sid,S' the sessions profile used by station 'sid' alias 'sid2' is listed (see section 4.4.4).


```
                        ⌈NON            ⌉
DF4805Q   *X-sid* TO = {               } (BACKUP FOR: sidk ... sidm)
                        ⌊sid1, ..., sidn⌋
```

As a reply to the command 'X-sid,RELAIS' the next connected stations to station 'sid' will be listed. In case of no next connected stations are specified for station 'sid' the word 'NON' appears. Stations which can be reached in case of a backup situation via station 'sid' will be listed behind the parameter 'BACKUP FOR' (see section 7.6.3).

DF4808I   *X-sid,mn* text

As a reply to the command 'X-sid' the station parameters used by station 'sid' are listed.

Messages of the 'DQ' - command

DF4901I   sid1=nn sid2=nn sid3=nn sid4=nn sid5=nn sid6=nn sid7=nn

The number for outstanding send requests is indicated for each station (sid). This message is displayed after start of the rvs Monitor, it is displayed again if the number of send requests has changed or if the command 'DQ' has been entered.

DF4902I   * NO QUEUED SEND REQUESTS ***   or**
DF4902I   nnn QUEUED SEND REQUESTS

This message is displayed as a response for the command 'DQ'. If no outstanding send requests are found in the control data set the first message is displayed. If send request have been found, message DF4901I or DF4906I or DF4908I will be displayed. The end of this display is indicated by the above message which shows the number of all send requests in summary.

DF4903I   **** message string ********

This message is the headline of the messages DF4302I, DF4304I, DF4305I, DF4306I and DF4308I. It is a response of a 'DQ B', 'DQ V', 'DQ L', 'DQ X', 'DQ T' or a 'DQ sid' command.

In this message the string 'message string' could be:

```
KD STATIONS ONLY    or
cccccc STATIONS     with
```

```
cccccc                  description
```

```
BTAM        ⎤                              ⎡BTAM  ⎤
VTAM        ⎥                              ⎥VTAM  ⎥
LU6.2       ⎬   active send request for    ⎨LU6.2 ⎬station(s)
X.25        ⎥                              ⎥X.25  ⎥
SID         ⎦                              ⎩sid   ⎦
```

```
(+/-)      changes of active send requests
```

DF4903W   *** COMPONENT NOT ACTIVE *******

This message is displayed after one of the commands described in DF4903I and the component isn't started.

DF4904I   *** SID NOT FOUND IN STATION TABLE (EXIST KD RECORD) *******

This message is displayed after a 'DQ sid' command, if the station table of the running rvsMVS does not contain the station 'sid', But active send requests are queued in the control dataset of
the running rvsMVS.

DF4905I   ****   NO CHANGES   ********

This message is displayed after a 'DQ Q' command, if there were no changes of queued send requests are made since last 'DQ Q' command. Changes would be that the sending of a datasets is completed or that a new dataset is queued for sending.

DF4906I   sid1=nn(vmm) sid2=nn(vmm) sid3=nn(vmm) sid4=nn(vmm) sid5=nn(vmm)

This message is displayed after one of the commands described in DF4903I. The message shows the number of active send requests 'nn' for the station 'sid.' and the changes since last 'DQ Q' command with

    v   = '+' or '-' for increase or decrease of the number of queued send requests
    mm   = number of queued send requests

DF4907I   *** SID NOT FOUND IN STATION TABLE *******

This message is displayed after a 'DQ sid' command, if the station table of the running rvsMVS does not contain the station 'sid'.

```
DF4908I   sid=nn(vmm) component (component...)
```

This message is displayed after the command 'DQ sid'. The message shows the number of active send requests 'nn' for the station 'sid.' and the changes since last 'DQ Q' command for the rvsMVS component 'component' with

      v   = '+' or '-' for increase or decrease of the number of queued send requests
      mm   = number of queued send requests

```
DF4910I   ***** FUNCTION NOT ACTIVE  *****
```

This message is displayed after one of the commands described in DF4903I and the component is not started.

```
DF5001{A|Q}   *f-sid*i dsname VOL=volume status

DF5001{A|Q}   *f-sid*i dsname QD=yyddd QT=hhmmsst
```

$$DF5001\{I|Q\} \quad QT=ddd/hh:mm \left\{ \begin{matrix} ST \\ ET \end{matrix} \right\}=ddd/hh:mm\ nnnnnn \left\{ \begin{matrix} RE \\ BL \end{matrix} \right\}\ bbbb.bbbMB\ P=nnn$$

```
DF5001{I|Q}   *ser* DS=dsn

DF5001{I|Q}   ESTRT=ddd/hh:mm RECL=nnnnn RU=uuuuuuuu TU=uuuuuuuu

DF5001{I|Q}    JOB=jobname

DF5001{I|Q}  *CONV=EXT/{OK|ERR|***} *COMP=EXT/{OK|ERR|***}

DF5001{I|Q}  *SECR=EXT/{OK|ERR|***} TRACE=nn
```

This message appears after different display commands. The display of the parameters changes due to availability and the entered display command.

    f   **=Q**   the message is related to files queued for transmission
         =R   the message is related to files which have been received
         =S   the message is related to files which have been transmitted

    i   **=C**   entry deleted by operator ('D sid').
         =D   entry and data set deleted by operator
         =H   for send requests:
                 transmission is on "hold" state. Two causes are possible: An error has
                occurred or 'H sid' was entered by the operator. In this case the
transmission
                is only started when the 'S sid,dsname' command is explicitly entered by
                the operator.
                For end-to-end responses (EERP):
                EERP is in hold state because an attempt to send the EERP failed. A next
                attempt will be done if the time for the holdreset interval is over.
         =I   query (I-record) transmitted to remote station but no answer (A-record)
                received yet. After a transmission error 'S sid,dsname' must be used for
                explicit start.
         =J   a job for further processing has been started (jobname is indicated in
                subsequent line).
         =S   indicates that the start of the transmission for a file to be sent is initiated

            (used only within the internal transmission protocol of rvs).

=T   tape-disk or disk-tape conversion has been started (jobname in subsequent line)

dsname   name of the dataset

volume   volume where the dataset resides

QT=ddd/hh:mm

        For send requests: queuing date and time for the dataset

QD=yyddd QT=hhmmsst

        For end-to-end responses: queuing date and time of the reference dataset

ST=ddd/hh:mm or ET=ddd/hh:mm

        Start/End date and time for the transmission

nnnnnn RE (or BL)

        Number of datarecords (RE) or datablocks (BL) which have been already transmitted/received

bbbb.bbb MB

        Number of bytes of the dataset

P=nnn   Displays the priority of the transmission (value is between 0 and 255)

ser   This parameter is displayed only when the dataset has been queued with option SERIAL=YES.

status
   END   means that the transmission is complete.
   ABE   means that the transmission has been terminated with an error.
   REJ   means that either the installation exit DFUX001 terminated with a return code not equal 0 (see also message DF9201E or DF5624E) or - in case of PDS transfer - the remote station does not support PDS transfer.

ET=ddd/hh:mm.ss

        End date and time for the transmission

DS=dsn   Displays the dsname of the dataset. It is possible that the dsname used in the rvs messages is different from the physical dsname of the data set (in case of using the rvs rename function "dsn" is the physical dsname). In case of PDS transfer, "dsn" is the physical name of a sequential (work-) dataset (unloaded PDS) which is (will be) transmitted by rvs.

ESTRT=ddd/hh:mm.ss

        Earliest date and time for the transmission. This parameter is only displayed for AS/CS-records.

RECL=nnnnn

        Record length of the dataset (only for fixed record lenth)

RU=uuuuuuuu TU=uuuuuuuu

        RACF and TSO-userID

CONV=EXT/{ OK | ERR | * }**

        Shows the status the conversion part
   status
      OK   conversion has finished without errors.
      ERR   conversion has finished with errors
      *****   conversion has finished with errors

```
COMP=EXT/{ OK | ERR | *** }
```
       Shows the status the compression part

   status

      OK   compression has finished without errors.

      ERR   compression has finished with errors

      ***   compression has finished with errors

```
SECR=EXT/{ OK | ERR | *** }
```
       Shows the status the encoding part

   status

      OK   encoding has finished without errors.

      ERR   encoding has finished with errors

      ***   encoding has finished with errors

TRACE=nn

       Value of the internal trace parameter (Comp/Secr). Parameter only for internal purposes

JOB=jobname

       Means after the termination of the transmission the job 'jobname' is to be executed.

DF5002Q   *S-sid   * QUEUE IS EMPTY *

The message appears as a reply to the command 'N-sid,Q' and means that no send requests exist for this location.

DF5003I   *N-sid   * NO TRANSMISSIONS DURING LAST 24 HOURS
DF5003I   *N-sid   * NO TRANSMISSIONS DURING LAST 7 DAYS

The first message is output as a reply to the control data set queries 'N sid,R=name' or 'N sid,S=name'. If no data sets have been received from the location concerned or if no data sets have been transmitted to this location during the last 24 hours. If the 'name' was specified as having at least 12 characters, the second message appears if no data set beginning with 'name' was received or transmitted within the last 7 days.

DF5005I   SYSOUT=class, FORM=form,DEST=dest,COPIES=n

This message appears in relation to message DF5001I after the entry of 'N-sid,f' or 'DF=, if the data set concerned was placed in the output queue of the receiving computer. The parameters correspond to the job control parameters.

DF5006I   *N-sid   * INVALID REPLY **

Incorrect operator entry.

DF5007I   DS-NAME   DEV   VOL   DISP   JOB   TRKS   TO

This message appears as a reply to the commands 'N-sid,RR=name' or 'N-sid,RS=name'. The message occures only, if resident records have been found. It is the head line for the following message.

DF5008I   **'name' ....**

> The message displays parameters for the data set with DSNAME 'name'. The dispalyed parameters (if specified in a resident control data set entry) are device typ, volume number, disposition, jobname, Space capacity in traks and the final receiver of the data set. This message occures always in conjunction with DF5007I.

DF5009I   ***N-sid* NO RESIDENT RECORDS FOUND / NO END-TO-END RESPONSES FOUND**

> One of the commands 'N-sid,RR=name' or 'N-sid,N=name' was entered and no resident receive entry (or no end-to-end response) for data sets with a dsname starting with 'name' has been found.

DF5010I   ***N-sid* MORE THAN 100 ENTRIES FOUND, DISPLAY IS INCOMPLETE ***

> This message appears as a reply to control data set queries n-sid, when more than 100 entries have been found. In this case only the first 100 entries that are found in the control data set will be displayed.

DF5100I   *** INVALID REPLY ****

> Incorrect operator entry.

DF5102A   *** DATA SET NOT CATALOGED ***

> The 'DF' command has been entered and the data set is not cataloged.

DF5103I   *** NO INFORMATION POSSIBLE ***

> The 'DF' command has been entered, but there is no information about the dataset spedified, e.g. if the dataset is migrated.

DF5104I   ***** INFO dsname - volume *****
DF5104I   **RECS=a BLOCKS=b LRECL=c BLKSI=d RECFM=e DSORG=f**

> This message occures if the command 'DF dsname volume' has been entered

> | | |
> |---|---|
> | a | number of records in the dataset |
> | b | number of blocks in the dataset |
> | c | logical record length |
> | d | blocksize of the dataset |
> | e | record format of the data set |
> | f | data set organization |

> The listed values 'a' and 'b' are not in each case the exact values of the record and block number. But they give an overview of the size of the data set.

DF5106I   *** DATASET NAME MISSING/INVALID ***

> This message is issued if the dataset name is missing or if an invalid dataset name (e.g. more than 44 characters in total) has been entered.

Messages of the Dispatcher Task

```
                           ⎧STARTED⎫
DF5201I  DISPATCHER SUBTASK ⎨       ⎬--VERSION *vvv* *dd/mm/yy-tt.mm* *aa/bb/cc*
                           ⎩ENDED  ⎭
```

Start or end message of dispatcher routine. This program is started just after start of the rvs monitor. For a description of the functions performed by this task see Installations Manual, chapter 5, rvs Start parameter "DSPTI" and "DSPTIW".

> "vvv"   version of Dispatcher (*dd/mm/yy-tt.mm* - time of assembly).
> "aa/bb/cc"   time of last changes in the Dispatcher.

DF5202I   AUTOMATIC DIAL FOR STATION sid INITIATED ON LINE lll

The BSC line "lll" is defined as an autodial device. This message is issued when autodial to station "sid" has started on line "lll".

DF5203I   AUTODIAL FOR STATION sid INITIATED (acme)

The message indicates that autodial for station "sid" and "acme" has started. As a result of autodial for one session to station "sid" will be activated automatically by rvs.

DF5204I   AUTOACT FOR STATION sid INITIATED (LU0)

The message indicates that autoact for station "sid" has started. Parameter "AUTOACT=YES" is specified for station "sid". rvs has detected that (at least one) session to station "sid" is not active and now tries to activate this session.

DF5205E   *S-sid/acme/nm * TRANSMISSION OF dsn REJECTED BECAUSE OF EXIT DFUX001

For send session "nm" to station "sid" and access method "acme" the user exit DFUX001 has terminated with a non zero return code (there is no authorisation to transmit the dataset "dsn" to station "sid"). For a description of exit DFUX001 see rvsMVS rvsMVS Installations Manual, Appendix A.

As a result of the rejection the send request will be set into HOLD status immediately.

DF5206E   *S-sid/acme/nm * text

This message appears if the exit DFUX001 terminates with a return code of 8 (for send session "nm" to station "sid" and access method "acme"). 'text' is a message of equal or less 80 characters, which is passed to rvs by the exit DFUX001.

DF5207P   *S-sid/acme/nm * ENQ USE RETURNCODE=xxx, DSN=dsname

This message appears only within the rvs protocol. It indicates for send session "nm" to station "sid" and access method "acme" execution of an "ENQ" macro which is used for serialisation of datasets to be sent.

DF5208P   `*S-sid/acme/nm * DEQ HAVE RETURNCODE=xxx, DSN=dsname`

This message appears only within the rvs protocol. It indicates for send session "nm" to station "sid" and access method "acme" execution of a "DEQ" macro which is used for serialisation of datasets to be sent.

DF5209P   `LIST OF SEND REQUESTS REFRESHED  tttt.tt iii jjj  xxxx yyyy`
               `LIST OF EERP REQUESTS REFRESHED  tttt.tt iii jjj  xxxx yyyy`

The dispatcher subtask looks within a defined time interval for send requests / EEPR within the rvs control dataset in order to perform (initiate) autodial functions or sending of datasets on SNA sessions. A list of these send requests is kept in core until next reading of send requests / EERP is done (refresh of this list).

Since version A22 of the Dispatcher in this message are included some new values:

"tttt.tt"	really refresh time;
"iii"	value of DSPTI parameter;
"jjj"	value of DSPTIW parameter (standard value 5 sec.);
"xxxx"	number of entries in internal KD dataset of Dispatcher;
"yyyy"	number of entries in external KD dataset of Dispatcher,

DF5210P   `END OF SEND REQUESTS SELECTION   xxxx ( aaaa , bbbb , cccc ) zzz.`

The dispatcher subtask ended dispatching cycle (DSPTI value).

From "xxxx" number of entries in internal KD dataset:

"aaaa"	number of entries that were completed during dispatching time;
"bbbb"	number of entries that were in use (transmission in progress);
"cccc"	number of entries that were free.

"zzz"	active Dispatcher trace:
D	active flag T DISP;
1	active flag T DISP1;
2	active flag T DISP2;
L	active flag T DISPL (for LU6.2 component);
X	active flag T DISPX (for X.25 component);

DF5211I   `DD sid  name  status  (reason)`

This message is a response for the command "DD sid", which displays a list of all send requests for the remote station "sid". "name" denotes the name of the dataset to be sent (up to 26 chars) Field "status" shows information about the status of the send request, the following (self-explaining) values may be displayed:

```
READY FOR TRANSMISSION
TRANSMISSION IN PROGRESS
TRANSMISSION COMPLETE OR ABENDED
NOT READY: reason
```

For status "NOT READY" an additional (self-explaining) information about the reason is displayed.

DF5211P   `=DD sid=QDyyddd=QThhmmss=ccppx sSsid     name              (a)`
               `=DD sid=*******=********=  *** END OF INTERNAL KD FILE *** (b)`
               `=DD sid=*******=********=  *** END OF EXTERNAL KD FILE *** (c)`
               `=DD sid=*******=********= ****** INTERNAL KD EMPTY ****** (d)`

```
=DD sid=*******=********= ****** EXTERNAL KD EMPTY ******  (e)
=DD sid=*******=********= ****** BAD DD COMMAND ******     (f)
=DD sid=*******=********= ****** SID NOT FOUND ******      (g)
=DD sid=*******=********= *** SID FOUND, SYNTAX ERROR ***  (h)
=DD sid=*******=********= *** INCORRECT FILE NAME ***      (i)
=DD sid=*******=********=  *** INT KD - NO ENTRY FOUND *** (j)
=DD sid=*******=********=  *** EXT KD - NO ENTRY FOUND *** (k)
```

This message (one or more)is a reply for DD command.

"sid" may be:
    "sid name"   for DD sid or DD *** command;
    "ACT"   for DD ACT command;
    "ALL"   for DD ALL command.

"QDyyddd"   day of queuing dataset;
"QThhmmss"   time of queuing dataset.

"SDyyddd"   day of starting dataset;
"SThhmmss"   time of starting dataset.

"cc" may be (external KD dataset only - DD sid,E=... command):
    "E1"   early time & date;
    "E2"   station not found;
    "E3"   station not active,
    "E4"   access method not active;
    "E5"   same name;
    "E6"   tape-disk conversion program running;
    "E7"   send request in hold state;
    "E8"   line already active(BSC);
    "E9"   serialisation of datasets;
    "EA"   final station not active (backup);
    "EB"   dataset has already been comletely transmitted

    or

    " "   for other DD commands.

"pp"   prioriy value of dataset (specify or default) - (external KD dataset only - DD sid,E=... command).

"x"   serialisation of sending datasets - (external KD dataset only – DD sid,E=... command):

"S"   serialisation is on;
" "   serialisation is off.

"s" may be:
    "A"   for active entry;
    "U"   for used entry (transmission in progress);
    "D"   for completed entry (transmission is finish).

Message (b)   is displayed if end of internal KD dataset is achieved.
Message (c)   is displayed if end of external KD dataset is achieved.
Message (d)   is displayed if internal KD dataset is empty.
Message (e)   is displayed if external KD dataset is empty.
Message (f)   is displayed if DD command has syntax error.

Message (g)		is displayed if sid name was not found in stations table.

Message (h)		is displayed if sid name exist in stations table, but DD command has syntax error.

Message (i)		is displayed if file name is incorrect (for example, wild card convention is not keep).

Message (j)		is displayed if for specific request no entry exist in internal KD dataset.

Message (k)		is displayed if for specific request no entry exist in external KD dataset.

DF5212P   *S-sid/acme/nm * DISPATCHER HAS BEEN POSTED --- (POSTCODE=XX)

This message appears only within the rvs protocol. It indicates the communication between different subtasks (send session "mn" for station "sid" and access method "acme" to the dispatcher task) within the rvs monitor.

Postcode of Dispatcher (LU 0):
    "00"		request for DEQ processing;
    "04"		request for DEQ processing and selection of next file
    "08"		same as postcode "04".

Postcode of Dispatcher (LU6.2, X.25):
    "00"		request for DEQ processing;
    "04"		end request from ODETTE
        reply		- POST 0 - next dataset ready to send ?????
                - POST 8 - nothing to send
    "08"		selection of next file to send;
    "12"		ODETTE task abend - request DEQ processing.

DF5213P   *S-sid/acme/   * *LU0 - RECEIVE SESSION POSTED - POST IGNORED

This message appears only within the rvs protocol. It indicates problems in the communication between different subtasks (receive session for station "sid" and access method "acme" to the Dispatcher task) within the rvs monitor.

DF5214P   *S-sid/acme/   * *POST IGNORED (POSTCODE xx)

This message appears only within the rvs protocol. It indicates problems in the communication between different subtasks (send session for station "sid" and access method "acme" to the Dispatcher task) within the rvs monitor.

DF5216P   *S-sid/acme/nm* NO SESSION DEFINED FOR THIS STATION   ****

This message appears only within the rvs protocol. It indicates internal problems within the rvs monitor (for send session "nm" to station "sid" and access method "acme").

Report this message to the system programmer.

DF5218I   ACT ENQ: SID=sid DSN=dsname

This message is displayed as response to command "DD ENQ". It displays the currently sent files to any remote station. The ID of the remote station and the virtual file name for the transmission are displayed.

DF5219I   NUMBER OF ACTIVE ENQ RESOURCES: nnn/mmm (SNA/ODETTE)

This message is displayed as response to command "DD ENQ". It displays the summary of the currently sent files ("nnn" files are sent on SNA sessions, "mmm" files are sent on ODETTE sessions (X.25, LU6, TCP, FTP).

DF5220P   *S-sid/acme/nm CALL OF EXIT DFUX001 {INITIATED | COMPLETE}

This message appears when the dispatcher selects a file for transmission. Execution of exit DFUX001 is displayed in this message.

DF5221P   *S-ORT/ACME/12345678* SERIALIZATION - TRANSMISSION IN PROGRESS

This message appears when the dispatcher selects a file for transmission.

DF5233P   *S-sid/acme/nm * START SELECTION OF SEND REQUEST

This message appears only within the rvs protocol (for internal use only --- Dispatcher trace command --- T DISP).

It indicates that selection of a send request for send session "nm" to station "sid" and access method "acme" has started.

DF5234P   *S-sid/acme/nm * { SUCCESSFUL END SELECTION OF SEND REQUEST }
**   { UNSUCCESSFUL END SELECTION OF SEND REQUEST }**

This message appears only within the rvs protocol (for internal use only --- Dispatcher trace command --- T DISP).
It indicates that selection of a send request for send session "nm" to station "sid" and access method "acme" has ended.

DF5235P   *S-sid/acme/nm* POINTER TO KDRECORD AREA NOT AVAILABLE

This message indicates that the process of selecting a send request for transmission cannot be continued because the session for the transmission is not ready (e.g. session termination because of line problems).
The transmission will be restarted automatically when a new session to the remote station "**sid**" has been established.

DF5236P   *S-sid/acme/nm* sSsid   name   (a)
**   DISPATCHER POSTED TASK - POSTCODE=4 (b)**
**   DISPATCHER POSTED TASK - POSTCODE=8 (c)**

This message appears only within the rvs protocol (for internal use only --- Dispatcher trace command --- T DISP).

Message (a) is displayed during selection of next send request and show "kdrecord" contents. KDrecords are show in sequence in internal KD dataset.
    "s" may be:
            "A"   for active entry;
            "U"   for used entry (transmission in progress);
            "D"   for completed entry (transmission is finish).

Message (b) is displayed during DEQ processing and show that DEQ request ended with return code 0.

Message (c) is displayed during DEQ processing and show that DEQ request ended with return code not 0.

Report this message to system programmer.

DF5237P   *S-sid/acme/nm* CURRENT SCT ENTRY NOT ASSIGNED WITH AN ACTIVE SESSION

This message indicates that a send request is to be assigned/released for a session, but the session has already terminated. The send request will be released in each case.
If a send request should be assigned to a session (selection of a send request), the transmission will be restarted automatically when a new session to the remote station "**sid**" has been established

DF5238P   *S-sid/acme/nm* SCT STATION ENTRY POINTER NOT AVAILABLE

Similar situation as described for message DF5237P: the session is not ready for transmission, e.g. session termination because of line problems.

DF5239P   *S-sid/acme/nm* STATION POINTER OF SCT ENTRY HAS CHANGED

Similar situation as described for message DF5235P.

DF5243P   *S-sid/acme/nm* SEND REQUEST AVAILABLE

This message appears only within the rvs protocol (for internal use only --- Dispatcher trace command --- T DISP).

It indicates that selection of a send request for send session "nm" to station "sid" and access method "acme" has been successfully ended (send request is found).

DF5245P   *S-sid/acme/nm* NOTHING TO SEND

This message appears only within the rvs protocol (for internal use only --- Dispatcher trace command --- T DISP). It indicates that selection of a send request for send session "nm" to station "sid" and access method "acme" has ended, but in KD dataset is no send request for "sid" found.

DF5246P   *S-sid/acme/nm* DISPATCH SESSION

This message appears only within the rvs protocol (for internal use only --- Dispatcher trace command --- T DISP). It indicates that selection of a send request for send session "nm" to station "sid" and access method "acme" has ended and requested session is posted.

DF5248P   *S-sid/acme/   * *X.25 AUTODIAL STOPPED - SVCMAX (CNTL)
**   VALUE EXCEED   (a)**

**   *S-sid/acme/   * *X.25 AUTODIAL STOPPED - ONE SESSION FOR**
**   SID EXIST   (b)**

This message appears only within the RSV protocol (for internal use only --- Dispatcher trace command --- T DIPS).

Message (a) indicates that maximal number of X.25 sessions for all X.25 stations (SVCMAX parameter) is exceed.

Message (b) indicates that for station "sid" maximal number of X.25 sessions (one session) is exceed

Next session is not started.

```
DF5249P   *S-sid/acme/           * *LU6.2 AUTODIAL STOPPED - LU62MAX (CNTL)
                                 VALUE EXCEED    (a)
          *S-sid/acme/           * *LU6.2 AUTODIAL STOPPED - SESNUM (STAT)
                                 VALUE EXCEED    (b)
```

This message appears only within the RSV protocol (for internal use only --- Dispatcher trace command --- T DIPS).

Message (a) indicates that maximal number of LU6.2 sessions for all LU6.2 stations (LU62MAX parameter) is exceed.

Message (b) indicates that for station "sid" maximal number of LU6.2 sessions (SESNUM parameter) is exceed

Next session is not started.

```
DF5254P   *S-sid/acme/nm* REREAD OF RECORD NOT OK*** ***PUNKT-1*****
```

This message appears only within the rvs protocol (for internal use only --- Dispatcher trace command --- T DISP). It indicates that during selection of send request KD record was change (for send session "nm" to station "sid" and access method "acme").

```
DF5255P   *S-sid/acme/nm* REREAD OF RECORD NOT OK*** ***PUNKT-2*****
```

This message appears only within the rvs protocol (for internal use only --- Dispatcher trace command --- T DISP). It indicates that during selection of send request KD record was change (for send session "nm" to station "sid" and access method "acme").

```
DF5256P   *S-sid/acme/nm* PRIOR RESOURCE STILL IN USE --- WAIT FOR POST ****
```

This message appears only within the rvs protocol (for internal use only --- Dispatcher trace command --- T DISP). It indicates internal problems within the rvs monitor (for send session "nm" to station "sid" and access method "acme").

Report this message to the system programmer.

```
DF5257P   *S-sid/acme/nm* SERIALISATION PROBLEM --- DON''T SEND ENTRY *****
```

This message appears only within the rvs protocol (for internal use only --- Dispatcher trace command --- T DISP). It indicates internal problems within the rvs monitor (for send session "nm" to station "sid" and access method "acme").

Report this message to the system programmer.

```
DF5259P   *S-sid/acme/nm*  POSTCODE=4 ,BUT SESSION IS NOT DISPATCHABLE ****
```

This message appears only within the rvs protocol (for internal use only --- Dispatcher trace command --- T DISP). It indicates internal problems within the rvs monitor (for send session "nm" to station "sid" and access method "acme").

Report this message to the system programmer.

DF5260P ***S-sid/acme/nm* POSTCODE=4 ,BUT SESSION IS ALREADY DISPATCHED *****

This message appears only within the rvs protocol (for internal use only --- Dispatcher trace command --- T DISP). It indicates internal problems within the rvs monitor (for send session "nm" to station "sid" and access method "acme").

Report this message to the system programmer.

DF5261P ***S-sid/acme/nm* POSTCODE=4 ,BUT SESSION IS NOT JUST DISPATCHABLE ******

This message appears only within the rvs protocol (for internal use only --- Dispatcher trace command --- T DISP). It indicates internal problems within the rvs monitor (for send session "nm" to station "sid" and access method "acme").

Report this message to the system programmer.

DF5262I **SEND TIME LIMIT EXCEEDED FOR DATASET: name**

DF5270P ***S-sid/acme/nm* ULS CHECK STARTED SID=sid FOR DATASET: dsn**

This message indicates that a ULS check for send request is started (for station "sid" and for data set "dsn").

DF5271P ***S-sid/acme/nm* CHECK USER TABLE FAILED FOR RACF="racfid" !!!**

This message indicates that a ULS user check failed for "racfid".

DF5272P ***S-sid/acme/nm* CHECK PERMISSION TABLE FAILED !!!**

This message indicates that a ULS permission check for send request failed.

DF5280P ***X-ORT/ACME/12345678* USER SEPARATION - LOG RECORD NOT FOUND !!!**

This message indicates that a User separation log record is not found.

DF5299P ***X-sid/acme/nm* ....**

This message appears only within the rvs protocol (for internal use only --- Dispatcher trace command --- T DISPALL). This message is issued by the dispatcher task trace routine. Shown is the name of dispatcher task subroutine which gets control.

Messages of the Send-Dispatcher Task

```
DF5M01I   SEND_DISP SUBTASK STARTED --- VERSION=123456789012345678901234567890234
DF5M01I   SEND_DISP SUBTASK ENDED   --- VERSION=123456789012345678901234567890234
```

Start / End message of dispatcher routine.
This program is started just after start of the rvs monitor. For a description of the functions
performed by this task see Installations Manual, chapter 5, rvs Start parameter "DSPTI" and
"DSPTIW".

"vvv"   version of Dispatcher (*dd/mm/yy-tt.mm* - time of assembly).
"aa/bb/cc"   time of last changes in the Dispatcher.

```
DF5M11I   ===SDDDDDD=STTTTTTT=ASSID  123456789012345678901234567890123456789012345
```

This message (one or more)is a reply for DD command.

"SDDDDDD"   day of queuing dataset;
"STTTTTTT"   time of queuing dataset.
123...   data set name

```
DF5M22P   12345678901234567890123456789012345678901234567890123456789012345678901234567890
```

The following text may be:

```
First 54 characters of KD record
**** MAX NUMBER OF SDS TASK EXCEDED ***
**** ATTACH FAILED ****
**** DF052N ATTACHED ****
**** SDS STOP !!!! ****
**** SDS CANCEL !! ****
**** WAITING SDS TASK ACTIVE ! ****
**** TASK ACTIVE ! ****'
**** NO ACTIVE SDS TASKS ! ****
**** RECORD DONE ---------IGNORED  ****'
**** RECORD IN HOLD STATE -IGNORED  ****'
**** TASK WITH KD RECORD ACTIVE ****'
**** SDS BUILD ****
SEND REQUEST IN HOLD STATE, PRIVATE KEY ERROR
HOLD **ERROR** CHANGE KDRECORD
SEND REQUEST IN HOLD STATE, PUBLIC KEY ERROR
HOLD **ERROR** CHANGE KDRECORD
```

All message are protocol messages only.

```
DF5M25P   NO STATION TABLE FOR SID
```

The Send Dispatcher detects an error. The record can not processed.

```
DF5M27I   SDS TASK COULD NOT BE STARTED. NOT ENOUGH MEMORY
```

This message is issued by Send Dispatcher task when activation of further subtask is rejected
because of storage shortage.

```
DF5M99P   X-ORT/ACME/12345678
```

Internal trace message of Send Dispatcher

```
DF5N00I   *D-???,###*  SDS DRIVER TASK  ??????? --- *????????????????????????*
```

This message will be issued by the D-??? command. For more explanation refer to message DF5201I.

```
DF5N34I  * D-???,###* VOLUME ?????? IS NOT MOUNTED
```

This message is issued by the SDS task if the volume containing the file is not mounted.

```
DF5N35I  * D-???,###* FILE ??????? NOT FOUND ON SPECIFIED VOLUME
```

This message is issued by the SDS Task if the file is not found on the volume specified in the KDRECORD. Shown is the virtual file name.

```
DF5N35Z  * D-???,###* PHYSICAL DSN: ??????? ,VOLUME: ??????
```

This message is issued by the SDS task if the file is not found on the volume specified in the KDRECORD. Additional this message shows the physical datasetname of the file.

```
DF5N37I   *D-???,###* name NOT CATALOGED, TRANSMISSION CANCELLED
DF5N38I   *D-???,###* name COMP/SECR, INPUT FILE
DF5N40P   *D-???,###*  DRIVER, name
```

Messages DF5N37I until DF5N40P are for possible error detection only. They are not in effect for users purpose.

```
DF5N61P   *D-???,###*  ??????????????????????????????????????????*
```

The following text may be:

```
ATTACH DF310A RC NOT ZERO!!
Operator request --> CANCEL!!!
OPERATOR REQUEST --> 2ND STOP->EXIT
Operator request --> STOP!!! ')
input file not found
key error - security
rc attach not zero!!
```

Status messages of the Service Provider Task (Send Dispatcher). These messages are for possible error detection only. They are not in effect for users purpose.

```
DF5N65P *D-???,###*  ????????????? =  cccccccc
```

Return code message for access to the Security Key data Set with
?????????????   RETURN CODE PUB KEY or
                      RETURN CODE PRV KEY
cccccccc   VSAM return code and program return code
This message is for possible error detection only. It is not in effect for users purpose.

```
DF5N66P *D-???,###*  ???????????????????????????????????????????
```

Internal file names used by the Service Provider Task. Protocol message only. This message is for possible error detection only. It is not in effect for users purpose.

DF5N67P *D-???,###* ??????????????????????????????????????

First 54 characters of the KD record. Protocol message only. This message is for possible error detection only. It is not in effect for users purpose.

DF5N68P *D-???,###* ???????? USED TRANSLATION TABLE = ???????? ADR= aaaaaaaa

The message indicates a translation table is used for send request (Comp/Secr). This message is for possible error detection only. It is not in effect for users purpose.

DF5N69P *D-???,###* ???????? USED FILE FORMAT = -?- VAL= aaaaaaaa

The message indicates which file format is used for send request (Comp/Secr). This message is for possible error detection only. It is not in effect for users purpose.

DF5N71P *D-???,###* message

Message DF5N71P is for possible error detection only. It is not in effect for users purpose.

DF5N72P *D-???,###* message

Status Message from the Service Provider Task (send request). This message is for possible error detection only. It is not in effect for users purpose.

DF5N80P *D-???,###* message

Message DF5N80P is for possible error detection only. It is not in effect for users purpose.

DF5N99P *D-???,###* ??????? ??????? ???????? ???????

This message is issued if an internal modul trace will be processed. Protocol message only.

This page will be intentionally empty.

Messages of the Receive-Dispatcher Task

DF5V00I   ***D-???,###*** **RDS DRIVER TASK ??????? --- *?????????????????????????*'**

> This message will be issued by the D-??? command. For more explanation refer to message DF5201I.

> Messages DF5V61P until DF5V80P are for possible error detection only. They are not in effect for users purpose.

DF5V61P   ***D-???,###*** **???***

> The following text may be:
> **ATTACH DF310A RC NOT ZERO!!**
> **Operator request --> CANCEL!!!**
> **OPERATOR REQUEST --> 2ND STOP->EXIT**
> **Operator request --> STOP!!! ')**
> **DF310A attach error *!!!**

> Status messages of the Service Provider Task (Receive Dispatcher).

DF5V65P ***D-???,###*** **????????????? = cccccccc**

> Return code message for access to the Security Key data Set with
> **?????????????????**   RETURN CODE PUB KEY or
>   RETURN CODE PRV KEY
> **cccccccc**   VSAM return code and program return code

DF5V66P ***D-???,###**   **??????????????????????????????????????**

> Internal file names used by the Service Provider Task. Protocol message only.

DF5V67P ***D-???,###***   **???**

> First 54 characters of the KD record. Protocol message only

DF5V68P ***D-???,###*** **???????? USED TRANSLATION TABLE = ???????? ADR= aaaaaaaa**

> The message indicates a translation table is used for receive request (Comp/Secr).

DF5V72P ***D-???,###*** **message**

> Status Message from the Service Provider Task (receive request).

DF5N80P ***D-???,###*** **message**

DF5V99P ***D-???,###*** **??????? ??????? ???????? ???????**

> This message is issued if an internal modul trace will be processed. Protocol message only.

DF5X01I   **RECEIV_DISP SUBTASK STARTED --- VERSION=123456789012345678901234567890123**4
DF5X01I   **RECEIV_DISP SUBTASK ENDED   --- VERSION=12345678901234567890123456789012**34

Start / End message of Receive Dispatcher Task.

DF5X02P LIST OF RR-ENTRIES {CREATED | REFRESHED }

This message is displayed after the list of resident receive entries in the monitors address space has been created (during monitor-start) or refreshed.

DF5X03P addr1 addr2 flg RRsid   dsn

This message is displayed as a response to command DS RRLIST.
For every resident receive entry entry in the monitor-internal list one message is displayed.
The message shows details about the monitor-internal list of resident receive entries:

addr1 – address of the next entry in the list
addr2 – address of the next section in the list
flg – flag indicating whether this entry contains valid data (08) or not (00)
sid – station id of the remote station
dsn – (virtual) dataset name

DF5X03P END OF LIST OF RR-ENTRIES

This message marks the end of the display in response to command DS RRLIST.

DF5X09P   LIST OF RECV REQUESTS REFRESHED

Status message about refresh of the receive entry list.

DF5X10P   NEW RECV DISP REQUESTS SELECTION

Start of a new selection cycle for the receive entry list.

DF5X11I   ===SDDDDDD=STTTTTTT=ASSID 12345678901234567890123456789012345678901234

This message (one or more)is a reply for DD command.

"SDDDDDD"   day of queuing dataset;
"STTTTTTT"   time of queuing dataset.
123...   data set name

DF5X22P   123456789012345678901234567890123456789012345678901234567890

The following text may be:
    First 54 characters of **KD record**
    **** MAX NUMBER OF RDS TASK EXCEDED ***
    **** ATTACH FAILED ****
    **** DF052V ATTACHED ****
    **** RDS STOP !!!! ****
    **** RDS CANCEL !! ****
    **** WAITING RDS TASK ACTIVE ! ****
    **** TASK ACTIVE ! ****'
    **** NO ACTIVE RDS TASKS ! ****
    **** RECORD DONE ---------IGNORED ****'
    **** RECORD IN HOLD STATE -IGNORED ****'
    **** TASK WITH KD RECORD ACTIVE ****'
    **** RDS BUILD ****
    **** QUEUE ELEMENT FOUND !!! ***
    **** NO RECV REQESTS FOUND ****

All message are protocol messages only.

DF5X25P   NO STATION TABLE FOR SID

The Receive Dispatcher detects an error. The record can not processed.

DF5X27I   RDS TASK COULD NOT BE STARTED. NOT ENOUGH MEMORY

This message is issued by Receive Dispatcher task when activation of further subtask is rejected because of storage shortage..

DF5X99P   X-ORT/ACME/12345678

Internal trace message of Send Dispatcher

DF5401P   ID=nn, RC=00, REC=key, ORT=sid, dsn, RD=readydate, RT=readytime,
SD=startdate, ST=starttime

This message is generated if the access to the control data set ended with certain return codes. The message may appear if errors occur during access the control data set.

DF5402P   * **** .. % FREE SPACE ON rvs LOG DATA SET ****

This message is generated during start rvsMVS monitor.

DF5402W   * ONLY .. % FREE SPACE ON rvs LOG DATA SET ****

This message occures, if the rvs log data set contains less than 15% of free space. The message indicates, that program DF072A00 (saving of control data set and log data set) has to be started within the next time.

DF5403I   * SAVING OF KD AND rvs LOG DATA SET REQUIRED ****

This message appears only in conjunction with message DF5402W.

DF5404I   F-sid REQUEST FAILED BY USER EXIT
DF5405E   message from exit (length max. 80 bytes)

Self explaining message passed by user exit. (RACF exit controlls the access to the control data set)

DF5406I   *AUTOMATIC CLOSE FOR CONTROL DATA SET EXECUTED BECAUSE OF VSAM
FEEDBACK CODE 14 (HEX)

An update of the rvs control dataset could not be executed because of VSAM feedback code 14. The code means a control intervall which is connected to the update processing is in exclusive control by another task. This error situation is automaticly cleaned by an CLOSE/OPEN of the control data set. rvs repeats the faulty update.

DF5407I   TIME USED FOR ENQ/RESERVE=nnn.hh SEC, TYPE OF REQUEST=rr

This message has been introduced for reasons of performance measurement. It will be displayed if the difference of the time before issuing ENQ (or RESERVE) and after execution of DEQ (done for serialization of the rvs Controldataset) exceeds at least 2 seconds. "nnn" denotes the time value in seconds, "hh" denotes the value in 1/100 sec. "rr" denotes the typy of request (access to the rvs Controldataset).

For "rr" the following values are valid:

```
00      OPEN PROCESSING (MAY INCLUDE DYNAMIC ALLOCATION)
04      INSERT OF A RECORD
16      UPDATE OF A RECORD (KEY OF RECORD NOT CHANGED)
20      UPDATE OF A RECORD (KEY OF RECORD CHANGED)
24      DELETE RECORD
28      CLOSE PROCESSING (MAY INCLUDE UNALLOCATION)
44      SEQUENTIAL READ OF RECORDS
```

DF5408E   USER ABEND 0540, REASON=XX (DEC) OCCURED

An error record occurred during access to the rvs control record. A MODCB, GENCB, or SHOWCB macro could not be exexcuted.

DF5409E   USER ABEND 0550, REASON=XX (DEC) OCCURED

An error record occurred during access to the rvs control record. A record was found in the control dataset that could not be decompressed. Please use program DF144A to find and delete the incorect record(s).

Messages DF5410E until DF5411P are for possible error detection only. They are not in effect for users purpose.

DF5410E   INVALID RECORD: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
DF5411P   text

DF5412I   * RVSMVS STOPPED – NOT ENOUGTH SPACE IN LOG**

This message occures, if the rvs log data set contains less than 5% of free space. The message indicates, that program DF072A00 (saving of control data set and log data set) has to be started within the next time. Without start of program DF072A00 rvsMVS does not run any more.

DF5413E   ROLLBACK FAILED IN FUNC ??????? WITH RC=#### FDBK=####

This message is generated if a ROLLBACK operation on the control dataset failed. A ROLLBACK failure requires a consistency ckeck of the control dataset by the rvsMVS system administrator.

???????	-	VSAM function, that failed during ROLLBACK
		MODCB19
		GET
		SHOWCB1
		ERASE
		SHOWCB2
RC	-	Return code of VSAM call
FDBK	-	Feedback code of VSAM call

DF5414E   RT=???-??????? ST=???-??????? EC=?????????????????????????
**   ?????????????????????????????**

This message is generated if an error occurred during change of record key

RT -> Ready Time
ST -> Start Time
EC -> KDRECORD Key

DF5415E   ***** ROLLBACK REQUIRED FOR ID=##**

This message occures, if a rollback is required.

DF5416E   **ERASE OF OLD RECORD FAILED. THE RECORD SEEMS TO BE DESTROYED**

This message is generated if an error occurred during change of record key

DF5417E   **FUNCTION ?????? FAILED WITH RC ######## FDBK ########**

This message is generated if an error occurred during vsam function call

DF5418P   **FUNCTION ?????? WAS RETRIED ### TIMES**

This message is generated if a temporary access failure to KD did persist.
RC and FDBK are signaled in the next message.

DF5U01P   **ID=nn, RC=00, REC=key, ORT=sid, dsn, RD=readydate, RT=readytime,**
                     SD=startdate, ST=starttime

This message is generated if the access to the key data set ended with certain return codes.
The message may appear if errors occur during access to the key data set.

DF5U03I   ***** SAVING OF rvs KEYDATA AND rvs KEYLOG DATA SET REQUIRED *****

This message appears only in conjunction with message DF5K02W.

DF5U06I   ***AUTOMATIC CLOSE FOR KEY DATA SET EXECUTED BECAUSE OF VSAM**
                     FEEDBACK CODE 14 (HEX)

An update of the rvs key dataset could not be executed because of VSAM feedback code 14.
The code means a control intervall which is connected to the update processing is in
exclusive control by another task. This error situation is automaticly cleaned by an
CLOSE/OPEN of the control data set. rvs repeats the faulty update.

DF5U08E   **USER ABEND 0640, REASON=XX (DEC) OCCURED**

An error record occurred during access to the rvs key record. A MODCB, GENCB, or
SHOWCB macro could not be executed.

DF5U09E   **USER ABEND 0650, REASON=XX (DEC) OCCURED**

An error record occurred during access to the rvs key record. A record was found in the key
dataset that could not be decompressed. *Please use program DF144A to find and delete the
incorrect record(s).*

Message DF5U10E is for possible error detection only. They are not in effect for users purpose.

DF5U10E   **INVALID RECORD: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX**

DF5501E   ***f lll,lll* OVERFLOW SWLIST TABLE - TOO MANY STATIONS DEFINED**
              FOR LINE lll

The rvs stations table contains too many station entries that use the same BSC line "lll" ("lll" denotes the subchannel address of the line. A maximum of 200 station entries may define the same line. This message may be issued after activation of line "lll", in this case the activated line control is terminated with user abend 551.

DF5502E   **OPEN ERROR ON LINE lll**

An activation command for line "lll" has been entered. During initialization of the line control program, the open processing for the line failed. After this message, the linecontrol will terminate with user code 20 (dec.)

DF5503A   ***A-lll,lll* *** READY TO TRANSMIT *****

An activation command for the switched BSC line "lll" has been entered. This message indicates that activation of the line has completed successfully. This is the status where the line control program is waiting for start of data traffic on the line.

DF5504E   ***f-sid,lll* INVALID STATION ID RECEIVED**

A line connection das been established (dialing). During execution of the identification phase, the remote station has sent an identification, which is not defined within the rvs stations table As a result of this error, the line connection will be broken. The rvs trace (see chapter 8) may be used to determine the reason for this.

DF5505E   ***f-sid,lll* * * * LINE CONNECTED * * ***

This message indicates that a lineconnection with the remote station "sid" on line "lll" has been established and that the identification phase has been completed successfully.

DF5506I   ***f-sid,lll* *** TRANSMISSION ENDED *****

The transmission(s) with the corresponding station "sid" on line "lll" has ended. After display of this message, the line error block (LERB) is will be displayed and

- the line control program will stop if a stop command has been entered for this line previously

or

- the line control program is waiting for the next data traffic (indicated by display of message DF5503).

DF5507E   ***f-lll,lll* LINE IS NOT DEFINED WITHIN STATIONS TABLE**

An activation command for line "lll" has been entered, but there is no line entry for the switched line "lll" within the rvs stations table. The line control will be terminated with user code 100 after this message.

DF5508E   ***f-lll,lll* NO PROGRAM PROFILE FOUND FOR THIS LINE**

An activation command for line "lll" has been entered, but the program profile defined for this line (rvs stations table) has not been found within the rvs program profile table. The line control will be terminated with user code 100 after this message.

DF5509E   *f-sid,lll* PROGRAM PROFILE (ppp) NOT FOUND

A line connection with station "sid" on line "lll" has been established. During identification phase, the program profile "ppp" defined for station "sid" is used, but this profile is not defined within the rvs program profile table. The line connection with station "sid" will be broken after this message.

DF5510E   *f-sid,lll* PASSWORD MISSING TO CONNECT THE LINE

Additional to the identification, a password (exchange) after identification is defined for station "sid" (see rvs stations table). But the expected record type for password (exchange) has not been received from "sid" after identification. After this, the line connection with station "sid" will be broken.

DF5511E   *f-sid,lll* INVALID PASSWORD RECEIVED

Additional to the identification, a password (exchange) after identification is defined for station "sid" (see rvs stations table). But the received password did not match the values specified for station "sid" within the rvs stations table, parameter "RECVPW". After this, the line connection with station "sid" will be broken.

DF5512E   *f-sid,lll* NO VALID STATIONS ENTRY FOUND FOR sid

A request for autodial to station "sid" has been passed to the line control program. But the stations entry for "sid" could not be found. This error should not occur (rvs program error).

DF5513E   *f-sid,lll* NO DIALNUMBER SPECIFIED FOR sid

A request for autodial to station "sid" has been passed to the line control program. But the stations entry for "sid" does not contain the number to be dialed (see rvs stations table). The dial request cannot be processed.

DF5514E   *f-sid,lll* CONNECTION FAILED

The line connection failed (is broken). There are many reasons which may leed to this result: line errors, timeouts, incorrect definition of the transmission protocol to be used and others. To determine the reason for this, a trace (rvs or GTF) should be started.

DF5515E   *f-sid,lll* RESETPL MACRO FAILED, RC=X'xx'

Execution of a RESETPL macro failed (this error should not occur). After this message, the line connection will be broken.

DF5516E   *f-sid,lll* CONNECTION CANCELLED BECAUSE OF EXIT name

An "Identification User Exit" is installed ("name" denotes the loadname of the exit). This exit controlls the identification phase which is performed after the line connection (dialling) is

established. The exit returned a nonzero returncode to rvs as a request to break the line connection. This message is followed by message DF5514E.

DF5517W   *F-sid* CONNECTION REJECTED - ISTATUS=INACTIVE

A request for establishing a connection with station 'sid' has been rejected because the stations entry is not released until now. ISTATUS can be changed dynamically by the Operator (see rvs Operations Manual) if neccessary.

DF5556E   *F-LLL* UNACCEPTABLE FUNCTION CODE TO INITIATE I/O-INTERFACE

Line driver call for I/O-interface with an invalid function code. The request cannot be processed and the connection will be terminated.
User action: none, contact software distributor.

Messages of Line Control Program DF056B00

DF5600M   *f sid,lll* message text

A message has been received from station "sid". This message is displayed on console.

DF5601A   sid EXPECTS dsname - DATA SET NOT FOUND

The operator of the remote station 'sid' wants to receive the data set 'dsname'. However, this data set has not been queued for transmission. The causes can be:
- data set has not yet been established
- control data set update has no yet been run
- data set has already been transmitted but has been lost at remote station
- operator at remote station is using incorrect name.

DF5602E   *f-sid* INVALID REQUEST

The previous commond for this station was formally incorerrt or cannot be executed.

DF5603E   *f-sid* OPEN ERROR ON ddname

Line 'ddname' cannot be opened.

DF5604P   *f-sid* sid2 * dsname time HL-RESPONSE IGNORED - RECORD NOT FOUND

The receipt of a 'high level response' (end to end control using the 'dreiecksverkehr-function') from the next connected station 'sid2' could not be written to the control data set because there was no fitting control record in the data set. 'dsname' is the data set name of the data set which has been transmitted and 'time' is the ready-for-transmission-time of the data set.

DF5605E   *f-sid* INVALID ID (sid) RECEIVED - CORRECT ID REQUIRED TO
CONNECT THE LINE

The remote station sent an identification 'sid' which is not defined in the station table of the local station. The remote station will be not accepted.

DF5606I   *f-sid,lll *** LINE CONNECTED ***

Station 'sid' itself identified correctly over line 'lll'. Data transmission begins after exchange of some additional information.

DF5608P   *f-sid* EFFECTIVE SPEED = nnnn BPS

After transmission of the trailer record the transmission speed is determined for the current data set. The larger the data set the more precise is the statement concerning speed. With very small data sets or in the event of a restart, the speed determined is severely reduced by intensive computer activations (ALLOCATION, OPEN, CONTROL, CLOSE).

DF5609P   *f-sid* I/O SUBTSDK ABEND S=sss, U=uuu

A subtask responsible for data input or output terminates abnormally with system completion code 'sss' or user completion code 'uuu'.

DF5610E   *f-sid,lll* CONNECTION FAILED

The line connection was interrupted or failed. When determing the cause attention should be payed to previous system messages or messages of the rvs monitor.

DF5611E   *f-sid,lll* OVERFLOW SWLIST TABLE - TO MANY STATIONS DEFINED FOR THIS LINE ****

The rvs stations table contains too many station entries (or alias names for stations) that use the same (limit: 200).

DF5612E   *f-sid,lll* LINE CANNOT BE STARTED

Line lll cannot be activated, the reason may be: error in allocation, line is incorrectly generated, line is OFFLINE. A system programmer or IBM technician must be consulted.

DF5614I   *f-sid* dsname - REMOTE ABEND sss, uuu

An error has occurred at the remonte station (sss=system completion code, uuu=user completion code). rvs does not attempt an automatic restart for this data set.

DF5615P   *R-sid,lll* REMOTE BCC=xxxx LOCAL BCC=yyyy TEXT=text

rvs stations (MVS, VSE and DOS) check transmitted data by a self-computed block-check-character (2 bytes). Each line block of type 'D' contains at the end the BCC computed by the transmitting station. The receiving station itself computes a BCC and compares both. If the remote and local computed BCC are not equal, this message appears at the receiving (local) station. The line block will be transmitted once more.
       lll   = line address
       xxxx   = block check character of the transmitting station
       yyyy   = block check character of the receiving station
       text   = first bytes of the line block (in hex).

DF5616P   *f-sid,lll* RVI SENT

In some cases the receiving station sends a 'RVI' sequence if the transmission is cancelled by operator or if an error occures in the receiving subtask.

DF5617P   ***f-sid* dddd xxxx...   TEXT yyy...**

> After line faults the DECB xxxx... and the start of the data area yyyy... for the line is indicated. dddd indicates a displacement to the beginning of the line control program.

DF5618E   ***f-sid,lll***
$$\begin{Bmatrix} \text{NEGATIVE ACK} \\ \text{TIMEOUT} \\ \text{LOST DATA} \\ \text{LINE I/O-ERROR} \end{Bmatrix}$$ **RETRY A CONNECTION**

> The transmission of a block is faulty in spite of repeated attempt The data connection is interrupted. If the error occures several times, the connection should be redialed (on switched lines).

NEGATIVE ACK	The remote station indicates the reception of a faulty block.
TIMEOUT	The remote station does not answer.
LOST DATA	The control unit has received more data than expected. If this occures frequently the control unit is probably incorrectly generated.
LINE I/O-ERROR	All other line errors.

DF5619E   ***f-sid,lll* TRANSMISSION TERMINATED DUE TO REMOTE ABNORMAL CONDITION**

> At the remote station an error has occurred requiring the abort of the current transmission. Message DF5614I usually follows.

DF5620P   ***f-sid,lll* dsname RESPONSE IGNORED**

> During the normal termination phase of a transmission the receiving station sends the RESPONSE record (rvs line protocol record). This RESPONSE record is to be ignored because there is no fitting AS-record with the data set name 'dsname' in the control data set of the transmitting station. Either the RESPONSE record has been generated with the wrong 'dsname' by the receiving station or the control data set of the transmitting station is in error.

DF5621A   ***A-lll* READY TO TRANSMIT**

> The transmission can start: Dial the desired station and press the data button.

DF5622I   ***A-sid,lll* *** TRANSMISSION ENDED *****

> The transmission of data with the corresponding station has terminated. DF5621A follows if 'P-sid' or 'C-sid' was not entered previously.

DF5623A   ***f-sid,lll* INTERVENTION REQUIRED - ENTER A COMMAND TO RETRY THE CONNECTION**

> The hardware connection between the control unit and the modem has been interrupted. After elimination of the fault a station related command (e.g. 'M-sid' or 'Q-sid') must be entered in order to restart the transmission.

DF5624E   ***f sid,lll* TRANSMISSION OF dsn REJECTED BECAUSE OF EXIT DFUX001**

> see message DF1601E

DF5625E   *f sid* COMMAND NOT SUPPORTED

> This message appears if one of the commands 'M-sid', 'Q-sid' or 'R-sid' is entered, and the remote station does not support the full rvs line procedure. In this case the commands cannot be executed.

DF5626P   *f sid,lll* INVALID FEATURE XX IN A-RECORD

> The feature bytes represents the transmission mode (i.e. is compression to be performed or not) between the actual transmitting and receiving station. The transmission mode will be determined during the rvs protocol record exchange (I-A-record exchange). The reason for this message is an program error of the transmittin or receiving station.

DF5628A   *f sid* VOL=nnnnnn NEEDED, BUT CURRENTLY NOT REACHABLE

> The transmission stops because the monitor cannot access the volume nnnnnn because it is reserved by another CPU. The transmission is continued as soon as the disk is released.

DF5629P   *f sid,lll* $\left\{ \begin{array}{c} \text{ENQ} \\ \\ \text{DEQ} \end{array} \right\} \left\{ \begin{array}{c} \text{HAVE} \\ \text{TEST} \\ \text{USE} \end{array} \right\}$ RETURN CODE: nnnn   DSN=dsname

> The occurence of ENQ and DEQ macros is listed for error analysis.

DF5630P   *f sid,lll* dsname   FILE HAS ALREADY BEEN TRANSMITTED volume

> An entry of the control data set shows a complete transmission of the data set 'dsname'

DF5631P   *R sid,lll* RESPONSE QUEUED DSN = data set name

> The response to the sender is generated after complete reception of a data set.

DF5632E   *f sid,lll* text

> see message DF1602E

DF5633E   *f sid,lll* LINE I/O ERROR, SYNCHRONIZATION WITH REMOTE STATION NOT ESTABLISHED

> It has not been possible to establish synchronization with the remote station on a leased line. The monitor repeats the attempt.

DF5634E   *f sid,lll* FILNAL STATION 'sid2', BUT NO VALID ENTRY IN STATIONS TABLE

> The station 'sid' received a data set. After receiving this data set should be transmitted to a third station with station 'sid2' but for the third station there is no valid entry in the stations table.

DF5635P   *f sid,lll* i-RECORD RECEIVED DSN=dsname DSTIME=time
DF5636P   *f sid,lll* i-RECORD HAS BEEN SENT DSN=dsnameDSTIME=time

The received or transmitted rvs protocol records will be noted in the printout.

DF5637P   *f sid,lll* xx $\begin{Bmatrix} \text{WACKS} \\ \text{TTDS} \\ \text{STXETX} \end{Bmatrix}$ **RECEIVED**

Since line control has been established, the remote station has transmitted xx control character until now (WACKS, TTDS, STXETX (DUMMY record)). This fact indicats, that the remote station is not able to transmit or receive data at this time, but the remote station wants to keep line control.

DF5638P   *f sid* NO RESERVED VOLUMES NEEDED

This message appears if the TP-task recognizes an interlock situation (timeout may occur on a switched line). The reason for this situation is not a RESERVED volume caused by another task.

DF5640E   *f sid,nnn* TRANSMISSION TERMINATED BECAUSE OF INCOMPLETE CONNECTION PHASE

The transmission to station 'sid' has been interupted because no identification has been received from this station.

DF5641I   JCL DATA SET dsname NOT SCRATCHED, RC=xx

A data set has been received which contains JCL. After submission of the JCL the data set normaly has to be scratched. In this case it could not be done because of return code 'xx' ('xx' is a return code of the 'SCRATCH Macro').

DF5642E   *S-sid,lll* TRANSMISSION OF dsname REJECTED
DF5643E   *S-sid,lll* REMOTE STATION DOES NOT SUPPORT PDS TRANSFER FUNCTION

The partitioned dataset with name "dsname" should be transmitted to station "sid" on line "lll". During start of this transmission rvs detected that the remote station does not support PDS transfer. As a result of this situation, the dataset cannot be transmitted, the send request is placed in "hold" state and - for switched lines - the line connection will be broken.
The send request for this dataset should be deleted because it cannot be assumed that the remote station will be able to support PDS transfer in the next time. This function is supported only by stations, which have installed rvsMVS release 1.0 or a following release.

DF5644W   *A-sid* CONNECTION REJECTED - ISTATUS=INACTIVE

A request for establishing a connection with station 'sid' has been rejected because the stations entry is not released until now. ISTATUS can be changed dynamically by the Operator (see rvs Operations Manual) if neccessary.

DF5645I   *F-sid R-RECORD dsname OUTSIDE PROTOCOL BOUNDARY - IGNORED -

A invalid R-Record has been arrived. Because of no transmission before this record will be ignored.

DF5646I   *F-sid R-RECORD:XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

A invalid R-Record has been arrived. This record has a wrong length or incorrect fields COUNTER or DSN.

Line Control Program DF057B00
Look for non descripted messages to DF56xxx.

DF5703E   ***F-sid,lll* INVALID SEQUENCE OF PROTOCOL RECORDS**

A line connection to station "sid" has been established using line "lll". During transmission (sending or receiving of a dataset) rvs detected an invalid flow of protocol records. As a result of this error, the line connection will be broken.
The reason for this error may be:

- the remote station does not handle the used transmission protocol in a correct way

- the transmission protocol, which is defined to be used for the remote station "sid" (see member PROGPROF in the rvs tables dataset, described in the rvs interface description) is not correct. This means, the transmission protocol defined for station "sid" does not meet the protocol specifications which the remote station is able to process.

If this is a permanent error, a rvs trace should be started in order to obtain more detailed information about the flow of protocol records. This information should be routed to the distributor.

DF5705W   ***F-sid,lll* INVALID RECORD TYPE (X'tt') RECEIVED, RECORD IGNORED**

A line connection to station "sid" has been established using line "lll". During transmission (sending or receiving of a dataset) rvs received an invalid record type (neither protocol record nor data record). rvs ignores this record, the transmission will be continued.
The reason for this error may be:

- the remote station does not handle the used transmission protocol in a correct way

- the transmission protocol, which is defined to be used for the remote station "sid" (see member PROGPROF in the rvs tables dataset, described in the rvs interface description) is not correct. This means, the transmission protocol defined for station "sid" does not meet the protocol specifications which the remote station is able to process.

An rvs trace may be used to obtain more information.

DF5742E   ***S-sid,lll* TRANSMISSION OF dsname REJECTED**
DF5743E   ***S-sid,lll* REMOTE STATION DOES NOT SUPPORT PDS TRANSFER FUNCTION**

The partitioned dataset with name "dsname" should be transmitted to station "sid" on line "lll". During start of this transmission rvs detected that the remote station does not support PDS transfer. As a result of this situation, the dataset cannot be transmitted, the send request is placed in "hold" state and the line connection will be broken.
The send request for this dataset should be deleted because it cannot be assumed that the remote station will be able to support PDS transfer in the next time.
This function is supported only by stations, which have installed rvsMVS release 1.0 or a following release.

DF5801I   ***R-sid* dsname(member) SUBMITTED, JNM=name(number)**

A data set has been received from station 'sid'. After reception of the file the data set 'dsname(member)' has been submitted (automatic jobstart after receiving). 'member' and 'number' denote the name and number of the submitted job.

```
                              ⎧dsname(member)⎫
DF5802E    *R-sid* SUBMIT OF ⎨                ⎬ FAILED, RC=xx
                              ⎩dsname         ⎭
```

After reception of a data set from station "sid" the data set "dsname" (or the member "member" of the PDS "dsname") should have been submitted. During this action an error occurred. The JCL could not be submitted. The following returncodes (hex) may occur:

0x04	The data set 'dsname' was not allocated or could not be allocated.
0x08	The member 'member' does not exist in the PDS "dsname".
0x0C	Error during accessing the internal reader or the data to be submitted have not a recordlength of 80 or exit DFUX003 could not be loaded.
0x10	Execution of exit DFUX003 ended with a returncode of 12 (dec.) or higher.
0x14	The data to be submitted are not a valid job. This means, the first card(s) of the data to be submitted are not JES3 comment cards (starting with "//*") and not a valid job card (starting with "//name JOB") where "name" is any valid jobname)
0x18	Creation of ACB/RPL failed
0x1C	Job member exists but is empty
0x20	open job data set failed
0x24	FIND macro wrong
0x28	invalid DCB attribute of job
0x2C	//*SYSOUT not allowed in job dataset

      ABEND 580:   RJE can't create KD entry (output can't sent back)

DF5803I   ***R-sid* text**

'text' is a message of the user exit DFUX0003.

DF5804I   ***R-sid* ALLOCATION OF JOB DATA SET FAILED, ERROR=xxxx-yyyy**

After reception of a data set from station 'sid' an automatic job start should have been executed. The allocation of the job data set containing the JOB member failed (dynamic allocation error xxxx, info code yyyy) see SPL Job Management. This message will be followed by DF5802I.

DF5805I   ***R-sid* MEMBER member NOT FOUND IN DATA SET dsname**

After reception of a data set from station 'sid' an automatic job start should have been executed but the member containing the JCL could not be found. This message will be followed by DF5802I.

DF5806I   ***R-sid* JOB (PROTOCOL) SUBMITTED BECAUSE OF FAILING JOBSTART**

After reception of a data set from station 'sid' an automatic job start should have been executed but this jobstart failed. As a result of this and specification of rvs start parameter "JFP=YES" another job (member JFPJCL of the rvs tables dataset) has been submitted in order to notify somebody about the failing automatic jobstart.

DF5807I   ***R-sid* WRITING OF EVENT 'event name' TO 'yyyy' {WAS | NOT}**
           SUCCESSFUL, RC=cc

After reception of a dataset from station 'sid' an event 'event name' was written to the job scheduling subsysten 'yyyy'. The action was successful or not successful according to the return code of the executed macro.

DF5808E   *R-sid* JOB PREPARED FOR CANCEL BECAUSE OF FAILED RENAME,
**   JNM=name(number)**

After reception of a dataset from station 'sid' the dataset could not be renamed. In case of GDG-processing the jobstart is cancelled to avoid processing of the wrong GDG version.

DF5809I   *R-sid* JOB SUBMISSION / WRITING OF EVENT ALREADY DONE, SUPPRESSED NOW

After reception of a dataset rvs checks whether a jobstart (writing of event) has already been done for this file. In this case a second job-submit will be suppressed. This message indicates an interal error, it should normally never occur.

DF5810W   *F-sid* WRITING OF EVENT SUPPRESSED BECAUSE OF FAILED RENAME

After reception of a dataset from station 'sid' the dataset could not be renamed. In this case writing of event is suppressed to avoid processing of not existing file.

DF5811P   *R-ORT* LOG ENTRY (LG) FOR text
DF5817I   *R-ORT* CONTINUE WITHOUT CHANGE OF JOB STATEMENT, CARD DATASET OPEN
**   ERROR**

Messages DF5811P until DF5817I are for possible error detection only. They are not in effect for users purpose.

DF5812E *F-sid* FIND FAILED, RETCODE=rc, REASON=rs (HEX)

Error message in case of a failed FIND macro execution. A FIND macro is used to locate a member in a partitioned dataset (PDS). Returncode (rc) and Reason code (rs) of the FIND macro are displayed in this message. For details, see the IBM manual 'DFSMS Macro Instructions for Datasets'.

DF5813E *F-ORT* JOBSUBMIT IGNORED BECAUSE OF INVALID DCB ATTRIBUTES

Error message about an ignored job-submit. It is assumed that jobdatasets have fixed length records with a record length of 80. If this is not the case, the job-submit will be rejected by rvs.

DF5818E JOB-SUBMIT INITIALIZATION FAILED (CREATION ACB/RPL)

Error message in case of failed initialization of job-submit function of rvs. The job-submit function of rvs cannot be used if this error has occured (during start of rvs).

DF5819I MAX=a USE=b INS=c SUB=d RES=e T1=t1 T2=t2

This message is displayed as a response to command DS JDSLIST[,ALL]
It shows some values concerning the jobdataset cache:

a – maximum number of datasets within cache list
b – number of jobdatasets currently included in cache list
c – total number of inserts of jobdatasets into cache list since start of monitor
d – total number of job-submits since start of monitor
e – number of executed reset-commands for cache list
t1 – time of first job-submit since start of monitor

t2 – time of first removal of a jobdataset from cache list since start of monitor

t1 and t2 denote the time interval backward from the current time, the format is dd:hh:mm (days, hours, minutes).

DF5820I DSN=name CNT=n T3=t3 T4=t4

This message is displayed as a response to command DS JDSLIST,ALL
The message is displayed for each jobdataset currently included in the cache list.

name – dataset name of the jobdataset
n – number of job-submits from this jobdataset since (last) insert of this dataset into the cache list.
t3 – time when the jobdataset has been inserted (last time) into the cache list
t4 – time of last job-submit from this dataset

t3 and t4 denote the time interval backward from the current time, the format is dd:hh:mm (days, hours, minutes).

DF5821I UNALLOCATION ERROR XXXX-YYYY FOR ...

This message is displayed if unallocation of job dataset failed.

DF5822I RESET OF JOBDATASET CACHE-LIST COMPLETE

This message is displayed as a response to command 'F JDSLIST,R'. It indicates, that processing of the reset command has been done.

DF5823E *?-??? * OPEN FAILED FOR JOB DATASET …

This message is displayed if open of job dataset failed.

DF5824E ?-??? * OPEN COMPLETION CODE   ...

This message is an addition of DF5823E and shows the open completion code.

DF5901I   *S-sid* dsname * TRANSMISSION COMPLETE * {KEPT   }
**   {DELETED }**

After transmitting a data set including the T-record (trailer record) the receiving station answers with an R-record (response record). If this R-record has been accepted by the transmitting station the disposition, the status of the send request entry of the control data set changed from 'active' to 'complete'. The disposition specified in the send request entry - related to the transmitted data set - will be performed. The data set is either held on disk, uncataloged or deleted.

DF5902E   *S-sid* dsn * TRANSMISSION ENDED WITH ERROR *

The dataset "dsn" has been sent to station "sid". After this, the termination routine is entered. This routine checks the the completeness of the transmission and performs - if the transmission was complete - the dataset disposition. In this case, an error has been detected by the termination routine. One reason may be that the receiving station has indicated that the transmission was not ok. This message indicates that an error has occurred and that the dataset must be retransmitted.

DF5903E   *S-sid* UNEQUAL BLOCK NUMBER - S = sss, R = rrr

'sss' blocks have been transmitted and 'rrr' blocks are confirmed by the receiver. In order to eliminate the error, all active control data set entries at the receiver and transmitter which

relate to the data set in question must be deleted. This can be done by entering the commands: D-sid,S=dsname; D-sid,R=dsname. In order to get confirmed the deletion, enter the commands: N-sid,Q=name or N-sid,R=name. The data sets to be transmitted must be queued again. If the error occures again there is a programming error.

DF5907W   *S-sid* dsname NOT $\left\{ \begin{array}{l} \texttt{DELETED} \\ \\ \texttt{UNCATLGD} \end{array} \right\}$ nn - rc

After transmission of a data set, this data set should be deleted or uncataloged. The following errors can occur:

UNCATLG nn=	08		data set was nor cataloged	
	28		error in catalog	
DELETED nn= 08		rc=	01	data set is not located on specified volume
			02	data set is protected by PASSWORD
			03	expiration date has not yet expired
			04	I/O error
			05	volume is not mounted
			06	a mass storage volume could not be mounted
			07	data set is still required by another job
			08	the monitor is not authorized to erase an RACF protected data set
			09	RACF error
nn= 12		rc=	00	programming error

DF6101I   *R-sid* mn* LOAD OF PDS COMPLETE, VOLUME=volume

A dataset has been received from station "sid". The received dataset is an unloaded PDS which must be loaded again. This message indicates that load of the PDS has successfully completed. "volume" denotes the disk volume number onto which the (loaded) PDS has been stored. "mn" denotes the session (SNA) or the line address (BSC) which was used for receiption of this file.

DF6102E   *R-sid* mn* DATASET dsname ALREADY EXISTS ON VOLUME volume

A dataset has been received from station "sid". The received dataset is an unloaded PDS which must be loaded again. rvs cannot load the received PDS onto the specified disk volume "volume" because a dataset with the same name already exists on this volume. The transmission will be terminated abnormally. This error should normally not occur because rvs tries loading of the PDS a second time with modified dsname before this message is issued. See rvsMVS User's Manual (Appendix) for a description of PDS transfer. "mn" denotes the session (SNA) or the line address (BSC) which was used for receiption of this file.

DF6103E   *R-sid* mn* VOLUME volume NOT MOUNTED

A dataset has been received from station "sid". The received dataset is an unloaded PDS which must be loaded again. rvs cannot load the received PDS onto the specified disk volume "volume" because this volume is not mounted (or an incorrect volume number has been specified, for example within a resident receive entry). The transmission will be terminated abnormally. See rvsMVS Installations Manual (Appendix) for a description of PDS transfer. "mn" denotes the session (SNA) or the line address (BSC) which was used for receiption of this file.

DF6104E   *R-sid* mn* UNIT NAME OF VOLUME volume NOT FOUND

A dataset has been received from station "sid". The received dataset is an unloaded PDS which must be loaded again. rvs cannot load the received PDS onto the specified disk volume "volume" because rvs cannot find the unit name (UCB) of this volume (Probably rvs internal error). The transmission will be terminated abnormally. See rvsMVS Installations Manual (Appendix) for a description of PDS transfer. "mn" denotes the session (SNA)or the line address (BSC) which was used for receipation of this file.

DF6105E   *R-sid* mn* ALLOCATION ERROR XXXX-YYYY FOR DSN dsname

A dataset has been received from station "sid". The received dataset is an unloaded PDS which must be loaded again. rvs cannot load the received PDS because an allocation error for the PDS.
"dsname" has occurred (for the error code "xxxx" and the info code
"yyyy" see (for example) the IBM manual OS/VS2 SPL Job Management). The transmission will be terminated abnormally. See rvsMVS Installations Manual (Appendix) for a description of PDS transfer.
"mn" denotes the session (SNA) or the line address (BSC) which was used for receipation of this file.

DF6106E   *R-sid* mn* ALLOCATION ERROR XXXX-YYYY FOR SYSPRINT FILE

A dataset has been received from station "sid". The received dataset is an unloaded PDS which must be loaded again. rvs cannot load the received PDS because an allocation error for a workfile (sysprint file) used for loading has occurred (for the error code "xxxx" and the info code "yyyy" see (for example) the IBM manual OS/VS2 SPL Job Management) The transmission will be terminated abnormally. See rvsMVS Installations Manual (Appendix) for a description of PDS transfer. "mn" denotes the session (SNA) or the line address (BSC) which was used for receipation of this file.

DF6107E   *R-sid* mn* NONZERO RETURNCODE OF PDS LOAD

A dataset has been received from station "sid". The received dataset is an unloaded PDS which must be loaded again. rvs cannot load the received PDS. Additional error information is available in the rvs printout (see message DF6109P). The transmission will be terminated abnormally. See rvsMVS Installations Manual (Appendix) for a description of PDS transfer. "mn" denotes the session (SNA) or the line address (BSC) which was used for receipation of this file.

DF6108E   *R-sid* mn* LOAD OF RECEIVED PDS FAILED

Display of this message is always preceeded by one of the messages DF6102E up to DF6107E, it is a general error message if load of a PDS failed. For more error information see the preceeding message(s).

DF6109P   text

This message is only printed on the printout (SYSWTO) file of the rvs monitor (not on console). It is always preceeded by display of message DF6107E and contains more error information why load of the received PDS was not possible. In general, several of these messages with different (self explaining) "text" will be printed immediately one behind the other (complete "sysprint protocol" of the load utility).

DF6110E   *R-sid* mn* ALLOCATION ERROR XXXX-YYYY (dataset)

A dataset has been received from station "sid". The received dataset is an unloaded PDS which has been loaded successfully. An unallocation error has occurred for "dataset", which

may be either UNLOADED PDS or PDS (for the error code "xxxx" and the info code "yyyy"
see (for example) the IBM manual OS/VS2 SPL Job Management) The transmission will be
completed normally. "mn" denotes the session (SNA) or the line address (BSC) which was
used for receiption of this file.

DF6111E   *R-sid* mn* UNLOADED PDS NOT SCRATCHED, RC=xx, SC=yy

A dataset has been received from station "sid". The received dataset is an unloaded PDS
which has been loaded successfully. After this, the unloaded PDS (used as a work dataset) is
no longer needed and should be scratched, but scratch of this dataset failed. "xx" denotes the
returncode, "yy" denotes the scratch code of the scratch macro (see for example the IBM
manual OS/VS2 SPL Data Management). The transmission will be completed normally. "mn"
denotes the session (SNA) or the line address (BSC) which was used for receiption of this file.

DF6112E   *R-sid* mn* DATASET COULD NOT BE CATALOGED, RC=xx

A dataset has been received from station "sid". The received dataset is an unloaded PDS
which has been loaded successfully. After this, this PDS shall be cataloged, but the catalog
macro failed with returncode "xx" (see for example the IBM manual OS/VS2 SPL Data
Management). The transmission will be completed normally. "mn" denotes the session (SNA)
or the line address (BSC) which was used for receiption of this file.

DF6115P   *R-sid mn* DATASET TO BE SCRATCHED IS NOT CATALOGED

A PDS file has been received. After receiving of the unloaded PDS, the file has been loaded
again. The unloaded PDS is not longer needed and will be scratched. But during scratch of
this file it has been determined, that this file is not cataloged. Thus it can not be scratched.
This situation should normally never occur.

DF6201I   STATION ID MISSING WITHIN DIAL COMMAND

The command "DIAL sid" has been entered. But the required parameter "sid" (id of station to
be dialed) has not been specified. As a result of this, the dial request will be ignored.

DF6202I   STATION ID sid NOT DEFINED WITHIN STATIONS TABLE

The command "DIAL sid" has been entered. But the specified value of "sid" (id of station to be
dialed) is not defined within the rvs stations table. The dial request will be ignored.

DF6203I   STATION ID sid NOT DEFINED FOR BTAM/BSC LINES

The command "DIAL sid" has been entered. But there is no entry for station "sid" within the
rvs stations table, which defines "sid" as a station connected via BTAM/BSC line. As a result
of this, the dial request will be ignored.

DF6204I   NO BTAM/BSC LINE FOUND FOR STATION sid

The command "DIAL sid" has been entered. But no line entry has been found within the rvs
stations table for the subchannel address(es) specified within the entry (parameter
"SUBCHANL") for station "sid". As a result of this, the dial request will be ignored.

DF6205I   NO AUTODIAL LINE FOUND FOR STATION sid

The command "DIAL sid" has been entered. But none of the line(s) defined for station "sid" is defined as an "autodial" line within the rvs stations table. As a result of this, the dial request will be ignored.

DF6206I   PREVIOUS DIAL COMMAND NOT YET PROCESSED

The command "DIAL sid" has been entered. But a previous command "DIAL sid" for the same station "sid" is not yet processed. Only one dial request for a certain station may be specified at one time. The additional dial request will be ignored.

DF6207E   DIAL COMMAND IGNORED

The command "DIAL sid" has been entered. But this command will be ignored. This message is always preceeded by an additional message which indicates the reason for this.

DF6208I   STATION sid WILL BE CALLED ON LINE lll

The command "DIAL sid" has been entered. This message indicates that this command has been accepted. Automatic dialing to station "sid" on line "lll" will be initiated in the next time (see DIAL command within rvsMVS Operations Manual for more details).

DF6209I   DIALNUMBER MISSING FOR STATION sid

The command "DIAL sid" has been entered. But the definition of the station "sid" within the rvs stations table does not include the DIALNUM parameter which is mandatory for autodial. The dial request will be ignored.

DF6210I   LINE lll NOT DEFINED FOR STATION sid

The command "DIAL sid,lll" has been entered. But there is no entry for station "sid" within the rvs stations table which includes the subchannel number "lll". The dial request will be ignored.

DF6211I   LINE lll IS NOT AN AUTODIAL LINE

The command "DIAL sid,lll" has been entered. But line "lll" is not defined as an autodial line within the rvs stations table. The dial request will be ignored.

DF6301E   DSN PARAMETER INVALID OR MISSING, COMMAND IGNORED

The command "FREE DSN=dsn" been entered. But either the required parameter "DSN=dsn" is missing or was not specified correctly. The command will be ignored.

DF6302I   DATASET dsn UNALLOCATED

The command "FREE DSN=dsn" been entered. The dataset "dsn" has been unallocated successfully from the address space of the rvs monitor.

DF6303I   DATASET dsn NOT ALLOCATED TO rvs

The command "FREE DSN=dsn" been entered. But the dataset "dsn" is not allocated to rvs. No further action is done.

DF6304I   UNALLOCATION OF dsn FAILED, ERROR=xxxx-yyyy (HEX)

The command "FREE DSN=dsn" been entered. The dataset "dsn" is allocated to rvs. But the unallocation request for "dsn" failed. "xxxx" denotes the error reason code, "yyyy" the info reason code of the unallocation, see OS/VS2 SPL: Job Management or MVS/XA System Macros and Facilities Volume 1 for more details.

DF6305I DATASET INCLUDED IN JOBDATASET CACHE LIST - USE COMMAND 'F JDSLIST'
INSTEAD

This message is displayed as a response to command FREE DSN=name. Unallocation of the dataset 'name' is requested, but the command is not executed because the specified dataset is currently included in the jobdataset cache list of rvs. Unallocation of this file may be forced only with the reset command for the cache list:
F JDSLIST,R
This command clears the complete cache list including unallocations for all jobdatasets within the cache list.

DF6601E   * DYNAMIC ALLOCATION ERROR RC=xx ERROR=yyyy INFO=zzzz *** DDN=ddname**
DSN=dsname

The monitor and some service programs are attempting to allocate the data sets dynamically using the DDN=KD, rvsLOG and STATIONS. This is possible if they are not allocated by other jobs. In case of an error this message appears.

$$
\textbf{DF6901I *A-sid* LINE nnn}
\begin{cases}
\textbf{ALLOCATED} \\
\textbf{UNALLOCATED}
\end{cases}
$$

When line control for station 'sid' was activated (stopped), the line 'nnn' had been allocated (unallocated) dynamically.

$$
\textbf{DF6902E *A-sid*}
\begin{cases}
\textbf{ALLOCATION} \\
\textbf{UNALLOCATION}
\end{cases}
\textbf{ERROR xxxx-yyyy FOR LINE nnn}
$$

During dynamic allocation (unallocation) of line 'nnn'. An error 'xxxx' with info-code 'yyyy' occurred (SVC99 Error Codes), see 'OS/VS2 SPL Job Management'.

DF6903E *A-sid* CANNOT ALLOCATE LINE nnn (UCBNAME NOT DEFINED)

This message occurs when an invalid value for parameter UCBNAME was specified. In this case the dynamic allocation of the line is not possible.

Messages of the TCP/IP line driver of rvsMVS for the TCP/IP stack of IBM

DF8301I   TCP/IP INITIALIZATION COMPLETE, LV=?????????????

This message is issued by the rvs TCP/IP task when task initialization is complete. The level of the program is shown.

DF8302P   rvs TCP/IP TERMINATION ????????

This message is issued by the rvs TCP/IP control task when task termination has started or is complete.

DF8303I   TCP/IP SUBTASK ACTIVE, LV=?????????????

This message is issued by the rvs TCP/IP task in response to a display (DS) command. The message shows the level of the program.

DF8304I   ?????????? FAILED, S=#####, ERRNO=#####

This message is issued by the rvs TCP/IP task when a TCP/IP request fails. The message shows the failing request, the socket number for which the request was issued and the error number. For error number (ERRNO) see " IP and SNA Codes " SC31-8791 in Chapter 13: Sockets and sockets extended return codes.
Remark: For request 'GETHOSTID', the error number is not available (set to zero). Use the TSO-command 'HOMETEST' to get more information about the kind of the error.

DF8305I   ???

This message is issued by the rvs TCP/IP task in order to display a longer message text describing an error number.

DF8306E   INITAPI FAILED, ERROR=#####

This message is issued by the rvs TCP/IP task when initapi failed. The TCP/IP task is terminated after this event.

DF8307E   API MODULE COULD NOT BE LOADED

This message is issued by the rvs TCP/IP task when the TCP/IP interface is not available. The TCP/IP task will be terminated after this event.
Note: For some functions the MVS C runtime library is neccessary in order to satisfy the request. E.g. for the the function GETHOSTBYNAME assigning the IP address to a specified host name using name servers the c runtime library is mandatory.

DF8308P   *A-???* ??????? COMPLETE, S=#####,P=#####,IP-ADDR=###.###.###.###

This message is issued by the rvs TCP/IP task when an IP connection has been established (either after connect or accept). The message shows the socketnumber, remote portnumber and remote IP address. An OFTP task will be started after this event.

DF8309W   SESSION START REJECT, NO RESOURCE (TCB) AVAILABLE

This message is issued by the rvs TCP/IP task in response to an operator activate station command if no resources (tcb) are available to handle a call request.

DF8310I   *A-???* REMOTE STATION NOT READY

This message is issued by the rvs TCP/IP task when a connect request has not completed successfully. The remote partner addressed by IP address and TCP port did not respond.

DF8311P   *A-???* TCP/IP SESSION LOST, S=#####

This message is issued by the rvs TCP/IP task when loss of a session has been detected. All activities for this connection are terminated.

DF8312P   *A-???* READ COMPLETE, S=#####, L=#####, DATA=^^^^^^^^

This message is issued by the rvs TCP/IP task when a read macro has completed successfully. The message displays the remote station, socket number, datalength and the first 4 bytes of the received data.

DF8313E   *A-???* INCONSISTANT DATA RECEIVED, S=#####, EXPECTED LENGTH=#####, RECEIVED LENGTH=#####'

This message is issued by the rvs TCP/IP task when a received data buffer had a different length than indicated in its header. The connection will be terminated.

DF8314P   *A-???* CANCEL COMPLETE, S=#####

This message is issued by the rvs TCP/IP task when a received data buffer had a different length from that indicated in its header. The connection will be terminated. The socket number is displayed.

DF8315I   *A-???* IP ADDRESS=###.###.###.###, PORT=#####

This message is issued by the rvs TCP/IP task when the open process has completed. This message displays the own IP address and the own port number.

DF8316E   READ ERROR DETECTED: LENGTH NOT POSITIVE

This message is issued by the rvs TCP/IP task when a read macro is to be issued. The specified length is not positive. the session will be terminated as a result of this error, which should not occur.

DF8317P   NO ACTIVE SCT ENTRY FOUND, TCB FOR SOCKET ##### CLEARED

This message is issued by the rvs TCP/IP task when an tcb has been found and no appropriate sct entry exists.

DF8318P   ACTIVE ODETTE TASK HAS BEEN DETACHED, S=#####, SID=???

This message is issued by the rvs TCP/IP task when an active OFTP task has been detached.

DF8319E   ODETTE TASK NOT RESPONDING, WILL BE CANCELLED, S=#####, SID=???

This message is issued by the rvs TCP/IP task when the ODETTE task is not responging any more. It will be detached.

DF8320E   MAX LENGTH FOR READ EXCEEDED (########), REDUCED TO 32767

This message is issued by the rvs TCP/IP task when a read macro is to be issued. The length of the expected data (as indicated in the 4-byte header field) exceeds the maximum value of 32767. It will be reduced to this max value.

DF8321P   SEND ISSUED, S=#####, L=#####, DATA=^^^^^^^^

This message is issued by the rvs TCP/IP after a write macro has been issued. The message displays the remote station, socket number, datalength and the first 4 bytes of the sent data.

DF8322P   ODETTE TASK EOT ECB POSTED, SOCKET=#####, SID=???

This message is issued by the rvs TCP/IP task when the ODETTE task EOT ECB has been posted.

DF8323W   SEND DATA FLUSHED DUE TO LOCKED SERVER QUEUE, s=#####

This message is issued by the rvs TCP/IP task when data to be sent to the ODETTE file transfer protocol task was rejected due to a locked server queue, ie. The task was not ready to accept the request. The message displays the related socket number.

DF8324P   *A-???* ????????????? ###.###.###.###, P=#####

This message is issued by the rvs TCP/IP task when a connection is to be initiated. This message displays IP address and port number of the remote station and of the own station, as well.

DF8325W   OPTION ''ALL'' NOT SUPPORTED BY THIS COMMAND

This message is issued by the rvs TCP/IP task when the option ALL has been used for a command for which this option is not supported.

DF8326E   INVALID COMMAND PARAMETER '

This message is issued by the rvs TCP/IP task when an invalid parameter is used with an issued command.

DF8327P   ODETTE TASK HAS BEEN POSTED, S=#####, SID=???

This message is issued by the rvs TCP/IP task when the odette task is posted for termination. The socket number and station is shown.

DF8328I   SPECIFIED STATION ??? ?????????????????? '

This message is issued by the TCP/IP task when a command referring to a station is used. Either the station could not be found, the station was already active (for activate command) or

the station is not active. This message is also used to indicate a pending trace for a station which is not active at this time or stopping of a trace.

DF8329I   COMMAND OK

This message is issued by the rvs tcp/ip task in response to a command that has been accepted and executed.

DF8330P   ODETTE TASK HAS BEEN DETACHED, S=#####, SID=???

This message is issued by the rvs TCP/IP task when the ODETTE task has been detached.

DF8331I   S=##### ???????? SID=???/??????????????????????

This message is issued by the rvs TCP/IP task in response to a display (DS) command. The message displays the used socket number, the current tcb state, and the station identification (rvs station code and odette station code) if a station is connected.

DF8332E   *A-????* IP-ADDRESS MISSING (GETHOSTBYNAME), ACTIVATION REJECTED

This message is issued by the rvs TCP/IP task when an activation command is to be executed. The IP address of the remote station is not available (not defined within stations table or not available by a name server). The activation is rejected.

DF8333W   ACTIVATE REJECTED FOR STATION ??? - ISTATUS=INACTIVE

This message is issued by the rvs TCP/IP task when an activation command is rejected due to the initial status INACTIVE of the stations entry. Set the status to ACTIVE.

DF8334P   COMMAND REJECTED, TERMINATION OF rvs TCP/IP IN PROGRESS

This message is issued by the rvs TCP/IP task when an activate command has been entered but termination of the rvs TCP/IP task has already started.

DF8335I   UNSOLICITED EVENT OCCURRED RC=^^, TCP/IP ADDRESS SPACE HAS TERMINATED

This message is issued by the rvs TCP/IP task when the unsolicited event exit is driven by the TCP/IP address space. The TCP/IP address space has terminated. RC shows the invocation reason of the event: 1 TCP/IP address space has terminated (TCPEND)
2 TCP/IP address space has terminated the connection to the user (TCPCONEND)
4 Other, call the IBM support center

DF8336E   LOCAL IP ADDRESS (TCPLOCAD=ipaddress) INVALID

This message is issued during start of the rvs TCP/IP control task. The specified local ip-address (parameter TCPLOCAD) is not valid for this host (bind error number 49). The TCP/IP control task will terminate after this error.

DF8337E   OFTP TASK ABEND cde, SID=sid,DSN=dsname

This message is issued by the rvs TCP/IP task when an OFTP task has been terminated abnormally. Cde denotes the abend code (system or user completion code). Further the

related station-id (sid) and the dataset name (dsname) of the abended transmission are displayed.

DF8338E   JES ALLOCATION PROBLEM

A hang-up situation has been detected. The reason for this situation is an allocation request, which does not complete. If this situation does not change whithin some minutes, the rvs-monitor should be stopped and started again.

DF8339E   LOCAL IP-ADDRESS NOT RESOLVED

This message is issued by the rvs TCP/IP task during initialization of the task. Parameter TCPLOCAD has been specified with a DNS-Name. This name could not be resolved by the domain name service. The TCP/IP control task will terminate after this error.

DF8340E   TCP/IP INITIALIZATION FAILED

This message is issued by the rvs TCP/IP task during initialization of the task. An error occured during initialization, the tcp/ip control task will terminate after this error. This message is preceeded by one or more other messages indicating the kind of the error.

DF8342I   (XX) TCP/IP-SUBTASK COULD NOT BE STARTED. NOT ENOUGH MEMORY

This message is issued by the rvs TCP/IP task when activation of further subtask (OFTP – Task) is rejected because of storage shortage.

Messages of the TCP/IP line driver of rvsMVS for the TCP/IP stack of Interlink

DF8351I   TCP/IP INITIALIZATION COMPLETE, LV=??????????????

This message is issued by the rvs TCP/IP task when task initialization is complete. The level of the program is shown.

DF8352P   rvs TCP/IP TERMINATION ????????

This message is issued by the rvs TCP/IP control task when task termination has started or is complete.

DF8353I   TCP/IP SUBTASK ACTIVE, LV=??????????????

This message is issued by the rvs TCP/IP task in response to a display (DS) command. The message shows the level of the program.

DF8354I   ?????????? FAILED, S=#####, RC=^^^^^^^^, EC=^^^^^^^^

This message is issued by the rvs TCP/IP task when a TCP/IP request fails. The message shows the failing request, the socket number for which the request was issued, the return and the error code.

Remark: For more information about the return and error codes refer to manual 'CISCO IOS for OS/390, Unprefixed Messages and Codes'.

DF8355I   ???

This message is issued by the rvs TCP/IP task in order to display a longer message text describing an error code.

DF8357E   API MODULE COULD NOT BE LOADED

This message is issued by the rvs TCP/IP task when the TCP/IP interface is not available. The TCP/IP task will be terminated after this event.

DF8358P   *A-???* ??????? COMPLETE, S=#####,P=#####,IP-ADDR=###.###.###.###

This message is issued by the rvs TCP/IP task when an IP connection has been established (either after connect or accept). The message shows the socketnumber, remote portnumber and remote IP address. An OFTP task will be started after this event.

DF8359W   SESSION START REJECT, NO RESOURCE (TCB) AVAILABLE

This message is issued by the rvs TCP/IP task in response to an operator activate station command if no resources (tcb) are available to handle a call request.

DF8360I   *A-???* REMOTE STATION NOT READY

This message is issued by the rvs TCP/IP task when a connect request has not completed successfully. The remote partner addressed by IP address and TCP port did not respond.

DF8361P   *A-???* TCP/IP SESSION LOST, S=#####

This message is issued by the rvs TCP/IP task when loss of a session has been detected. All activities for this connection are terminated.

DF8362P   *A-???* READ COMPLETE, S=#####, L=#####, DATA=^^^^^^^^

This message is issued by the rvs TCP/IP task when a read macro has completed successfully. The message displays the remote station, socket number, datalength and the first 4 bytes of the received data.

DF8363E   *A-???* INCONSISTANT DATA RECEIVED, S=#####, EXPECTED LENGTH=#####, RECEIVED LENGTH=#####'

This message is issued by the rvs TCP/IP task when a received data buffer had a different length than indicated in its header. The connection will be terminated.

DF8364P   *A-???* TCLOSE COMPLETE, S=#####,EP=^^^^^^^^

This message is issued by the rvs TCP/IP task when a received data buffer had a different length from that indicated in its header. The connection will be terminated. The socket number and the entry point address are displayed.

DF8365I   *A-???* IP ADDRESS=###.###.###.###, PORT=#####

This message is issued by the rvs TCP/IP task when the open process has completed. This message displays the own IP address and the own port number.

DF8366E   READ ERROR DETECTED: LENGTH NOT POSITIVE

This message is issued by the rvs TCP/IP task when a read macro is to be issued. The specified length is not positive. the session will be terminated as a result of this error, which should not occur.

DF8367P   NO ACTIVE SCT ENTRY FOUND, TCB FOR SOCKET ##### CLEARED

This message is issued by the rvs TCP/IP task when an tcb has been found and no appropriate sct entry exists.

DF8368P   ACTIVE ODETTE TASK HAS BEEN DETACHED, S=#####, SID=???

This message is issued by the rvs TCP/IP task when an active OFTP task has been detached.

DF8369P   ODETTE TASK NOT RESPONDING, WILL BE CANCELLED, S=#####, SID=???

This message is issued by the rvs TCP/IP task when the ODETTE task is not responging any more. It will be detached.

DF8370E   MAX LENGTH FOR READ EXCEEDED (#######), REDUCED TO 32767

This message is issued by the rvs TCP/IP task when a read macro is to be issued. The length of the expected data (as indicated in the 4-byte header field) exceeds the maximum value of 32767. It will be reduced to this max value.

DF8371P   SEND ISSUED, S=#####, L=#####, DATA=^^^^^^^^

This message is issued by the rvs TCP/IP after a write macro has been issued. The message displays the remote station, socket number, datalength and the first 4 bytes of the sent data.

DF8372P   ODETTE TASK EOT ECB POSTED, SOCKET=#####, SID=???

This message is issued by the rvs TCP/IP task when the ODETTE task EOT ECB has been posted.

DF8373W   SEND DATA FLUSHED DUE TO LOCKED SERVER QUEUE, s=#####

This message is issued by the rvs TCP/IP task when data to be sent to the ODETTE file transfer protocol task was rejected due to a locked server queue, ie. The task was not ready to accept the request. The message displays the related socket number.

DF8374P   *A-???* ???????????? ###.###.###.###, P=#####

This message is issued by the rvs TCP/IP task when a connection is to be initiated. This message displays IP address and port number of the remote station and of the own station, as well.

DF8375W   OPTION ''ALL'' NOT SUPPORTED BY THIS COMMAND

This message is issued by the rvs TCP/IP task when the option ALL has been used for a command for which this option is not supported.

DF8376E   INVALID COMMAND PARAMETER '

This message is issued by the rvs TCP/IP task when an invalid parameter is used with an issued command.

DF8377P   ODETTE TASK HAS BEEN POSTED, S=#####, SID=???

This message is issued by the rvs TCP/IP task when the odette task is posted for termination. The socket number and station is shown.

DF8378I   SPECIFIED STATION ??? ??????????????????? '

This message is issued by the TCP/IP task when a command referring to a station is used. Either the station could not be found, the station was already active (for activate command) or the station is not active. This message is also used to indicate a pending trace for a station which is not active at this time or stopping of a trace.

DF8379I   COMMAND OK

This message is issued by the rvs tcp/ip task in response to a command that has been accepted and executed.

DF8380P   ODETTE TASK HAS BEEN DETACHED, S=#####, SID=???

This message is issued by the rvs TCP/IP task when the ODETTE task has been detached.

DF8381I   S=##### ???????? SID=???/?????????????????????????

This message is issued by the rvs TCP/IP task in response to a display (DS) command. The message displays the used socket number, the current tcb state, and the station identification (rvs station code and odette station code) if a station is connected.

DF8382E   *A-???* IP-ADDRESS MISSING OR INVALID, ACTIVATION REJECTED

This message is issued by the rvs TCP/IP task when an activation command is to be executed. The IP address of the remote station is not available (not defined within stations table or not available by a name server). The activation is rejected.

DF8383W   ACTIVATE REJECTED FOR STATION ??? - ISTATUS=INACTIVE

This message is issued by the rvs TCP/IP task when an activation command is rejected due to the initial status INACTIVE of the stations entry. Set the status to ACTIVE.

DF8384P   COMMAND REJECTED, TERMINATION OF rvs TCP/IP IN PROGRESS

This message is issued by the rvs TCP/IP task when an activate command has been entered but termination of the rvs TCP/IP task has already started.

DF8385I   UNSOLICITED EVENT OCCURRED, TCP/IP ADDRESS SPACE HAS TERMINATED

      This message is issued by the rvs TCP/IP task when the unsolicited event exit is driven by the TCP/IP address space. The TCP/IP address space has terminated.

DF8399P   xxxxxxxx

      The TCPIP Task issues this message. The name of TCPIP Task subroutine that gets control is shown.
For internal use only.

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Messages of the FTP Receive Control Task

```
                                    ⎡STARTED⎤
DF8500I    *D-sid,sesid* FTP SERVER TASK    {        } --- VERSION
                                    ⎣STOPPED⎦
                            *vvv*   *dd/mm/yy-tt.mm*   *aa/bb/cc*
```

Start or stop of FTP Server Task message.

"vvv" - specify version of FTP Server Task
"dd/mm/yy-tt.mm" - time of assembly
"aa/bb/cc" - time of last changes in the FTP Server Task.


```
DF8503E    *D-sid,sesid* FTP SERVER ABEND, CODE=        EP=            PSW=
```

The FTP Server Task issues this message when an abend occurs. The message shows the system abend code, the entry point of the program and the address where the abend occurred. When an abend occurs, task termination will be done after all subtasks have been terminated.


```
DF8504I    *D-sid,sesid* REGS 0-7  : xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
                                     xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
```

The FTP Server Task issues this message when an abend occurs. The message shows the content of the registers 0 to 7 at the time of the abend.


```
DF8505I    *D-sid,sesid* REGS 8-15 : xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
                                     xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
```

The FTP Server Task issues this message when an abend occurs. The message shows the content of the registers 8 to 15 at the time of the abend.


```
DF8540P    *D-sid,sesid* SERVER, event
```

The FTP Server Task issues this message when find appropriate FTP Server event.

The following list describes the different FTP Server events:

```
- STOP OR CANCEL EVENT
- OPERATOR COMMAND EVENT
- NR FILE EVENT
- EE FILE EVENT
- XX FILE EVENT
- HD FILE EVENT
```

For internal use only.


```
DF8543P    *D-sid,sesid* RC=nnnn HEX DF088V KD RECORD BUILD
```

The FTP Server Task issues this message when checking of HFID records ended with error (AR records build). See returncode values in message DF8583P.
 For internal use only.


```
DF8546P    *D-sid,sesid* NO AR KDRECORD BUILD, RC=nnnn
```

The FTP Server Task issues this message when checking of HFID records ended with error (no AR records build). See returncode values in message DF8583P.
For internal use only.

DF8550I   *D-sid,sesid* *END OF FTP TRAILER FILE TRANSFER*

The FTP Server Task issues this message when sending of FTP Trailer control file is closed.

DF8551P   *D-sid,sesid* END-TO-END RESPONSE RECEIVED, DSN=dsn

The FTP Server Task issues this message when an End-to-End-Response (EEID) protocol unit is received. In case of errors, additional messages DF8552W and DF8553Z will be given.

DF8552W   *D-sid,sesid* UNKNOWN EEID RECEIVED DSN=dsn

The FTP Server Task issues this message when an End-to-End-Response (EEID) protocol unit is received but the EEID can not be associated with a previous file transfer. In the message is shown the file name indicated in the EEID protocol unit.

DF8553Z   *D-sid,sesid* EEIDDATE -> ....

The FTP Server Task issues this message when an End-to-End-Response (EEID) protocol unit is received but the EEID can not be associated with a previous file transfer. The message shows the received data in the EEID protocol unit starting from the date information.

DF8561I   *D-sid,sesid* FTP-message
DF8562E   *D-sid,sesid* UNEXPECTED END OF FTP OUTPUT FILE
DF8563E   *D-sid,sesid*   FTP CONNECTION REJECTED ??????????
DF8564E   *D-sid,sesid*   FTP SESSION REJECTED ?????????????
DF8565E   *D-sid,sesid*   TRANSMISSION CANCELED ????????????
DF8566E   *D-sid,sesid* FTP FUNCTION ERROR
DF8568P   *D-sid,sesid* VERIFY FTP RETURNCODE: nnnn

The FTP Server Task issues these messages by checking FTP output file. Appropriate set of messages (DF8560E - DF8568E) show corrected or not corrected flow FTP connections during transfer of rvsMVS FTP file. If FTP returncode is equal 04 or 08 the FTP connection ended with error (see rvs log messages).

DF8570E   *D-sid,sesid* (UN)ALLOC FAILED (nnnn-mm) VOL=volume DSN=dsn

The FTP Server Task issues this message when an error occurs during allocation or unallocation of a dataset. In the message is shown the return code from the allocation request and the volume and dataset name of the file for which the error occurred.

DF8571E   *D-sid,sesid* OPEN FAILED FOR VOL=volume DSN=dsn

The FTP Server Task issues this message when a dataset to be send or received could not be opened. In the message is shown the volume and dataset name of the file for which OPEN error occurred.

DF8572I   *D-sid,sesid* SUCCESSFUL FILE TRANSFER (direction) FILE=dsn

The FTP Server Task issues this message when a file transfer has been successfully completed. In the message is indicated whether the dataset was send or received (direction) and the dataset name (dsn).

DF8573I   *D-sid,sesid* VOLUME volser IS NOT MOUNTED

The FTP Server Task issues this message if the volume containing the file is not mounted.

DF8574I   *D-sid,sesid* FILE filename NOT FOUND ON SPECIFIED VOLUME

The FTP Server Task issues this message if the file is not found on the volume specified in the KDRECORD. Shown is the virtual file name.

DF8575I   *D-sid,sesid* PHYSICAL DSN: filename , VOLUME: volser

The FTP Server Task issues this message if the file is not found on the volume specified in the KDRECORD. Additional this message shows the physical dataset name of the file.

DF8577I   *D-sid,sesid* dsn NOT CATALOGED

The FTP Server Task issues this message if the dataset to send is not found.

DF8581P   *D-sid,sesid* WORK FILE=name EXIST !!!!!!!

The FTP Server Task issues this message when the FTP control file is found.
For internal use only.

DF8583I   *D-sid,sesid* DECODE OF HD_FILE_ID FAILED, KDCOMLP=nnnnnnnn

The FTP Server Task issues this message when verification of HFID records ended with error. The following list describes the different reason codes:
0136(88) - Duplicate file.
0152(98) - Real work file not exist
0160(A0) - Invalid syntax
0164(A4) - Invalid origin.
0168(A8) - Invalid destination.
0172(AC) - Maximum record length not supported.
0176(B0) - File already catalogued
0180(B4) - Unspecified reason.

DF8584P   *D-sid,sesid* text (nnnn-cc) VOL=volser DSN=dsn

The FTP Server Task issues this message when, during DFSMS function for a data set (scratch, locate, catlg, uncatlg or rename), an error occurs. In the message is shown the return code from the request and the volume (not always) and dataset name of the file for which the error occurred.

DF8586P   *D-sid,sesid* VERIFY HD FILE RC=nn FILE=dsn

The FTP Server Task issues this message when verification HFID record failed. Shown is the HFID file name.

DF8598P   *D-sid,sesid* KDUPDAT 88F xxxxxxxx TYP=xx

The FTP Server Task issues this message when verification HFID record failed. Shown is the HFID file name. The FTP Server Task issues this message. List internal action of FTP Server task with KD control file.
For internal use only.

DF8599P   *D-sid,sesid* xxxxxxxx nnnnnn nnnnnn

The FTP Server Task issues this message. Show is the name of FTP Server Task subroutine that gets control.
For internal use only.


```
DF85A0P    *D-sid,sesid* *** CS RECORD FOUND¦ *** DSN=dsname
DF85A1P    *D-sid,sesid* *** NO CS RECORD FOUND¦ *** DSN=dsname
DF85A2P    *D-sid,sesid* *** ORIGIN STATION KNOWN ¦ ***
DF85A3P    *D-sid,sesid* ???? SENT, DSN=dsname
DF85A4P    *D-sid,sesid* * MESSAGE REQUESTED ¦ ***
DF85A5P    *D-sid,sesid* * EEIDDSN= dsname
DF85A6P    *D-sid,sesid* * EEIDORIG=odette-id of sender of EEID
DF85A7P    *D-sid,sesid* * EEIDDEST=odette-id of recipient of EEID
DF85A8P    *D-sid,sesid* * EEIDDATE=date EEIDTIME=time
```

These messages are issued by the FTP Server task when an error concerning a received end-to-end-response has occurred. They are intentionally issued for error detection.
For internal use only.


```
DF85A9P    *D-sid,sesid* * KDRECTYP=?? KDREMOTE=??? KDNEXT=??? KDSTATUS=nn
DF85B0P    *D-sid,sesid* * KDDSN=dsn-name
DF85B1P    *D-sid,sesid* * KDREADYD=nnnnnnn KDREADYT=nnnnnnn
DF85B2P    *D-sid,sesid* * KDSTARTD=nnnnnnn KDSTARTT=nnnnnnn
DF85B8P    *D-sid,sesid* * KDREC=kdrecord

DF85B3P    *D-sid,sesid* * KEY KDRECTYP=?? KDREMOTE=??? KDNEXT=??? KDSTATUS=nn
DF85B4P    *D-sid,sesid* * KEY KDDSN=dsn-name
DF85B5P    *D-sid,sesid* * KEY KDREADYD=nnnnnnn KDREADYT=nnnnnnn
DF85B6P    *D-sid,sesid* * KEY KDSTARTD=nnnnnnn KDSTARTT=nnnnnnn
DF85B7P    *D-sid,sesid* * KEY KDREC=kdrecord
```

The FTP Server task issues these messages. Show contents of KD file Record.
For internal use only.

DF85BAP   *D-sid,sesid* * DSN=dsn

The FTP Server Task during verification MVS SMS parameters issues this message. Shown is the real FTP file name.

DF85BBP   *D-sid,sesid* * DSORG=dsorg STCL=stcl MGCL=mgcl DACL=dacl

The FTP Server Task during verification MVS SMS parameters issues this message. Show the SMS parameters of real FTP file name.

DF85BCP   *D-sid,sesid* * NON SMS-MANAGED DATAFILE

The FTP Server Task during verification MVS SMS parameters issues this message. Real FTP file is not SMS-managed.

DF85BDP   *D-sid,sesid* * SMS DYNALLOC ERROR, RC=nnnnnnn, ERRCD=nnnnnnnn

The FTP Server Task during verification MVS SMS parameters issues this message. Dynamic allocation during checking SMS parameters real FTP file ended with error.

DF85BEP   *D-sid,sesid* * MOVE FILE - sms-parm ALLOCOLD=old KDRECNEW=new

The FTP Server Task issues this message during verification rvsMVS SMS parameters. SMS parameter of real FTP file and rvsMVS SMS parameters are different. The content of real FTP file is moved to new file with rvsMVS SMS parameters.

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Messages of the FTP Polling Task

```
                                   ⎡STARTED⎤
DF8600I    FTP POLLING TASK      {         } --- VERSION *vvv*
                                   ⎣STOPPED⎦
                                   *dd/mm/yy-tt.mm*  *aa/bb/cc*
```

Start or stop message of FTP Polling Task. This program is started direct after start of the FTP Main Task.

"vvv" specify version of FTP Polling Task
"dd/mm/yy-tt.mm" - time of assembly
"aa/bb/cc" time of last changes in the FTP Polling Task.

DF8607P   RVSMVS FTP - FILES FOUND

The FTP Polling Task issues this message when FTP control file(s) is (are) found. List of FTP control file(s) following in the message(s) DF8613P.

DF8613P   A file-name volser

The FTP Polling Task issues this message when FTP control file(s) is (are) found. The message contains dsn of FTP control file and volser.

DF8617P   RVSMVS FTP - NO SEARCH -- FLAG FTPFLGHD ON

The FTP Polling Task issues this message when FTPPOLTI time interval is elapsed, but not all files from last polling search are serviced.

DF8701I   *F-sid* APPC DRIVER INITIALIZATION COMPLETE LU=???????? MODE=????????

This message is issued by the rvs/APPC driver task when task initialization is complete for the partner station 'sid'.

DF8702I   *F-sid* APPC DRIVER TERMINATION COMPLETE LU=???????? MODE=????????

This message is issued by the rvs/APPC driver task when task termination is complete for the partner station 'sid'.

DF8703E   APPC DRIVER ABEND, CODE=   EP=   PSW=

This message is issued by the rvs/APPC driver task when an abend occurs. The message shows the system abend code, the entry point of the program and the address where the abend occurred. When an abend occurs, task termination will be done after all subtasks has been terminated.

DF8704I   REGS 0-7 : xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
**   xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx**

This message is issued by the rvs/APPC driver task when an abend occurs. The message shows the content of the registers 0 to 7 at the time of abend.

DF8705I   REGS 8-15 : xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx

<pre>
                    xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
</pre>

This message is issued by the rvs/APPC driver task when an abend occurs. The message shows the content of the registers 8 to 15 at the time of abend.

DF8706I   INFO FOR APPC CONTROL=???????? QUALIFY=????????

This message is issued by the rvs/APPC driver task routine when a VTAM request for APPC/LU 6.2 is done. The message shows the APPC command and qualifier.

DF8707I   (CONT) RCPRI/SEC=xxxx/xxxx ?????????????????????????????????

This message is issued by the rvs/APPC driver task routine. The message is issued as a continuation to a VTAM request info message for APPC/LU 6.2 support. The message shows the primary and secondary return codes and an associated text explanation.

DF8708E   APPCCMD ALLOC FAILED FOR ???????? ????????, RC(xxxx) SENSE(xxxx)

This message is issued by the rvs/APPC driver task routine. The APPCCMD ALLOC was issued to start a conversation with a partner node but the request failed. In the message is shown the VTAM return and sense codes for the failing request. Refer to VTAM programming manual for further information.

**DF8709E   APPCCMD SEND/CONF/FLUSH FAILED FOR ???????? ???????? RC(xxxx)
            SENSE(xxxx)**

This message is issued by the rvs/APPC driver task routine. An APPCCMD SEND with CONFIRM or FLUSH option was issued in order to flush the send buffer and get an acknowledgement from the partner but the request failed. In the message is shown the VTAM return and sense codes for the failing request. Refer to VTAM programming manual for further information.

DF8710E   APPCCMD DEALLOC FAILED FOR ???????? ????????, RC(xxxx) SENSE(xxxx)

This message is issued by the rvs/APPC driver task routine. The APPCCMD DEALLOC was issued to stop a conversation with a partner node but the request failed. In the message is shown the VTAM return and sense codes for the failing request. Refer to VTAM programming manual for further information.

DF8711E   APPCCMD REJECT FAILED FOR ???????? ????????, RC(xxxx) SENSE(xxxx)

This message is issued by the rvs/APPC driver task routine. The APPCCMD REJECT was issued to stop a conversation with a partner node but the request failed. In the message is shown the VTAM return and sense codes for the failing request. Refer to VTAM programming manual for further information.

DF8712E   APPCCMD RECEIVE FAILED FOR ???????? ????????, RC(xxxx) SENSE(xxxx)

This message is issued by the rvs/APPC driver task routine. The APPCCMD RECEIVE was issued to read data on a conversation but the request failed. In the message is shown the VTAM return and sense codes for the failing request. Refer to VTAM programming manual for further information.

DF8713E   APPCCMD SEND FAILED FOR ???????? ????????, RC(xxxx) SENSE(xxxx)

This message is issued by the rvs/APPC driver task routine. The APPCCMD SEND was issued to send data on a conversation but the request failed. In the message is shown the VTAM return and sense codes for the failing request. Refer to VTAM programming manual for further information.

DF8714W   rvs/APPC DRIVER, SEND DATA FLUSHED DUE TO LOCKED SERVER QUEUE

This message is issued by the rvs/APPC driver task routine when data to be sent to the file protocol server was rejected due to a locked server queue, ie. the file server was not ready to accept the request.

DF8715W   *F-sid* APPC DRIVER SHUTDOWN because of secondary CANCEL starting

This message is issued by the rvs/APPC driver task routine when a shutdown request (second CANCEL command) reached. NOTE: All activ sessions will be enforced terminated independent of the state of remote station.

DF8799P   ????????

This message is issued by the rvs/APPC driver task trace routine. Shown is the name of driver task subroutine which gets control.
For internal use only.

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Messages of the FTP Driver Task

```
                                              ⌈STARTED⌉
DF8800I   *D-sid,sesid* FTP DRIVER TASK      {        } --- VERSION
                                              ⌊STOPPED⌋
                            *vvv*  *dd/mm/yy-tt.mm*  *aa/bb/cc*
```

Start or stop of FTP Client Task message.

"vvv" specify version of FTP Client Task.
"dd/mm/yy-tt.mm" - time of assembly
"aa/bb/cc" time of last changes in the FTP Client Task.

DF8803E   ***D-sid,sesid* FTP DRIVER ABEND, CODE=   EP=   PSW=**

The FTP Client Task issues this message when an abend occurs. The message shows the system abend code, the entry point of the program and the address where the abend occurred. When an abend occurs, task termination will be done after all subtasks have been terminated.

DF8804I   ***D-sid,sesid* REGS 0-7 : xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx**
                                xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx

The FTP Client Task issues this message when an abend occurs. The message shows the content of the registers 0 to 7 at the time of the abend.

DF8805I   ***D-sid,sesid* REGS 8-15 : xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx**
                                xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx

The FTP Client Task issues this message when an abend occurs. The message shows the content of the registers 8 to 15 at the time of the abend.

DF8840P   ***D-sid,sesid* Driver, event**

The FTP Client Task issues this message when find appropriate FTP Driver event.

The following list describes the different FTP Driver events:

```
    - POST DISPATCHER
    - DISPATCHER EVENT
    - STOP OR CANCEL EVENT
    - OPERATOR COMMAND EVENT
    - ND FILE EVENT
    - NE FILE EVENT
    - NX FILE EVENT
    - TD FILE EVENT
    - AN FILE EVENT
```

For internal use only.

DF8850I   ***D-sid,sesid* *END OF FTP file-type FILE TRANSFER***

The FTP Client Task issues this message routine when sending of FTP control file is ended.

The following list describes the different FTP Driver control files:

```
            - HEADER
            - DELFILE
            - E-E RESP
```

DF8851P   *D-sid,sesid* END-TO-END RESPONSE RECEIVED, DSN=dsn

> The FTP Server Task issues this message when an End-to-End-Response (EEID) protocol unit is received. In case of errors additional messages DF8852W and DF8853Z will be given.

DF8852W   *D-sid,sesid* UNKNOWN EEID RECEIVED DSN=dsn

> The FTP Client Task issues this message when an End-to-End-Response (EEID) protocol unit is received but the EEID can not be associated with a previous file transfer. In the message is shown the file name indicated in the EEID protocol unit.

DF8853Z   *D-sid,sesid* EEIDDATE -> ....

> The FTP Client Task issues this message when an End-to-End-Response (EEID) protocol unit is received but the EEID can not be associated with a previous file transfer. The message shows the received data in the EEID protocol unit starting from the date information.

DF8861I   *D-sid,sesid* FTP-message
DF8862E   *D-sid,sesid* UNEXPECTED END OF FTP OUTPUT FILE
DF8863E   *D-sid,sesid*   FTP CONNECTION REJECTED ??????????
DF8864E   *D-sid,sesid*   FTP SESSION REJECTED ?????????????
DF8865E   *D-sid,sesid*   TRANSMISSION CANCELED ????????????
DF8866E   *D-sid,sesid* FTP FUNCTION ERROR
DF8868P   *D-sid,sesid* VERIFY FTP RETURNCODE: nnnn

> The FTP Client Task issues these messages by checking FTP output file. Appropriate set of messages (DF8860E - DF8868E) show corrected or not corrected flow FTP connection during transfer of rvsMVS FTP file. If FTP returncode is equal 04 or 08 the FTP connection ended with error (see rvs log messages).

DF8870E   *D-sid,sesid* (UN)ALLOC FAILED (nnnn-mm) VOL=volume DSN=dsn

> The FTP Client Task issues this message when an error occurs during allocation or unallocation of a dataset. In the message is shown the return code from the allocation request and the volume and dataset name of the file for which the error occurred.

DF8871E   *D-sid,sesid* OPEN FAILED FOR VOL=volume DSN=dsn

> The FTP Client Task issues this message when a dataset to be send or received could not be opened. In the message is shown the volume and dataset name of the file for which OPEN error occurred.

DF8872I   *D-sid,sesid* SUCCESSFUL FILE TRANSFER (direction) FILE=dsn

> The FTP Client Task issues this message when a file transfer has been successfully completed. In the message is indicated whether the dataset was sent or received (direction) and the dataset name (dsn).

DF8873I   *D-sid,sesid* VOLUME volser IS NOT MOUNTED

> The FTP Client Task issues this message if the volume containing the file is not mounted.

DF8874I   *D-sid,sesid* FILE filename NOT FOUND ON SPECIFIED VOLUME

The FTP Client Task issues this message if the file is not found on the volume specified in the KDRECORD. Shown is the virtual file name.

DF8875I   *D-sid,sesid* PHYSICAL DSN: filename ,VOLUME: volser

The FTP Client Task issues this message if the file is not found on the volume specified in the KDRECORD. Additional this message shows the physical dataset name of the file.

DF8877I   *D-sid,sesid* dsn NOT CATALOGED

The FTP Client Task issues this message if the dataset to send is not found.

DF8881P   *D-sid,sesid* WORK FILE=name EXIST !!!!!!!

The FTP Client Task issues this message when the FTP control file is found.
For internal use only.

DF8884I   *D-sid,sesid* FILE=name WORK FILE ALLOCATIONS ERROR

The FTP Client Task issues this message when allocation for FTP control file ended with error.
For internal use only.

DF8887P   *D-sid,sesid* FILE=name SEND ERROR=reason-cod !!!!!!!!

The FTP Client Task issues this message when an error occurs during decode of a received Trailer-File-Id (TFID) protocol unit.

The following list describes the different reason codes:

> 01 - Invalid filename.
> 02 - Invalid destination.
> 03 - Invalid origin.
> 04 - Storage record format not supported.
> 05 - Maximum record length not supported.
> 06 - File size is too big.
> 10 - Invalid record count.
> 11 - Invalid byte count.
> 12 - Access method failure.
> 13 - Duplicate file.
> 99 - Unspecified reason.

DF8890I   *D-sid,sesid* FILE DSORG NOT PS ===> SEND REQUEST NOT ACCEPTED

The FTP Client Task issues this message when send file has PDS organisation. RVS MVS FTP not support PDS files.

DF8898P   *D-sid,sesid* KDUPDAT 88F xxxxxxxx TYP=xx

The FTP Client Task issues this message. List internal action of FTP Driver task with KD control file.
For internal use only.

```
DF8899P    *D-sid,sesid* xxxxxxxx nnnnnn nnnnnn
```

The FTP Client Task issues this message routine. Shows is the name of FTP Client Task
subroutine that gets control.
For internal use only.

```
DF88A0P    *D-sid,sesid* *** CS RECORD FOUND¦ *** DSN=dsname
DF88A1P    *D-sid,sesid* *** NO CS RECORD FOUND¦ *** DSN=dsname
DF88A2P    *D-sid,sesid* *** ORIGIN STATION KNOWN ¦ ***
DF88A3P    *D-sid,sesid* ???? SENT, DSN=dsname
DF88A4P    *D-sid,sesid* * MESSAGE REQUESTED ¦ ***
DF88A5P    *D-sid,sesid* * EEIDDSN= dsname
DF88A6P    *D-sid,sesid* * EEIDORIG=odette-id of sender of EEID
DF88A7P    *D-sid,sesid* * EEIDDEST=odette-id of recipient of EEID
DF88A8P    *D-sid,sesid* * EEIDDATE=date EEIDTIME=time
```

The FTP Client Task issues these messages when an error concerning a received end-to-
end-response has occurred. They are intentionally issued for error detection.
For internal use only.

```
DF88A9P    *D-sid,sesid* * KDRECTYP=?? KDREMOTE=??? KDNEXT=??? KDSTATUS=nn
DF88B0P    *D-sid,sesid* * KDDSN=dsn-name
DF88B1P    *D-sid,sesid* * KDREADYD=nnnnnnn KDREADYT=nnnnnnn
DF88B2P    *D-sid,sesid* * KDSTARTD=nnnnnnn KDSTARTT=nnnnnnn'
DF88B8P    *D-sid,sesid* * KDREC=kdrecord

DF88B3P    *D-sid,sesid* * KEY KDRECTYP=?? KDREMOTE=??? KDNEXT=??? KDSTATUS=nn
DF88B4P    *D-sid,sesid* * KEY KDDSN=dsn-name
DF88B5P    *D-sid,sesid* * KEY KDREADYD=nnnnnnn KDREADYT=nnnnnnn
DF88B6P    *D-sid,sesid* * KEY KDSTARTD=nnnnnnn KDSTARTT=nnnnnnn
DF88B7P    *D-sid,sesid* * KEY KDREC=kdrecord
```

The FTP Client Task issues these messages. Show contents of KD file record.
For internal use only.

```
DF88BAP    *D-sid,sesid* * (RE)SET  STLASTOK FLAG SID=sid
```

The FTP Client Task issues this message.
For internal use only.

```
DF88V1W    *R-sid* NONZERO RETURNCODE OF INSTALLATION EXIT DFUX001
DF88V1W    *R-sid* ONLY INSTALLATION STANDARDS WILL BE USED TO RECEIVE dsname
DF88V1E    *R-sid* RECEIVING OF dsname REJECTED BY DFUX001
```

See DF3735W (DF3735E).

```
DF88V2W    *R-sid* text
```

This message precedes message DF88V1W. 'text' is a message that is passed to RVS by the
user exit.

```
DF88V3W    *R-sid* RECEIVING OF dsname REJECTED, DUPLICATE FILE
```

See DF3738E.

```
DF88V4E    *R-sid* RECEIVING OF dsname REJECTED, ODETTE-ID MISSING
```

The sender has not specified the ODETTE-ID. The transmission is cancelled. Make sure that the sender provides for an ODETTE-ID that is not blank (especially when using a relais station).

DF88V5P   ???   KDUPDAT   88V   ????????   TYP=??

This message is issued by the FTP task. List internal action of FTP task with KD control file. For internal use only.

DF88W0I   JOB jobname(jobnumber) STARTED TO PROCESS filetyp FILE FOR dsname

The data set 'dsname' is processed for 'filetyp' from the job 'jobname(jobnumber)':

- FTP job is started for processing of 'filetyp' the data set 'dsname'.

  The 'filetyp' are:
    - Header File
    - Trailer file
    - End-to-End File
    - Delete File

DF88W1P   ???   KDUPDAT   88W   ????????   TYP=??

This message is issued by the FTP task. List internal action of FTP task with KD control file. For internal use only.

DF88X1E   *F-sid* UN/ALLOCATION ERROR xxxx-yyyy FOR dsn

An error occurred during allocation or unallocation of a data set. DYNALLOC macro returned with errorcode 'xxxx' and infocode 'yyyy'. The codes are described in (OS/VS2 MVS SPL: Job Management).

```
                    ⎰ DATASET ALLOCATED TO ANOTHER JOB        ⎱
                    │ REQUESTED UNIT NOT AVAILABLE             │
                    │ VOLUME xxxxxx NOT MOUNTED                │
DF88X2E   *F-sid*   ⎰ REQUESTED UNIT yyyyyyyy UNDEFINED        ⎱
                    │ VOLUME xxxxxx NOT AVAILABLE              │
                    │ DS ALREADY EXISTING ON VOLUME xxxxxx     │
                    ⎰ ALL VOLUMES OF UNIT yyyyyyyy OCCUPIED    ⎱
```

This message is always issued in relation with msg DF88X1E and shows a short explanation of the DYNALLOC macro return code.

      xxxxxx   = volume number
      yyyyyyyy = unit number

DF88X3P *F-sid/acme/sessid * TEXT POINTERS ADDR=xxxxxxxx TEXT UNIT (unitname)

This message is issued in case of a dynamic allocation error. It will display the contents of the used SVC 99 parameter list (allocation request block, text pointer list and text units).

DF88X5P   ???   KDUPDAT   88X   ????????   TYP=??

This message is issued by the FTP task. List internal action of FTP task with KD control file. For internal use only.

```
                              ⎡ NOT CATALOGED,    ⎤
DF88Y1W   *F-sid*  dsn       ⎨ NOT UNCATALOGED,  ⎬ RC=xx-yy
                              ⎣ NOT DELETED,      ⎦
```

A successful sent dataset should be deleted/uncataloged resp. a successful received dataset should be catalogued. The action failed.

'xx' denotes the return code (hex) of the SCRATCH/CATALOG macro.
The status-code 'yy' (hex) is only issued by the SCRATCH macro.
For a further description of the codes see IBM manual "OS/VS2 SPL Data Management".

DF88Y2E   *F-sid* CREATION OF SEND REQUEST FAILED
DF88Y2W   *F-sid* dsn NOT QUEUED TO STATION xxx

A received dataset 'dsn' should be automatically passed by to a final station 'xxx', but could not be queued for sending.

DF88Y3P   *R-sid mn* ???????????????????????????????

This message is issued by the Odette File Transfer Protocol task when a dataset has been received. One of the following actions and/or errors have occurred after receiving:

DATASET RENAMED: dsname

With DFSMS the dataset is received under a temporary dataset name with timestamp. After complete reception the dataset has been renamed to its final name 'dsname'.

DATASET NOT CATALOGED xx

The dataset could not be catalogued after receiving. For the information reason code 'xx' see MVS/ESA Authorised Assembler Programming Guide.

DATASET NOT SCRATCHED (RC=xxxx/xxxxxxxx): dsname

The temporary dataset could not be catalogued after start of reception. For this reason the already allocated dataset is to be scratched which did not end successfully. For return and diagnosis codes 'xxxx/xxxxxxxx' see DFSMS/MVS Diagnosis Reference.

DATASET NOT RENAMED (RC=xxxx/xxxxxxxx): dsname

The temporary dataset could not be renamed after reception. For return and diagnosis codes 'xxxx/xxxxxxxx' see DFSMS/MVS Diagnosis Reference.

DATASET ALREADY CATALOGED: dsname

The received dataset could not be catalogued after reception because a dataset with identical name 'dsname' already exists. The dataset will reside on disk under a temporary name with timestamp.

DATASET ALREADY CATALOGED AND NOT RE-RENAMED (RC=..../........)
DATASET NOT CATALOGED AND NOT RE-RENAMED (RC=..../........)

The received dataset could not be catalogued after reception but has already been renamed to its final name. While renaming it back to its temporary name an error occurred. For return and diagnosis codes 'xxxx/xxxxxxxx' see DFSMS/MVS Diagnosis Reference. The dataset will reside uncataloged under its final name on disk.

DATASET NOT UNCATALOGED: dsname

The temporary dataset with timestamp 'dsname' has been renamed to its final name but could not be uncataloged.

DF88Y4P   ???   KDUPDAT   88Y   ????????   TYP=??

This message is issued by the FTP task. List internal action of FTP task with KD control file. For internal use only.

DF8900I   FTP MAIN TASK   {STARTED / STOPPED} --- VERSION *vvv*
dd/mm/yy-tt.mm   *aa/bb/cc*

Start or stop of FTP Main Task message.

"vvv" specify version of FTP Main Task.
"dd/mm/yy-tt.mm" - time of assembly.
"aa/bb/cc" time of last changes in the FTP Main Task.

DF8903E   FTP   ABEND, CODE=   EP=   PSW=

This message is issued by the FTP Main task when an abend occurs. The message shows the system abend code, the entry point of the program and the address where the abend occurred. When an abend occurs, task termination will be done after all subtasks have been terminated.

DF8904I   REGS 0-7 : xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
**   xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx**

This message is issued by the FTP Main task when an abend occurs. The message shows the content of the registers 0 to 7 at the time of abend.

DF8905I   REGS 8-15 : xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
**   xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx**

This message is issued by the FTP Main task when an abend occurs. The message shows the content of the registers 8 to 15 at the time of abend.

DF8906I   sid MAIN TASK ACTIVE --- nn DRIVER OR SERVER TASK(S)

This message is issued by the FTP Main task in response to an DS command.

DF8907P   sid --- TRACE FLAG IS (ON/OFF)

This message is issued by the FTP Main task in response to a T sid or O sid command.

DF8928P   SPECIFIED STATION sid BUSY

This message is issued by the FTP Main task when a command refering to a station is used. The command cannot be honoured as all sessions for this station are active. If this message often occurs, increase the number of session value (FTPSESS parameter).

DF8931P   sid NOT USED COMMANDS WITH ALL PARAMETER

This message is issued by the FTP Main task in response to an activate station command.

DF8932I   ACTIVATION REJECTED --- FTPMAX EXCEEDED

This message is issued by the FTP Main task in response to an activate station command.

DF8939I   FTP ACTIVE, NO ACTIVE SESSION FOR STATION FOUND

This message is issued by the FTP Main task in response to a CANCEL (C) or STOP (P) FTP command.

DF8940I   FTP ACTIVE, ACTIVE SESSION FOUND

This message is issued by the FTP Main task in response to a CANCEL (C) or STOP (P) FTP command.

DF8942E   INVALID COMMAND PARAMETER

This message is issued by the FTP Main task when an invalid parameter to a used command is detected.

DF8970P   command

This message is issued by the FTP Main task when decode of command parameter(s) fails.

DF8974P   ******* UNEXPECTED END OF TASK **********

This message is issued by the FTP Main task when Client or Server task ended with error (abended).
For internal use only.

DF8977P   ??? KDUPDAT 89F ???????? TYP=??

This message is issued by the FTP Main task. List internal action of FTP Main task with KD control file.
For internal use only.

DF8994P   ?????????????????????????????

See DF88Y3P.

DF8995P   * FTP control file name *****

This message is issued by the FTP Main task if FTP control file(s) is(are) found.

DF8996P   DATASET NOT RENAMED - ENQUEUE ON SYSDSN FAILED

This message is issued by the FTP Main task when enqueue on sysdsn failed (rename error - internal cod - X'040B0426').

DF8999P   ????????

This message is issued by the FTP Main task trace routine. Shown is the name of FTP Main task subroutine that gets control.

For internal use only.

This page will be intentionally empty.

Messages of the SNA LU6.0 Control Task

DF9000I   * VTAM-SUBTASK STARTED

This message is a response to the command 'A rvsV'. It indicates that the rvs VTAM control task is successfully activated.

DF9001E   * command   INVALID COMMAND

This message is a response to an invalid command. The command 'command' has an invalid syntax.

DF9003I   * ACB OPENED   APPLID=applid

After starting the rvs VTAM control task the ACB with the application identifier 'applid' has been sucessfully opened.

DF9004I   * SETLOGON ISSUED

After starting the rvs VTAM control task the SETLOGON macro has been successfully completed.

DF9005I   * rvs VTAM CONTROL TASK READY ****

The rvs control task has been started successfully. Now it is possible to enter VTAM-specific rvs commands in order to activate or to deactivate sessions with other stations or to get status information about existing sessions.

```
            ⌠SCIP     ⌡
DF9006P   * ⎨LOGON    ⎬ EXIT ENTERED*
            │NSEXIT   │
            ⌡LOSTTERM ⌡
```

The Activation of a VTAM-exit is indicated.

DF9007E   * OPEN ACB FAILED   APPLID=applid   RC=xx   ERROR=x'yy'**

After starting the VTAM control task the ACB with the application name 'applid' could not be opened. To analyse the return code 'xx' and the error code 'yy' see (Advanced Communications Function for VTAM Programming).

DF9008E   APPLID NOT STARTED

The ACB could not be opened because the SYS1.VTAMLST data set contains no APPL statement for this application, or this statement has not been activated.

DF9009E   SETLOGON FAILED RC=xx-yy FDBK=zz

After starting the VTAM control task the execution of the SETLOGON macro failed. For a description of return code xx (register 15), yy (register 0) and feedback code zz, see Advanced Communications Function for VTAM Programming.

DF9010I   ***f-sid mn* SESSION CONTROL TERMINATED - SYSTEM sss, USER uuu**

    The task started for station 'sid' initiating session 'mn' terminated with system completion code 'sss' and user code 'uuu'.

DF9011E   ***A-sid* NO SESSION DEFINED FOR THIS STATION**

    No entry is defined in the rvs sessions table for station 'sid'.

DF9012E   ***A-sid mn* INVALID MODE**

    The session identifier 'mn' for the station 'sid' is not defined in the rvs sessions table.

DF9013E   ***A-sid mn* SUBTASK ALREADY ACTIVE - SESSION REJECTED**

    The session 'mn' to station 'sid' is already active. A new session 'mn' to station 'sid' will not be established.

DF9013E   ***A-sid mn* SUBTASK ALREADY ACTIVE – CONTENTION {(PRIM)|(SEC)}**

    The session 'mn' to station 'sid' is in OPENDEST status for { primary | secundary } LU. A new session 'mn' to station 'sid' will not be established.

DF9014E   ***F-sid mn* SUBTASK NOT ACTIVE**

    There is no active subtask which supports session 'mn' to station 'sid'.

DF9015E   ***LU=luname UNKNOWN - SESSION REJECTED'**

    The station 'sid' assigned to the VTAM 'luname' tries to establish a session to rvs. This request is rejected because no 'luname' is specified in the rvs stations table.

DF9016P   ***A-sid mn* RPL CONTROL FIELDS = xxxxxx (request)**

    This message is generated after the SCIP-exit of the VTAM control task has been activated. The reason for acitvating the SCIP-exit may be obtained from the RPL control fields 'xxxxxx'. Expected are the following requests: BIND, UNBIND, SDT (start data traffic), CLEAR, and RQR (request recoverey request). All other requests are denoted by 'UNKNOWN' and will be ignored.

DF9017E   ***A-sid* INVALID SESSION TYPE mn (X'xxxx') REQUESTED - SESSION REJECTED**

    Via BIND request station 'sid' tried to establish a session of type 'mn' to rvs. The session type 'mn' is not defined in the sessions table entry for station 'sid'.

DF9018E   ***CID=cid UNKNOWN, NO SESSION ENTRY ADDRESS**

    During rvs initialization, the rvs sessions tabele is dynamically updated with the 'cid'. The reason for this message is a rvs internal error.

DF9019E   ***A-sid mn* ATTACH FAILED RC=xxxx**

The subtask which activates session 'mn' could not be started. The station 'sid' could not be connected to rvs. The ATTACH macro terminated with return code 'xxxx'.

DF9020I   **f-sid mn* TRACE** $\left\{ \begin{matrix} \text{STARTED} \\ \text{STOPPED} \end{matrix} \right\}$

The rvs trace of session 'mn' to station 'sid' has been started (stopped).

DF9021E   **f-sid mn* TRACE** $\left\{ \begin{matrix} \text{NOT ACTIVE} \\ \text{ALREADY ACTIVATED} \end{matrix} \right\}$

The rvs trace for session 'mn' to station 'sid' should be activated but was already active or the trace should be stopped but was not active.

DF9022I   **A-sid mn* REJECTED - TRY LATER**

The activation of the session 'mn' to station 'sid' has been rejected, because there is already an active session 'mn' to station 'sid'. Before starting a new session the old one must be terminated. Message DF9023 indicates the previous activated session.

DF9023E   **A-sid mn* IS PENDING**

A command 'A-sid' has been entered, but starting of the subtask - which activates session 'mn' to station 'sid' - is not yet complete (a module could not be loaded from disk).

Reason: The requested module (*) cannot be loaded from the rvs load library (reserved by another job) or the requested module is not in the rvs load library.

Action: Stop the request by entering 'P-sid,mn'.

(*)   The name of the requested module may be listed by entering the command 'X-sid,S'.

DF9024I   *** A-ALL VTAM TERMINATED (WITH ERROR)**

Activating of all sessions (which are marked to be activated – see stations table - if command 'A ALL' is entered) terminated with or without errors.

DF9025P   **A-sid mn* NSHEADER=hhhhhh (request) CV=xxxx REASON=rr SENSE=ssssssss**

This message indicates that the NSEXIT of the rvs VTAM control task has been activated. The contents of the VTAM request unit will be analyzed and listed:

    hhhhhh the request header
    request the type of request (CLEANUP, NOTIFY or NSPE)
    xxxx   the control vector key
    rr   the reason code and sense information.

For a description of these fields see (Advanced Communications Function for VTAM Programming).

DF9026P   **SESSION NOT IDENTIFIED CID=cid NETWNAMES=lunames**

The session identified by 'cid' has not been found. 'lunames' identifies the logical units of the VTAM network. The reason for this message is a rvs internal error.

DF9027E   SESSION TABLE MISSING

The command "A rvsVTAM" has been entered. But the rvs VTAM subtask cannot be started without session table. Either member SESSIONS of the rvs Tables Dataset (see Installations Manual) is empty or does not exist or the DD name "SESSIONS" within the rvs start procedure is assigned to another empty (dummy) file. As a result of this, the rvs VTAM subtask cannot be started, support of SNA sessions by rvs is impossible unless the rvs Sessions Table is correctly created and assigned to the rvs start procedure.

DF9028I   VTAM SUBTASK OF rvs WILL CLOSE BECAUSE OF VTAM $\begin{bmatrix} \text{STOP} \\ \text{QUICK STOP} \\ \text{CANCEL} \end{bmatrix}$

CURRENT TRANSMISSION WILL $\begin{bmatrix} \text{CONTINUE} \\ \text{BE CANCELLED} \\ \text{BE BROKEN} \end{bmatrix}$

The operator stopped VTAM by entering a 'HALT NET' command or VTAM stopps because of an error or the operator has entered a 'VARY NET,INACT' command for the VTAM application rvs. In case of a normal stop all transmissions will be completed, in case of a quick stop the transmissions will be terminated. If the command 'HALT NET,CANCEL' has been entered, the rvs VTAM control task will be stopped at once   (action like the rvs command 'B rvsVTAM').

DF9028A   ENTER 'A rvsV' AFTER RESTART OF VTAM

After VTAM has been started again (or after entering 'VARY NET,ACT' for application rvs) the connection to VTAM can be reestablished by entering 'A rvsVTAM'.

DF9029E   *A-sid,mn* SUBTASK DID NOT START - WILL BE DETACHED

For explanation see message DF9023E. The only diffrerence is that the remote station tried to establish a session.

DF9030I   *F-sid,mn* TIME: hhmmssth event

Display of internal trace data for session mn to station "sid". This message is displayed if the command "U sid" has been entered or if the session has terminated abnormally. "event" denotes the type of event which has occurred, "hhmmssth" is the timestamp of the time when the event has occurred. The following events are recorded in the internal trace:

VTAM REQUEST	rpl-based VTAM request. Additional information:
	- type of request (VTAM-Macro)
	- returncode and feedback code of the request
	- synchron or asynchron request,
	- complete or incomplete request
	- definite response required or not
STOP REQUEST	stop request (stop command) has been detected
CANC REQUEST	cancel request (cancel command) has been detected.
SUBTASK ENDED	normal end of the session (subtask)
SUBTASK ABEND	abnormal end of the session (subtask)
LOSTTERM EXIT	the lostterm exit has been scheduled for this session. Additional the reason code is displayed.
SCIP EXIT	the scip exit has been scheduled for this session. Additional

	information: DFC/SC codes (such as BIND REQUEST, UNBIND REQUEST and others).
LOGON EXIT	the logon exit has been scheduled.
NSEXIT	the nsexit has been scheduled for this session. Additional information: NS RU: CLEANUP, NOTIFY or NSPE.
WAIT FOR REQ	a VTAM request has been issued, but the request has not completed within a certain time. Additional information: same as for "VTAM REQUEST"

DF9031W   *A-sid* SESSION REJECTED - ISTATUS=INACTIVE

A request for establishing a session with station 'sid' has been rejected because the stations entry is not released until now. ISTATUS can be changed dynamically by the Operator (see rvs Operations Manual) if neccessary.

DF9032W   COMMAND 'B-sid' REJECTED, FOR STOP OF SESSION INACT LU=luname

The command "B-sid" has been entered for station "sid" which is connected to rvsMVS via one (or more) SNA sessions. This command will be rejected for all SNA-connected stations. The reason for this: this command might cause errors like system abend 0A9 of rvsMVS. If a session to a remote station cannot be stopped with the "P-sid" or "C-sid" command, the logical unit "luname" should be set inactive within the VTAM environment in order to terminate the session.

DF9071E   ALLOC ERROR xxxx-yyyy ddname DSN=dsname

An error occurred during the allocation of the data set 'dsname' and 'ddname'. For significance of
   xxxx   error reason code
   yyyy   information reason code
see OS/VS2 SPL: Job Management.

DF9081I   JOB RECORD jobname/jobid NOT FOUND

JA (Job Active) record type assigned to the job 'jobname/jobid' not found in the rvs control data set.

DF9082I   UNALLOCATION FAILED, FDBK=xxxxxxxx

An error occurred during the unallocation of the output data set (see OS/VS2 System Programming Library: Job Management).

DF9083I   OUTPUT DATA SET HAS BEEN DELETED

After processing the output data set 'dsname' by job 'jobid' (see message DF9081I) the data set has been deleted.

DF9101M   *M-sid mn* text

The message 'text' has been received from the remote station. This may be a reply to the command 'Q-sid' or the operator of the remote station has sent this message.

DF9103P   *f-sid mn* sid2 * dsname time HL-RESPONSE IGNORED - RECORD NOT FOUND

The receipt of a 'high level response record' from the final station 'sid2' after reception of the data set 'dsname' could not be written to the control data set because there was no related AS type control record which could have been updated. The 'high level response record' is a end to end response message using the function 'transmission of data sets via relais station(s)'.

DF9105E   *f-sid mn* SEND r-RECORD FAILED SENSE ssss-uuuu

The transmission of a rvs record type 'r' terminates with a failure.

    ssss   VTAM system sense code
    uuuu   user sense code (see chapter 4 within this manual for an explanation of the
             different user sense codes).

DF9106E   *f-sid mn* text

Extention to message DF9105E: If a user sense code is specified, a short text is given as explanation. "text" is a short description of the user sense code which has been detected. See chapter 4 within this manual for a list of possible user sense codes.

DF9107I   *f-sid mn* text

The error message 'text' has been received from the remote station.

DF9108P   *f-sid mn* EERP SENT / RECVD, DSN=dsname QD=date QT=time

An end-to-end response has been sent to (received from) station 'sid'. The message displays the related datasetname 'dsn' and the queuing date and time of the related file. End-to-end responses are used for transmissions which run at least via one (or more) relais-stations. The message displays the flow of an EERP and is used for problem determination only.

DF9135P   *f-sid mn* r-RECORD RECEIVED TEXT=text

A rvs control record which has been received from the remote station is displayed on print output.

DF9136P   *f-sid mn* r-RECORD HAS BEEN SENT TEXT=text

The transmission of a rvs control record type 'r' is displayed on print output.

DF9140Q   *f-sid mn* command

This message is to be displayed in response to an entered 'command'.

DF9201E   *F-ORT M0* dsn - SET IN OPERATOR HOLD STATUS'

Set transmission to operator hold status. Reason is E-record received or transmission is rejected by user exit DFUX001.

DF9203P   *f-sid mn* sid2 * dsname TIME OUT

The transmisson of the data set identified by 'dsname' will be terminated because of missing responses from the remote station.

DF9204E   *f-sid mn* NO BUFFER AVAILABLE TO SEND HEADER OR TRAILER

All line buffer are temporarily in use. The transmission is cancelled. The status of the send request is changed to the HOLD status.

DF9205E   *f-sid mn* SEND r-RECORD FAILED   SENSE ssss-uuuu

see DF9105E

DF9206E   *S-sid mn* text

see DF9106E

DF9207I   *f-sid mn* text

The error message 'text' has been received from the remote station. This message occures most times in conjunction with an abnormal terminated data set transmission.

DF9208E   *S-sid mn* *** rvs PROTOCOL VIOLATION - RECORD IGNORED ***

A rvs protocol record has been received from the remote station 'sid'. This record is not within the rules of the rvs protocol. The record will be ignored, a just active data set transmission will be terminated.

DF9209E   *S-sid mn* DISK READ PROGRAM ERROR SYSTEM sss USER uuu
TRANSMISSION CANCELLED

The module, which is reading data from disk, terminated with system completion code sss and user code uuu. The transmission will be cancelled.

DF9210E   *S-sid mn* LOGICALLY INVALID RECORD RECEIVED

The contents of a just received rvs protocol record does not match the contents (e.g. data set name, ready time) of the assigned rvs control data set record. The transmission will be terminated.

DF9211E   *S-sid mn* KD RECORD NOT FOUND

During initialization of a transmission, after reception of an rvs protocol record type 'A' no assigned rvs control data set record with an active send request has been found in the control data set.

DF9225I   *S-sid mn* dsname nnnnnnn RE, VOL=volume ** END *** KEPT

Status report at end of transmission after trailer record has has been transmitted.
nnnnnnn   number of transmitted data records.

DF9226P   *S-sid mn* INVALID FEATURE xxxxxxxx in A-RECORD

During I-A-record exchange the remote and receiving station specified in the A-record is using some features. At least one of these features is not supported by the local station. If possible, the transmission will be done by using a lower level of features.

DF9230P   ***S-sid mn* EFFECTIVE SPEED = nnnnn BPS**

> After transmission of a trailer record the transmission speed is determinated for the current data set. The greater the data set, the more precise is the statement concerning speed. With very small data set or in the event of a restart the speed determined is severely reduced by intensive computer activities (ALLOCATION, OPEN, CONTROL, CLOSE).

DF9235P   ***S-sid mn* r=RECORD RECEIVED DSN=dsname**

> Reciving of a rvs protocol record type 'r' is displayed on printout.

DF9236P   ***S-sid mn* r=RECORD HAS BEEN SENT**

> The transmission of a rvs protocol record type 'r' is displayed on printout.

DF9237W   ***f-sid mn* INVALID NUMERIC VALUE IN r-RECORD, 0 ASSUMED**

> A rvs protocol record type 'r' has been received from station 'sid' which has an invalid structure. This message indicates a program error in the program of the remote station 'sid'.

DF9238I   ***F-ORT M0* MAXIMUM ERROR RETRIES REACHED FOR DSN=name**

> The maximum error retries reached for dataset. The transmission will be cancelled.

DF9301I **JCL DATA SET** $\begin{cases} \text{SCRATCHED} \\ \text{NOT UNCATALOGED, (RC=xx)} \\ \text{NOT SCRATCHED, (RC=yy/zz)} \end{cases}$ **dsname**

> A data set has been received which contains JCL. This JCL has been passed to the internal reader for execution. After this the JCL dataset is no longer needed and has been scratched. If the data set could not be scratched, the returncode "yy" and the status code "zz" of the scratch macro is displayed. If the dataset has been scratched but not uncataloged, the returncode "xx" of the catalog macro is displayed.

DF9302E   ***R-sid mn* RECEIVING OF … REJECTED, ALREADY TRANSMITTED**

> See DF3738E

DF9303P   ***f-sid mn* sid2 * dsname TIME OUT**

> The transmisson of the data set identified by 'dsname' will be terminated because a timeout situation has been detected. During a time interval as specified for the session timer (see description of the sessions table), no data have been received on this session.

DF9305E   ***R-sid mn* SEND r-RECORD FAILED SENSE xxxx-yyyy**

> see DF9105E

DF9306E   ***R-sid mn* text**

> see DF9106E

DF9307I   ***R-sid mn* text**

The error message 'text' has been received from the remote station. Most times this message occures in conjunction with an abnormally terminated transmission of a data set.

DF9308E   ***R-sid mn* *** rvs PROTOCOL VIOLATION - RECORD IGNORED *****

A rvs record has been received from the remote station 'sid'. This record is not within the rooles of the rvs protocol. The record will be ignored, a just active data set transmission will be terminated.

DF9309E   ***R-sid mn* OUTPUT PROGRAM ERROR SYSTEM sss USER uuu**
TRANSMISSION CANCELLED

The module, which writes the data records to the output data set, terminated with system completion code 'sss' and user completion code 'uuu'. The transmission will be cancelled.

DF9315E   ***R-sid mn* REMAOTE BCC=rrrr LOCAL BCC=llll text**

The number of bytes transmitted in the last line buffer is not equal to the number of bytes in the received in the line buffer.

DF9326P   ***R-sid mn* INVALID FEATURE xxxxxxxx IN H-RECORD**

The remote station indicated in a H-record to transmit a data set by using some features. At least one of these features is not supported or defined at the local station.

DF9329P   ***R-sid mn*** $\begin{Bmatrix} \text{ENQ USE} \\ \text{DEQ HAVE} \end{Bmatrix}$ **RETURN CODE xx DSN=dsname**

The execution of ENQ- and DEQ-macros is listed on printout.

DF9334P   ***R-sid* FINAL STATION 'sid' SPECIFIED, BUT NO VALID ENTRY IN**
STATIONS TABLE

A data set is to be received from a remote station. It is to be transmitted to a third station 'sid', but this station is not defined in the local stations table. The receiving of this dataset ist rejected.

DF9334P   ***R-sid* RECEIVING REJECTED BECAUSE OF PARM NORELAIS=sid**

A data set is to be received from a remote station. It is to be transmitted to a third station 'sid', but routing to this station is to be suppressed (Parameter NORELAIS=sid). The receiving of this dataset ist rejected.

DF9335P   ***R-sid mn* r-RECORD RECEIVED DSN=dsname**

Receiving of a rvs protocol record type 'r' is listed on printout.

DF9336P   ***R-sid mn* r-RECORD HAS BEEN SENT**

The transmission of a rvs protocol record type 'r' is listed on printout.

DF9337P   ***R-sid* FIRST STATION 'sid' (ORIGINATOR) IS NOT DEFINED IN**

`STATIONS TABLE`

A data set is to be received from a remote station. Originally it comes from a third station 'sid', but this station id is not defined in the local stations table. The receiving of this dataset ist rejected.

`DF9338I    *F-ORT M0* MAXIMUM ERROR RETRIES REACHED FOR DSN=name`

The maximum error retries reached for dataset. The transmission will be cancelled.

`DF9339I    * F-ORT M0* VSAM OPERATION SUCCEEDED AFTER XXXX ATTEMPTS`

A VSAM operation failed, but was succsessful after XXXX attempts.

`DF9340E    * F-ORT M0* OPERATION FAILED WITH RC XXXX, TRANSMISSION WAS NOT`
`            ROUTED!!`

It occurs, if a received dataset is to routed to a stationand a VSAM operation failed. Routed Sendrequest was not created.

`DF9341I    * F-ORT M0* KD-KEY=ASREM.....<DSN> <REDAY DATE/TIME> <START DATE/TIME>`

Detailed information to message DF9340E.
- DSN
- READY DATE and REDAY TIME
- START DATE and START TIME

Messages of the ODETTE FTP task

All message identifiers produced by the ODETTE FTP task are of format 'DF94xxn'. If the messages are issued from the X.25 component the message id is followed by the number of the rvs/X.25 CTCP, e.g.:

DF9401P (05)*F-sid/accm/sessonid*ODETTE TASK STARTED,TYPE=type, LEVEL=level

        In this case the message belongs to CTCP No. 5.

DF9401P   *F-sid/accm/sessonid* ODETTE TASK STARTED, TYPE=type, LEVEL=level

        This message is issued by the Odette File Transfer Protocol task when task initialization is complete. Shown is the task type which can be

INITIATOR	(a station has been called by rvs in response to an Activate station command)
RESPONDER	(an incoming call has been received over the network).

DF9402P   *F-sid/accm/sessonid* ODETTE TASK STOPPED

        This message is issued by the Odette File Transfer Protocol task
when task termination is complete.

DF9403I   *Z-sid/accm/sessonid* TIME-OUT OCCURED, STATE=nn IC=mm

        This message is issued by the Odette File Transfer Protocol task when a time out condition has occurred. The Odette File Transfer Protocol defines a maximum time interval between the exchange of file protocol units. If a file protocol unit is not received within the time interval, the connection will be terminated. The default value for the time interval is 10 minutes. In the message is indicated when the time-out occurred by the state and information code values.

        The following <u>state</u> and <u>information code values</u> are defined:

State	Code	Description
12		Reset to inact state. This state is reached when an outgoing call is made or an incoming call is received but before the Start-Session-Id (SSID) protocol units has been exchanged.
	01	Invalid SSRM protocol unit received.
	02	Invalid SSID protocol unit received.
	03	Time-out occurred during wait for SSRM protocol unit.
	04	Time-out occurred during wait for SSID protocol unit.
14		this state a connection exists to the partner station but no file transfer is active.
	01	Invalid RTR protocol unit received in response to a sent EERP protocol unit.
	02	Time-out occurred during wait for RTR protocol unit after EERP protocol unit was sent.
	03	Time-out occurred during idle wait as listener.
	04	An invalid File Protocol Unit was received during idle wait as listener
	05	A protocol violation occurred during idle wait as listener, ie. a protocol unit was received that was not an SFID, EERP, CD or ESID protocol unit.
15		Inact to active state. This state is reached when a file transfer is to be started but before the actual data is transmitted.

	01	Time-out occurred during wait for SFID protocol unit response after SFID protocol unit was sent.
	02	An invalid File Protocol Unit was received in response to a sent SFID protocol unit.
	03	A protocol violation occurred when the response to a sent SFID protocol unit was received, ie. the received protocol unit was not an SFPA, SFNA or ESID protocol unit.
17		Active state. In this state is the actual file transmission done.
	01	Time-out occurred during wait for CDT after one or more data blocks had been sent.
	02	Time-out occurred during wait for EFID protocol unit response after EFID protocol unit was sent.
	03	An invalid File Protocol Unit was received during wait for data or credit or response to EFID.
	04	A protocol violation occurred during data transfer as listener, ie. a protocol unit was received that was not an EFID or ESID protocol unit or a data unit.
	05	Time-out occurred during wait for data as listener.

**DF9404E   *Z-sid/accm/sessonid* UNRECOGNIZED PROTOCOL UNIT RECEIVED,
             STATE=nn IC=mm**

This message is issued by the Odette File Transfer Protocol task when an unrecognized protocol unit is received. The state and information code values indicate in which situation the error occurred. (State and info-code values are described in message DF9403I)

DF9405E   *Z-sid/accm/sessonid* INVALID FPDU RECVD, STATE=nn IC=mm

This message is issued by the Odette File Transfer Protocol task when a received protocol unit contains invalid data. The state and information code values indicate in which situation the error occurred. (State and info-code values are described in message DF9403I)

DF9406P   *F-sid/accm/sessonid* SESSION TERMINATION STARTED

This message is issued by the Odette File Transfer Protocol task when session termination starts in response to an operator cancel command.

**DF9407E   *F-sid/accm/sessonid* UNKNOWN STATION-ID/INV PASSWORD:
             odette-code (rc)**

This message is issued by the Odette File Transfer Protocol task when a Start-Session-Id (SSID) protocol unit has been received and either the connecting station is unknown or an invalid password was received. In the message is shown the connecting station code and a reason code which is 03 (unknown station) or 04 (invalid password).

DF9408E   *F-sid/accm/sessonid* ATTRIBUTE MISMATCH FOR STATION-ID: odette-code

This message is issued by the Odette File Transfer Protocol task when Start-Session-Id (SSID) protocol units has been exchanged and the stations attributes have been merged. During the merge process it was found that the station attributes prevented a session continuation. The message shows the Odette code for the partner station.

DF9409I   *Z-sid/accm/sessonid* END-OF-SESSION (ESID), CODE=?????/????????????

This message is issued by the Odette File Transfer Protocol task when an End-of-Session (ESID) protocol unit has been sent or received.
In the message the code used in the ESID protocol unit is shown.

```
code        reason
-------------------------------------------------------------
00          normal termination
01          command not recognised
02          protocol violation
03          user code not known
04          invalid password
05          local site emergency closedown
06          command contained invalid data
07          NSDU size error
08          resources not available
09          time out
10          mode or capatibility error
11          invalid challenge response
12          auth. request incompatible
99          unspecified abort
```

DF9410E *Z-sid/accm/sessonid* UNEXPECTED FPDU RECVD, STATE=nn IC=mm

This message is issued by the Odette File Transfer Protocol task when an unexpected protocol unit is received, ie. in the current state of the protocol a certain protocol unit is expected but instead another protocol unit is received. The state and information code values indicate in which situation the error occurred. (State and info-code values are described in message DF9403I)

DF9411E *S-ORT/ACCM/SESSID*(SFNA) text

This message is issued by the Odette File Transfer Protocol task when a Start-File-Negative-Answer (SFNA) protocol unit is sent/received. In the message is shown the code used in the SFNA protocol unit.

Value:
'01' Invalid filename.
'02' Invalid destination.
'03' Invalid origin.
'04' Storage record format not supported.
'05' Maximum record length not supported.
'06' File size is too big.
'10' Invalid record count.
'11' Invalid byte count.
'12' Access method failure.
'13' Duplicate file.
'14' File direction refused.
'15' Cipher suite not supported.
'16' Encrypted file not allowed.
'17' Unencrypted file not allowed.
'18' Compression not allowed.
'19' Signed file not allowed.
'20' Unsigned file not allowed.
'99' Unspecified reason.

DF9412P   ***Z-ORT/ACCM/SESSID*?ERP NOT SENT BECAUSE OF LOW OFTP PROTOCOL VERSION**

This message is issued by the Odette File Transfer Protocol task when an EERP/NERP wasn't sent because the OFTP version of the partner is too low.

DF9413E   ***Z-sid/accm/sessonid* OPEN FAILED FOR VOL=volume DSN=dsn**

This message is issued by the Odette File Transfer Protocol task when a dataset to be sent or received could not be opened. In the message is shown the volume and dataset name of the file for which OPEN error occurred.

DF9414I   ***Z-sid/accm/sessonid* DSN=dsn VOL=volume RESTARTS AT checkpoint**

This message is issued by the Odette File Transfer Protocol task when a file transfer is restarting, ie. a previous attempt has been made to transfer the file. The restart point is indicated in the message and is expressed in records or 1K blocks depending on the file type. In the message is also shown the volume and dataset name of the file to be transferred.

DF9415I   ***Z-sid/accm/sessonid* DSN=dsn,VOL=volume STARTING**

This message is issued by the Odette File Transfer Protocol task when a file transfer is to begin. In the message is shown the volume and dataset name of the file to be transferred.

DF9416W   ***R-sid/accm/sessonid* UNKNOWN EERP RECEIVED DSN=dsn**

This message is issued by the Odette File Transfer Protocol task when an End-to-End-Response (EERP) protocol unit is received but the EERP can not be associated with a previous file transfer. In the message is shown the file name indicated in the EERP protocol unit.

DF9417P   **ORIG=origin, DEST=destination, DATE=yyddd, TIME=hhmmss**

This message is issued by the Odette File Transfer Protocol task when an End-to-End-Response (EERP) protocol unit is sent or received. Additional data are displayed here: origin and destination of the EERP and the queuing date and time of the corresponding dataset.

DF9418E   ***S-sid/accm/sessonid* (EFNA) direction rc/reason**

This message is issued by the Odette File Transfer Protocol task when an End-File-Negative-Response (EFNA) protocol unit has been sent or received after a complete file transfer. In the message is shown the code used in the EFNA protocol unit. Refer to the document "Odette specifications for file transfer" for a further explanation of the code.

code	reason
01	invalid filename
02	invalid destination
03	invalid origin
04	storage record format not supported or PDS transfer not supported
05	maximum record length not supported
06	file size too big
10	invalid record count
11	invalid byte count
12	access method failure
13	duplicate file
99	unspecified reason

DF9419E   *Z-sid/accm/sessonid* INVALID RESTART RECEIVED FOR DSN=dsn

This message is issued by the Odette File Transfer Protocol task when a Start-File-Positive-Response (SFPA) protocol unit is received in response to a start file transfer request. The SFPA protocol unit received indicates a restart point beyond the restart point requested by the task. In the message is shown the file name associated with the restart request.

**DF9420E   *Z-sid/accm/sessonid* I/O ERROR OCCURED (??????),
            TERMINATION STARTED**

This message is issued by the Odette File Transfer Protocol task during file transfer. An unrecoverable i/o error occurred during disk read or write.

DF9421I   *A-sid/accm/sessonid* CONNECTION ESTABLISHED

This message is issued by the Odette File Transfer Protocol task
when a connection has been established to the partner station.

**DF9422P   *A-sid/accm/sessonid* BUFSIZE=nnnnn CREDIT=nnn COMPRESS=? RESTART=?
            SPECIAL LOGIC=? DIRECTION=????**

This message is issued by the Odette File Transfer Protocol task when a connection has been established to the partner station. The message shows the exchange buffer size used for the connection, the established credit value and whether the COMPRESS, RESTART and SPECIAL LOGIC options are used or not and the DIRECTION.

Starting with rvsMVS Rel. 2.5. the COMPRESS value indicates the highest compression level possible between both partners. The current compression level for one file transfer will be shown by message DF9492P.

**DF9423E   *F-sid/accm/sessonid* ENCR./COMPR. FILE NOT SENT BECAUSE OF LOW
            OFTP VERSION**

This message is issued by the Odette File Transfer Protocol task when an encrypted/compressed file wasn't sent because the OFTP version of the partner is too low.

DF9424I   *Z-sid/accm/sessonid* SUCCESSFUL FILE TRANSFER (direction) FILE=dsn

This message is issued by the Odette File Transfer Protocol task when a file transfer has been successfully completed. In the message is indicated whether the dataset was sent or received (direction) and the dataset name (dsn).

**DF9425W   *F-sid/accm/sessonid* task name SEND DATA FLUSHED DUE TO LOCKED
            SERVER QUEUE**

This message is issued by the Odette File Transfer Protocol task when data to be sent to the network server was rejected due to a locked server queue, ie. the nerwork server was not ready to accept the request. In the message is indicated the task name.

DF9426E   *F-sid/accm/sessonid*TOO MANY ERRORS DETECTED – SESSION WILL BE

TERMINATED

This message is issued by the Odette File Transfer Protocol task when an internal limit of error numbers has exceeded. As a result of this situation the OFTP session will be terminated abnormally. This error may occur if rvs receives an SFID protocol unit, but for some reasons responds with an SFNA protocol unit. If the remote station repeats this sequence without any retry time between the different attempts, rvs will terminate the connection to avoid a loop situation..

DF9427P   **DF9427P *S-ORT/ACCM/SESSID*FILEDESCRIPTION RECEIVED - NOT SUPPORTED**

A SFID-FPDU has been received (OFTP V2.0). The SFID includes a file
description, but receiving of file description is not supported.
The transmission will be rejected.

DF9428E   ***Z-ORT/ACCM/SESSID* MAX RECORD LENGTH EXCEEDED (TEXT-FORMAT)**

A File is to be received with FORMAT=TEXT. The sender of the file transmitted a record which exceeds the maximal record length. The transmission will be rejected.

DF9429P   ***A-sid/accm/sessonid* SESSION REJECTED - reason**

This message is issued by the Odette File Transfer Protocol task. A request for establishing a session with station "sid" has been rejected. "reason" may be one of the following conditions:

> **ISTATUS=INACTIVE**
> The stations entry for "sid" has been marked "inactive", but a connection with "sid" requires an "active" stations entry. ISTATUS can be changed dynamically (operator command "F-sid", (see rvsMVS Operations Manual).

> **ODETTE-ID NOT FOUND**
> An incoming call has been received. But the received odette-id is not defined whithin the own (local) stations table.

> **INVALID X25 (TCP/IP) ADDRESS**
> An incoming call has been received. But the received address (X25 number or TCP/IP address) does not match the address defined for this station whithin the stations table. Checking of the remote address will be performed if parameter **XNUMCHCK=YES (TCPIPCHK=YES)** has been specified for this station or if this parameter is valid as a default if specified whithin the CNTL member.

> **MAXIMUM SESSION NUMBER EXCEEDED**
> An incoming call has been received. But the maximum number of parallel sessions defined for this station is exceeded. The connection request is terminated with ESID reason code 08 (resource not available).

DF9430E   ***Z-ORT/ACCM/SESSID* QDATE=???????, QTIME=???????, SDATE=???????,**
STIME=???????'

This message contains additional information to message DF9457E (update send request failed).

DF9431I   ***Z-sid/accm/sessonid* ???? ##### ??????? DSN=dsn**

This message is issued by the Odette File Transfer Protocol Task in response to a Display (DS) command. The message shows information about a file transfer, if the file is Sent or Received, the number of records or 1K blocks transmitted so far and the file name.

DF9432I *V-???/accm/sessonid* AVERAGE SPEED IS ???????? BITS/S

>   This message is issued by the Odette File Transfer Protocol Task in response to a Display
>   Velocity (DV) command. The message shows the average transmission speed for the time the
>   transmission started up to now.

DF9433P *Z-sid/accm/sessonid* CURRENT COUNTERS: RCNT: ####### / #######
                           UCNT: ####### / #######

>   This message is issued by the Odette File Transfer Protocol Task additionally to message
>   DF9409I in case of EFNA to print the current values of record count and unitcount (sender /
>   own).

DF9434I *A-sid/accm/sessonid* VOLUME ?????? IS NOT MOUNTED

>   This message is issued by the Odette File Transfer Protocol Task if the volume containing the
>   file is not mounted.

DF9435I *A-sid/accm/sessonid* FILE ??????? NOT FOUND ON SPECIFIED VOLUME

>   This message is issued by the Odette File Transfer Protocol Task if the file is not found on the
>   volume specified in the KDRECORD. Shown is the virtual file name.

DF9435Z *A-sid* PHYSICAL DSN: ??????? ,VOLUME: ??????

>   This message is issued by the Odette File Transfer Protocol Task if the file is not found on the
>   volume specified in the KDRECORD. Additional this message shows the physical
>   datasetname of the file.

DF9436Z * A-ORT* PHYSICAL DSN: ??????? ,VOLUME: ??????

>   Additional message to DF9435Z.

DF9437P *Z-ORT/ACCM/SESSONID* VALUES:
                           C0/C1: ???????? / ????????,
                           R4-7: ???????? ???????? ???????? ????????

>   This message is issued by the Odette File Transfer Protocol Task if SPECIAL LOGIG is used
>   and an error occurred in receiving state. The checksum values C0 and C1, register 4 (old
>   buffer), 5 (char. counter), 6 (return code) and 7 (new buffer) are shown.

DF9438I *Z Z-ORT/ACCM/SESSID* SYSTEM ABEND 001 DURING JOB-SUBMIT DETECTED,
         RECOVERY IN PROGRESS

>   This message is issued by the Odette File Transfer Protocol Task if an ABEND 001 occurred
>   during job subbmit.

DF9440I *Z-ORT/ACCM/SESSONID* dsn NOT CATALOGED, TRANSMISSION CANCELLED

>   This message is issued by the Odette File Transfer Protocol Task if the dataset to send is not
>   found.

DF9441I *Z-ORT/ACCM/SESSONID* DV COMMAND REJECTED, NO ACTIVE TRANSMISSION

This message is issued if a DV command is given, but send or receive is not active yet.

DF9442P *Z-ORT/ACCM/SESSONID*(?ERP) RECVD, DSN=dsn, QDATE=qdate, QTIME=qtime

This message is issued to inform about receiving an EERP/NERP. In case of errors additional messages DF9416I and DF9417I will be given. Queuing date and time ist stated.

DF9443P *S-ORT/ACCM/SESSID* FILESIZE UNKNOWN, DETERMINATION STARTED

This message is issued during start of a transmission. The size of the file to be sent is not available whithin the send request. (should not occur), or a restart is to be done (receive).
The size of the file must be determined by reading the file. TIMEOUT problems may be caused by very big files!

DF9444P *S-ORT/ACCM/SESSID* SEND OF ?ERP FAILED, DSN=dsname

This message is issued if an EERP/NERP could not be sent (the remote station did not respond with an 'RTR' OFTP protocol unit to the sent EERP/NERP). The EERP/NERP is set into HOLD status, a next attempt for sending is not be made before the holdreset time interval has expired.

DF9445E *S-ORT/ACCM/SESSID* REMOTE STATION DOES NOT SUPPORT function

This message is issued if a file is to be sent to the remote station, but the remote station does not support the required function.
"function" may be
- PDS TRANSFER (the file to be sent is a PDS) or
- RECEIVING OF FILES (the remote station can only send files).
This message is followed by DF9446E. The send request is cancelled, no further restart will be made after this situation.

DF9446E *S-ORT/ACCM/SESSID* TRANSMISSION OF dsname CANCELLED

This message is issued in conjunction with message DF9445E or DF9457E.

DF9447E *S-ORT/ACCM/SESSID* SYSTEM ABEND sss DETECTED, RECOVERY IN PROGRESS

This message is issued when an abend (sss) has occured whithin the OFTP task. A special recovery is done for system abends B37, D37 and 837. Other abends will cause an abnormal termination of the OFTP task.

DF9448P *R-sid/ACCM/SESSID* ENQ RETURNCODE rc FOR dsn

This message is issued when a file with (virtual) filename 'dsn' is to be received from station 'sid'. and the serialization function failed. The transmission will be rejected. ENQ returncode 04 indicates that a file with same (virtual) filename and same queuing date and time is just received from station 'sid' on a parallel session.

DF9449P *R-sid/ACCM/SESSID* INV. ?ERP DATA RECVD, ORIG=oid1, DEST=oid2
This message is issued when an EERP/NERP protocol unit has been received and the verification of the EERP/NERP failed. The EERP/NERP-data (Odette-Ids of originator and destination, virtual file name, date and time) are listed in this message. The EERP/NERP is accepted, but will not be further processed by rvs.

DF9450I ***Z-ORT/ACCM/SESSONID* NONZERO RETURNCODE BY name USER EXIT**

This message is issued by the Odette File Transfer Protocol Task if the USER_EXIT has a nonzero returncode.

DF9451I ***Z-ORT/ACCM/SESSONID* INVALID FILENAME DSN=????????????????????**

This message is issued when the filename includes characters which don't match with OFTP character subset ISO 646. In the message is shown virtuell filename of the dataset.

DF9452I ***Z-ORT/ACCM/SESSONID* INVALID SFIDDSN=?????????????????????????**

This message is issued when the received filename includes characters which don't match with OFTP character subset ISO 646. In the message is shown virtuell filename of the dataset (SFIDDSN).

DF9453I ***Z-ORT/ACCM/SESSONID* RELATED SFIDDSN=dsn, QD=qdate, QT=qtime**

This message is issued in addition to Start File Negative Answer (SFNA) messages, stating the name of the datset that has been denied. Queuing date and time ist also stated.

DF9454P ***Z-ORT/ACCM/SESSONID* NO/INVALID CODE TRANSLATION TABLE USED,**
CODETRNS=????????

This message is displayed when code translation is requested but no or an invalid code translation table is used. The name of the code translation table is shown.

DF9455I   ***S-ORT/ACCM/SESSID* WAITING FOR SYSTEM-READY-MESSAGE (SSRM) FROM**
STATION ???

This message is displayed after connection request when the partner sends no answer.

DF9456P   ***S-ORT/ACCM/SESSID*RECEIVED ?ERP NOT STORED - LENGTH (¬¬¬¬ HEX)**
INVALID

EERP/NERP is too long.

DF9457E   ***S-ORT/ACCM/SESSID*UPDATE OF SEND REQUEST FAILED, RC=¬¬ (HEX)**

This message is displayed when an update of send request failed.
The messages DF9446 (TRANSMISSION CANCELLED), DF9430E and DF94A5P follow this message to describe the affected send entry.
This message could inicate a damaged rvs control dataset. In this case it is recommended to check the control dataset (IDCAMS – VERIFY, INDEXTEST DATATEST) and to start a recovery if necessary.

DF9458I   ***S-ORT/ACCM/SESSID*RESOURCE NOT AVAILABLE: TARGET**
DSN=???

This message is issued when the targed dataset name is in use by an other receiving task or decription/decompression task receiving of the file will be rejected.

DF9459E   ***S-ORT/ACCM/SESSID*DATASET WITH SAME QUEUING DATE/TIME ALREADY SENT**

This message is issued when the dataset with the same name and the same queuing date/time was already sent.

**DF9463E   *Z-ORT/ACCM/SESSONID* DATASET WITH SAME QUEUING DATE/TIME
          ALREADY RECEIVED**

DF9464E   *Z-ORT/ACCM/SESSONID* DATASET ALREADY EXISTS (NO REPLACE)

This message is issued to explain the cause of the duplicate file condition.

**DF9465I   *F-ORT/ACCM/SESSID*MAXIMUM ERROR RETRIES REACHED FOR
          DSN=?????????????????????????**

This message is issued by the Odette File Transfer Protocal task when the maximum allowed limit of transfer retries has been reached. The OFTP session will be closed.

DF9466I   *F-ORT/ACCM/SESSID*WAITING FOR RDS-TASK

This message is issued when command DS has been entered and the OFTP task is currently waiting for an answer from the RDS task (DF052X)

DF9467P   *F-ORT/ACCM/SESSID*NERP FOR ??? NOT SENT BECAUSE OF LOW OFTP VERSION

This message is issued when a NERP (negative end to end response) is not sent because the neighbour doesn't support OFTP version 1.4 or higher.

DF9468P   *F-ORT/ACCM/SESSID*CREATOR=???, REASON=??: ???????????????

This message is issued when a NERP (negative end to end response) is received. It contains who is the creator of the NERP and what was the reason (code and description).

'03' → ESID received with reason code '03' (user code not known)
'04' → ESID received with reason code '04' (invalid password)
'09' → ESID received with reason code '99' (unspecified reason)
'11' → SFNA(RETRY=N) received with reason code '01' (invalid file name)
'12' → SFNA(RETRY=N) received with reason code '02' (invalid destination)
'13' → SFNA(RETRY=N) received with reason code '03' (invalid origin)
'14' → SFNA(RETRY=N) received with reason code '04'(invalid storage record format)
'15' → SFNA(RETRY=N) received with reason code '05'(max. record length not supported)
'16' → SFNA(RETRY=N) received with reason code '06'(file size too big)
'20' → SFNA(RETRY=N) received with reason code '10'(invalid record count)
'21' → SFNA(RETRY=N) received with reason code '11'(invalid byte count)
'22' → SFNA(RETRY=N) received with reason code '12'(access method failure)
'23' → SFNA(RETRY=N) received with reason code '13'(duplicate file)
'24' → SFNA(RETRY=N) received with reason code '14'(file direction refused)
'25' → SFNA(RETRY=N) received with reason code '15'(cipher suite not supported)
'26' → SFNA(RETRY=N) received with reason code '16'(encrypted file not allowed)
'27' → SFNA(RETRY=N) received with reason code '17'(unencrypted file not allowed)
'28' → SFNA(RETRY=N) received with reason code '18'(compression not allowed)
'29' → SFNA(RETRY=N) received with reason code '19'(signed file not allowed)
'30' → SFNA(RETRY=N) received with reason code '20'(unsigned file not allowed)
'31' → File signature not valid.
'32' → File decompression failed.
'33' → File decryption failed.
'34' → File processing failed.
'35' → Not delivered to recipient.
'36' → Not acknowledged by recipient.
'50' → Transmission stopped by the operator.
'90' → File size incompatible with recipient's protocol version.
'99' → Unspecified reason.

DF9469P   ***S-ORT/ACCM/SESSID* **message text** FILENAME=name**

This message is issued additionally to DF9411I to display the corresponding file name.
The following message text may occure:

                         IGNORED, FIX EERP IN KD
                         IGNORED, LOAD PDS FILE
                         IGNORED, CODE TRANS READ
                         IGNORED, CODE TRANS WRT

DF9470E   ***S-ORT/ACCM/SESSID* KDUPDATE OF ?ERP FAILED, R C=¬¬ (HEX),**
STEP=????????

This message is issued if an EERP/NERP can't stored in KD. Additional information are given
by message DF9489P.

DF9471P   ***Z-ORT/ACCM/SESSID*LOG RECORD FOUND DSN=name M=????????**
DF9472P   ***Z-ORT/ACCM/SESSID*LOG RECORD UPDAT DSN=name M=????????**
DF9473P   *** Z-ORT/ACCM/SESSID* ????????????????? = ¬¬¬¬ ¬¬¬¬ ¬¬¬¬ LENGTH= ¬¬¬¬¬¬¬**
DF9474P   ***Z-ORT/ACCM/SESSID* ??**
DF9475P   ***Z-ORT/ACCM/SESSID* ?????????????????? = ¬¬¬¬¬¬¬ SID=???**
DF9478P   ***Z-ORT/ACCM/SESSID* CALL PARM= ¬¬¬¬, ???, ¬¬¬¬¬¬¬¬, ¬¬¬¬¬¬, ??**
DF9479P   ***Z-ORT/ACCM/SESSID- HEADER RECORD: ?????????????? = ????????**
DF9480E   ***Z-ORT/ACCM/SESSID* RESTRICTION TABLE ERROR (NO RECEIVE)**
DF9481E   ***Z-ORT/ACCM/SESSID* PERMISSION TABLE ERROR (NO RECEIVE)**
DF9483E   ***Z-ORT/ACCM/SESSID* *ONL* TASK ABEND ????, SID=???, DSN=name**
DF9484P   ***Z-ORT/ACCM/SESSID* ACTIVE *ONL* TASK HAS BEEN DETACHED, SESSION**
**   ????????/???**
DF9485P   ***Z-ORT/ACCM/SESSID* used user separation (USP) sibcousp**
DF9486P   ***Z-ORT/ACCM/SESSID* used user separation (USP) siboousp**
DF9487P   ***Z-ORT/ACCM/SESSID* used user separation (USP) sibpousp**

Messages DF9471P until DF9487P are for error detection only. They are not in effect for
users purpose.

DF9488P   ***Z-ORT/ACCM/SESSID*SEND-REQUEST CANCELLED DUE TO STARTPARM >DELSREQ<**

This message is issued by the Odette File Transfer Protocol Task if a send request is canceld.

DF9489P   ***Z-ORT/ACCM/SESSID*DEST=???, DSN=?????????????????????????**

This message is issued as additional message to DF9488P, DF9470E.

DF9490P   ***Z-ORT/ACCM/SESSID* ???**

Messages DF9490P is for error detection only. They are not in effect for users purpose.

DF9492P   ***Z-ORT/ACCM/SESSID* RESTART COUNT EXCEEDS MAXIXMUM NUMBER OF 15 DIGITS**

An SFID has been received (OFTP 2.0). The SFID includes a restart count with more than 15
digits. RVSMVS doesn't support restart counts with more than 15 digits. The transmission will
be rejected with reason code 06: FILE SIZE TOO BIG.

DF9496P   ***Z-ORT/ACCM/SESSID- HEADER RECORD: ?????????????? = ¬¬¬¬¬¬¬**
DF9498P   ***Z-ORT/ACCM/SESSID- ?????????????????????????????????????**
DF9499P   **-T-ORT/ACCM/SESSID- ???????? (¬¬) ??????????????**

Messages DF9496P until DF9499P are for error detection only. They are not in effect for
users purpose.

DF94A5E   ***Z-ORT/ACCM/SESSID* ????????**

This message contains additional information to message DF9457E (update send request failed).

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Messages of the X.25 Control Task

DF9501I   (nn) CTCP INITIALIZATION COMPLETE, LV=??????????????

> This message is issued by the rvs/X.25 CTCP task when task initialization is complete. (nn) states the CTCP number. LV denotes to the current program version of program DF095A.

DF9502P   (nn) rvs/X.25 CTCP TERMINATION ????????

> This message is issued by the rvs/X.25 CTCP task when task termination has started or is complete.

DF9503E   (nn) rvs/X.25 CTCP ABEND, CODE=   EP=   PSW=

> This message is issued by the rvs/X.25 CTCP task when an abend occurs. The message shows the system abend code, the entry point of the program and the address where the abend occurred. When an abend occurs, task termination will be done after all subtasks has been terminated.

DF9504I   (nn) rvs/X.25 CTCP VTAM ????? EXIT SCHEDULED

> This message is issued by the rvs/X.25 CTCP task when a VTAM exit has been scheduled. The message is only issued if trace for the X.25 link Logical Unit is active unless the TPEND exit is scheduled. Scheduling of the TPEND exit will always be reported.

DF9505E   (nn) ACB OPEN FAILED, ACB=   RSN=

> This message is issued by the rvs/X.25 CTCP task when open of the ACB to use for VTAM communication fails. The message shows the ACB name, the reason code for open failure and an explanatory text. The CTCP task will terminate when the ACB cannot be opened.

DF9506E   (nn) ACB CLOSE FAILED, ACB=   RSN=

> This message is issued by the rvs/X.25 CTCP task when close of the ACB used for VTAM communication fails. The message shows the ACB name and the reason code for close failure. The CTCP task will continue termination.

DF9507E   (nn) SETLOGON ????? FAILED, REASON=

> This message is issued by the rvs/X.25 CTCP task when a VTAM SETLOGON request fails. The message shows the SETLOGON type (START/STOP) and the VTAM return code. The CTCP task will terminate if SETLOGON START is not successful.

DF9508P   (nn) ?????? FAILED FOR LU=   REASON=rrff SENSE=

> This message is issued by the rvs/X.25 CTCP task when a VTAM request fails. The message shows the failing request, the Logical Unit that issued the request and VTAM return (rr=rtncde,ff=fdbk2) and sense code. If a VTAM request fails for the X.25 link Logical Unit, the CTCP task will start termination.

DF9509W   (nn) SESSION START REJECT, NO VIRTUAL CIRCUITS AVAILABLE

     This message is issued by the rvs/X.25 CTCP task in response to an operator Activate station command if no resources are available to handle a call request.

DF9510W   (nn) CALL REJECTED DUE TO INCOMPATIBLE FACILITY, PACKET SIZE
^^^^ WINDOW SIZE ^^^^

     This message is issued by the rvs/X.25 CTCP task when a call setup is rejected due to incompatible X.25 packet or window size. The values shown are taken directly from the call packet. Please refer to X.25 documentation for further explanation.

DF9511I   (nn) CLEAR RECEIVED: STATION=??? CAUSE=   DIAG=

     This message is issued by the rvs/X.25 CTCP task when an X.25 Clear indication is received. The message shows the X.25 clearing cause and diagnostic code. For cause code and diagnosis code see chapter 6 of this manual.

DF9512P   (nn) CALL CONFIRM RECEIVED FROM STATION ???

     This message is issued by the rvs/X.25 CTCP task when an outgoing call on the X.25 network has been confirmed by the calling address The called station is indicated in the message.

DF9513W   (nn) INCOMING CALL REJECTED, NO RESOURCES AVAILABLE

     This message is issued by the rvs/X.25 CTCP task when an incoming call on the X.25 network has been rejected because of no resources available to handle the call request.

DF9514W   (nn) ????? RECEIVED ON SESSION ????????/???, CAUSE=   DIAG=

     This message is issued by the rvs/X.25 CTCP task when an X.25 Clear or Reset packet is received on an active session. The message shows the Logical Unit name and the station id of the virtual circuit on which the Clear or Reset was received and the clearing cause and diagnostic code as found in the packet. If the clearing cause and diagnostic code are FF, an Invitation to Clear PAD message has been received and the CTCP will send a Clear request for the session. For cause code and diagnosis code see chapter 6 of this manual.

DF9515I   (nn) INTERRUPT RECEIVED ON SESSION ????????/???, DATA=

     This message is issued by the rvs/X.25 CTCP task when an X.25 Interrupt packet is received on an active session. The message shows the Logical Unit name and the station id of the virtual circuit on which the Interrupt was received and the data in the interrupt packet. No action is taken when an interrupt packet is received.

DF9516I   (nn) DIAGNOSTIC RECEIVED, CODE= REASON=

     This message is issued by the rvs/X.25 CTCP task when a diagnostic packet is received from the IBM NPSI product. The message shows the code and reason as received in the packet. No further action is taken for this type of packet.

DF9517P   (nn) CLEAR CONFIRM RECEIVED

     This message is issued by the rvs/X.25 CTCP task when an X.25 Clear confirmation is received. The Clear confirmation is received in response to a previously issued X.25 Clear request.

DF9518P   (nn) ????????? CONFIRM RECEIVED ON SESSION ????????/???

       This message is issued by the rvs/X.25 CTCP task when an X.25 Clear or Reset confirmation is received on an active session. The message shows the Logical Unit name and the station id of the virtual circuit on which the confirmation was received.

DF9519E   (nn) ERROR REPORTED FOR VC= , COMMAND= REASON=

       This message is issued by the rvs/X.25 CTCP task when an error information packet is received from the IBM NPSI product. The message shows the virtual circuit that had the error, the command in error and the associated reason code. The corresponding virtual circuit will be closed.

DF9520I   (nn) RESET FOR PERMANENT VIRTUAL CIRCUIT RECEIVED,CAUSE= DIAG=

       This message is issued by the rvs/X.25 CTCP task when an X.25 Reset packet is received from the IBM NPSI product. The Reset is associated with a permanent virtual circuit that is currently not connected. For cause code and diagnosis code see chapter 6 of this manual. No further action is taken for this type of packet.

DF9521I   (nn) PAD DATA RECEIVED FOR ????????, MESSAGE: ?????

       This message is issued by the rvs/X.25 CTCP task when a data packet with the Qualified Data Indicator is received. A Qualified Data packet is a so called PAD message and the type of PAD message is shown in the message. Also shown in the message is the task name that received the PAD message. Note that PAD messages are taken care of by the CTCP.

DF9522W   (nn) ERROR IN PAD COMMAND RECEIVED, TYPE= CODE=

       This message is issued by the rvs/X.25 CTCP task when a PAD Error Indication message is received. The message shows the error type and error code as reported in the PAD error message.

DF9523W   (nn) ???????? SEND DATA FLUSHED DUE TO LOCKED SERVER QUEUE

       This message is issued by the rvs/X.25 CTCP task when data to be sent to the Odette File Transfer Protocol task was rejected due to a locked server queue, ie. the task was not ready to accept the request. In the message is indicated the task name.

DF9524E   (nn) INVALID COMMAND ??

       This message is issued by the rvs/X.25 CTCP task when an invalid command has been entered. The invalid command is indicated in the message.

DF9525W   (nn) OPTION ALL NOT SUPPORTED FOR COMMAND

       This message is issued by the rvs/X.25 CTCP task when the option ALL has been used for a command that does not support the ALL option.

DF9526E   (nn) INVALID COMMAND PARAMETER

This message is issued by the rvs/X.25 CTCP task when an invalid parameter to a used command is detected.

DF9527W   (nn) SPECIFIED VCB ??? NOT FOUND

This message is issued by the rvs/X.25 CTCP task when the Virtual Circuit Block number (VCB) specified in a command cannot be found.

DF9528W   (nn) SPECIFIED STATION ??? ??????????????

This message is issued by the rvs/X.25 CTCP task when a command refering to a station is used. Either the station could not be found, the station was already active (for Activate command) or the station was not active.

DF9529I   (nn) OK

This message is issued by the rvs/X.25 CTCP task in response to a command that has been accepted and executed.

DF9530I   (nn) CTCP ACTIVE ????????/???????? LV=????????????

This message is issued by the rvs/X.25 CTCP task in response to a Display (DS) command. The message shows the ACB-name used by the CTCP task and the name of the Logical Unit used for X.25 link communication. LV states the last modification date of program DF095A.

DF9531I   (nn) VCB### ???????? LU=   SID=

This message is issued by the rvs/X.25 CTCP task in response to a Display (DS) command. The message displays information for a Virtual Circuit Block (VCB) and shows the VCB number, the current VCB state, the virtual circuit Logical Unit associated with the VCB if an X.25 connection exits and the station identification (rvs station code and Odette station code) if a station is connected.

DF9532I   (nn) BUFSIZE= CREDIT=   COMPRESS= RESTART= SPECIAL LOGIC=

This message is issued by the rvs/X.25 CTCP task in response to a Display (DS) command. The message shows the exchange buffer size used for the connection the established credit value and whether the compress, restart and special logic options are used or not.

DF9533I   (nn) ???? ##### ??????? DSN=

This message is issued by the rvs/X.25 CTCP task in response to a Display (DS) command. The message shows information about a file transfer, if the file is Sent or Received, the number of records or 1K blocks transmitted so far and the file name.

DF9534I   (nn) REGS 0-7 : xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
**   xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx**

This message is issued by the rvs/X.25 CTCP task when an abend occurs. The message shows the content of the registers 0 to 7 at the time of abend.

DF9535I   **(nn) REGS 8-15 : xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx**
                              xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx

This message is issued by the rvs/X.25 CTCP task when an abend occurs. The message shows the content of the registers 8 to 15 at the time of abend.

DF9536W   **(nn) COMMAND REJECT FROM GATE FOR ????????, COMMAND CURRENTLY**
               NOT EXECUTABLE

This message is issued by the rvs/X.25 CTCP task when a VTAM Send request is completed with return code 0404 and sense 081C. This indicates that a command sent by the CTCP is temporarily not executable by the GATE function in the IBM NPSI product. The reason for command reject is probably that an X.25 Clear packet has been received from the network on the associated virtual circuit. It can be a temporary problem that may be solved by stopping the CTCP task using the command 'P rvsX' or even 'B rvsX' and starting it again. If this does not work try to inactivate and activate the VTAM session for the MCH link '????????'. In some cases it might be a permanent error. Reload of the NCP (NPSI) will solve this problem.

DF9537W   **(nn) * SESSION REJECTED FOR STATION sid - ISTATUS=INACTIVE**

A request for establishing a session with station 'sid' has been rejected because the stations entry is not released until now. ISTATUS can be changed dynamically by the Operator (see rvs Operations Manual) if neccessary.

DF9538P   **(nn) LOGON REQUEST REJECTED BY rvs (LOGON EXIT)**

This message is issued by the rvs/X.25 CTCP task when the logon exit was scheduled but rvs did not accept the logon request for some reason. There might be a temporary problem that is handled by rvs.

DF9539P   **(nn) COMMAND REJECTED, TERMINATION OF rvs/X.25 CTCP IN PROGRESS**

This message is issued by the rvs/X.25 CTCP task when an activate command has been entered but termination of the rvs/X.25 CTCP task has already started.

DF9540P   **(nn) STATION ENTRY NOT ASSIGNED - NO PAD DEFAULTS SET**

This message is issued by the rvs/X.25 CTCP task when a connection with a PAD stations is to be established. rvs tries to reset the PAD parameters to defaults as defined in the rvs stations table. In this case the assignment did not exist - so the station definitions could not be used.

DF9541P   **(nn) CALL RECEIVED / X.25 DTE NO. = ##############**

This message is issued by the rvs/X.25 CTCP task when an X.25 call packet is received. The message shows the X.25 DTE number of the caller.

DF9542W   **(nn) INVALID CALL PACKET RECEIVED / LENGTH OF DTE NO. EQUAL ZERO**

This message is issued by the rvs/X.25 CTCP task when an invalid X.25 call packet is received. The length of the calling DTE number is equal to zero.

DF9543P **(nn) CLEAR PACKET HAS BEEN SENT ON SESSION ????????**

This message is issued by the rvs/X.25 CTCP task when an X.25 clear packet has been sent to the remote station.

DF9544P **(nn) ODETTE TASK HAS BEEN POSTED, SESSION ????????/???**

This message is issued by the rvs/X.25 CTCP task when the ODETTE task has been posted for termination.

DF9545P **(nn) ODETTE TASK HAS BEEN DETACHED, SESSION ????????/???**

This message is issued by the rvs/X.25 CTCP task when the ODETTE task has been detached after termination.

DF9546P **(nn) ???????? POSTED BUT REQUEST NOT ACTIVE, SESSION ????????**

This message is issued by the rvs/X.25 CTCP task when the ECB named ??????? has been posted but a corresponding request has not been found.

DF9547P **(nn) PACKET SIZE ???? AND WINDOW SIZE ^^ HAVE BEEN NEGOTIATED**

This message is issued by the rvs/X.25 CTCP task when an x.25 call packet has been received and flow control parameters have been negotiated.

DF9548P **(nn) CALL CONFIRMATION SENT**

This message is issued by the rvs/X.25 CTCP task when an x.25 call confirmation packet is sent. The call confirmation is sent in response to a previously received x.25 call request.

DF9549P **(nn) ODETTE TASK EOT ECB POSTED, SESSION ????????/???**

This message is issued by the rvs/X.25 CTCP task when the ODETTE task EOT ECB has been posted

DF9550E **(nn) SPECIFIED PARTNER NUMBER INDEX mm NOT DEFINED**

This message is issued by the rvs/X.25 CTCP task if the operator command 'A-SID,Cnn,Nmm' was entered and the specified partner number index 'mm' is not defined in station table entry.

DF9551E **(nn) SPECIFIED PARTNER NUMBER INDEX mm NOT DEFINED FOR SELECTED CTCP**

This message is issued by the rvs/X.25 CTCP task if the operator command 'A-SID,Cnn,Nmm' was entered. In this case the specified partner number index is defined for the station but not for the specified CTCP.

DF9552I **(nn) *A-sid* DIALING X25NUM.mm=??????????????**

This message is issued when the rvs/X.25 CTCP task sends an outgoing call packet to a partner station with the specified X.25 number.

DF9553P   (nn) NO ACTIVE SCT ENTRY FOUND, VCB FOR SESSION ???????? CLEARED

This message is issued by the rvs/X.25 CTCP task when an virtual control block (VCB) has been found and no appropriate session control table (SCT) entry exists. rvs will handle this problem and release the VCB entry.

DF9554P   (nn) ACTIVE ODETTE TASK HAS BEEN DETACHED, SESSION ????????/???

This message is issued by the rvs/X.25 CTCP task when an active ODETTE task has been detached. This happens only in that case that the subtask dies not respond any more.

DF9555P   (nn) ODETTE TASK NOT RESPONDING, WILL BE CANCELLED ????????/???

This message is issued by the rvs/X.25 CTCP task when an ODETTE task is not responding nay longer. In this case it will be detached.

DF9557P   (nn) INVALID BUFFER (BUFFERADDRESS) DETECTED, BUFFER NOT RELEASED

This message is issued by the rvs/X.25 CTCP task when a buffers is to be released. In this case an invalid buffer address has been detected and the buffer will not be released.

DF9558E   (nn) JES ALLOCATION PROBLEM

This message is issued by the rvs/X.25 CTCP task if the JES3 alloc problem has been detected.

DF9559E   (nn) OFTP TASK ABEND ????, SID=???, DSN=?????????????????????????

This message is issued by the rvs/X.25 CTCP task when the ODETTE task EOT ECB has been posted.

DF9590P   DFXNST ENTERED
DF9590P   DFXLOST ENTERED

signified call NSEXIT / LOSTERM VTAM Exit Routine.

LOSTERM - A session with an LU has been temporarily interrupted or permanently lost; the LU or VTAM operator requested that the session be terminated; or an event occurred that can affect future operation of the session.

NSEXIT -   A network services request unit has arrived for the application program, indicating, for example, that:
    - A session with an LU has been terminated because of a disruption of the path used by the session
    - A session-establishment procedure has completed or failed.

(See Comm Server SNA Programming - SC31-8829-01).

DF9591P   (nn) *A=???????? L=???????? C=???????? R=????????

This message is issued by the rvs/X.25 CTCP task for VTAM problem determination reasons. A=???????? defers to the VTAM request, L=???????? states the corresponding LU name, C=???????? shows the communication identifier CID and R=???????? the action.

DF9598W   (nn) ?????????? FAILED FOR LU=???????? R0=???? R15=????

This message is issued by the rvs/X.25 CTCP task when a VTAM request fails. The message shows the failing request, the logical unit that issues the request und register R0 und R15.

DF9599P   (nn) xxxxxxxx

The X25 Task issues this message. This message is issued if internal trace modul is used (see command T RVSX). The name of X25 Task subroutine that gets control is shown.
This message is for internal use only.

DF9599P   (nn) ???????? VCB=???????? CONID=???? SESSION=???? SID=???

The X25 Task issues this message. This message is issued if internal trace modul is used (see command T RVSX).
This message is for internal use only.

Messages of the XOT Control Task

DF9I01I   (nn) CTCP INITIALIZATION COMPLETE, LV=??????????????

This message is issued by the rvs/XOT CTCP task when task initialization is complete. (nn) states the CTCP number. LV denotes to the current program version of program DF095I.

DF9I02P   (nn) rvs/XOT CTCP TERMINATION COMPLETE

This message is issued by the rvs/XOT CTCP task when task termination is complete.

DF9I03E   (nn) rvs/XOT CTCP ABEND, CODE=   EP=   PSW=

This message is issued by the rvs/XOT CTCP task when an abend occurs. The message shows the system abend code, the entry point of the program and the address where the abend occurred. When an abend occurs, task termination will be done after all subtasks has been terminated.

DF9I09W   (nn) XOT-SESSION COULD NOT BE STARTED. NO VIRTUAL CIRCUITS AVAILABLE

This message is issued by the rvs/XOT CTCP task in response to an operator Activate station command if no resources (no virtual circuits) are available to handle a call request.

DF9I10W   (nn) XOT-SESSION COULD NOT BE STARTED. NO ODETTE SESSION AVAILABLE

This message is issued by the rvs/XOT CTCP task in response to an operator Activate station command if no resources (no ODETTE sessions) are available to handle a call request.

DF9I11W   (nn) XOT-LISTENER COULD NOT BE STARTED. NO VIRTUAL CIRCUITS AVAILABLE

This message is issued by the rvs/XOT CTCP task in response to a start of a XOT listener, if no resources (no virtual circuits) are available to handle a call request.

DF9I12W   (nn) XOT-LISTENER COULD NOT BE STARTED. NO ODETTE SESSION AVAILABLE

This message is issued by the rvs/XOT CTCP task in response to a start of a XOT listener, if no resources (no ODETTE sessions) are available to handle a call request.

DF9I25W   (nn) OPTION ALL NOT SUPPORTED FOR COMMAND

This message is issued by the rvs/XOT CTCP task when the option ALL has been used for a command that does not support the ALL option.

DF9I26E   (nn) INVALID COMMAND PARAMETER

This message is issued by the rvs/XOT CTCP task when an invalid parameter for a command was detected.

DF9I27I   (nn) SPECIFIED STATION ??? ??????????????

This message is issued by the rvs/XOT CTCP task when a trace start/stop/pending.

DF9I28W   (nn) SPECIFIED STATION ??? ??????????????

This message is issued by the rvs/XOT CTCP task when a command refering to a station is used. Either the station could not be found, the station was already active (for Activate command) or the station was not active.

DF9I29I   (nn) OK

This message is issued by the rvs/XOT CTCP task in response to a command that has been accepted and executed.

DF9I30I   (nn)CTCP - XOT SUBTASK ?????? LV=??????????????

This message is issued by the rvs/XOT CTCP task in response to a Display (DS) command. The message shows the status of CTCP. LV shows the last modification date of program DF095I.

DF9I31I   (nn) *???/####* ?????????/????????????????????????

This message is issued by the rvs/XOT CTCP task in response to a Display (DS) command. The message shows the status of active XCB (SID/Sequencenumber status/x25. Address).

DF9I34I   (nn) REGS 0-7 : xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
**   xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx**

This message is issued by the rvs/XOT CTCP task when an abend occurs. The message shows the content of the registers 0 to 7 at the time of abend.

DF9I35I   (nn) REGS 8-15 : xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
**   xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx**

This message is issued by the rvs/XOT CTCP task when an abend occurs. The message shows the content of the registers 8 to 15 at the time of abend.

DF9I37W   (nn) * SESSION REJECTED FOR STATION sid - ISTATUS=INACTIVE

A request for establishing a session with station 'sid' has been rejected because the stations entry is not released yet. ISTATUS can be changed dynamically by the Operator (see rvs Operations Manual) if neccessary.

DF9I39P (nn) COMMAND REJECTED, TERMINATION OF RVS/X.25 CTCP IN PROGRESS

This message is issued by the rvs/XOT CTCP task when a command has been entered but termination of the rvs/XOT CTCP task has been already started.

DF9I50E   (nn) SPECIFIED PARTNER NUMBER INDEX mm NOT DEFINED

This message is issued by the rvs/XOT CTCP task if the operator command 'A-SID,Cnn,Nmm' was entered and the specified partner number index 'mm' is not defined in station table entry.

DF9I51E   (nn) SPECIFIED PARTNER NUMBER INDEX mm NOT DEFINED FOR SELECTED CTCP

This message is issued by the rvs/XOT CTCP task if the operator command 'A-SID,Cnn,Nmm' was entered. In this case the specified partner number index is defined for the station but not for the specified CTCP.

DF9I52I   (nn) *A-sid* DIALING XOTNUM.mm=??????????????

This message is issued when the rvs/XOT CTCP task sends an outgoing call packet to a partner station with the specified X.25 number.

DF9I59E   (nn) XOT TASK ABEND ????, SID=???, DSN=??????????????????????????

This message is issued by the rvs/XOT CTCP task when a XOT task ABEND occurs.

DF9I61I (XX) *X-???* ??

This is a universal message and is issued by CTCP to inform about:

> Wrong Parameters
> Problem during TCP/IP name resolution

DF9I62I   (nn) ?????? IP ADDRESS=###.###.###.###, PORT=#####

This message is issued by the rvs/XOT CTCP task in response to a Display (DS) command. The message shows the statu, the IP-addr and port. (see DF9I31I, too)

DF9I64I   (nn) ?????? IP GETHOSTBYNAME ERROR

This message is issued by the rvs/XOT CTCP task in if a TCP/IP name resolution error occurs.

DF9I90P   (XX) XOT-SUBTASK COULD NOT BE STARTED. NOT ENOUGH MEMORY

This message is issued by the rvs/XOT CTCP task when start of an XOT subtask failed.

DF9I96I   (nn) *???/####* XOT-LISTENER IS RUNNING/?????????????????????????

This message is issued by the rvs/XOT CTCP task in response to a Display (DS) command. The message shows the status of XOT listener (SID/Sequencenumber x25. Address).

DF9I97P   (nn) ???????? VCB=???????? CONID=???? SESSION=???? SID=???

The XOT Task issues this message. This message is issued if internal trace modul is used (see command T RVSX).
This message is for internal use only.

DF9I98I   (nn)CTCP ?????? ###.###.###.###:####/###.###.###.###:#### LV=????????

This message is issued in response to a STATUS_CTCP command. It shows status, local and remote ip-address/port and the version of DF095I.

DF9I99P   (nn) xxxxxxxx

The XOT Task issues this message. This message is issued if internal trace modul is used (see command T RVSX). The name of XOT Task subroutine that gets control is shown.
This message is for internal use only.

Messages of the XOT Worker Task

DF9J52I   (nn) *ORT/XXXX* DIALING X25NUM.##=??????????????

This message is issued when the rvs/XOT task sends an outgoing call packet to a partner station with the specified X.25 number.

DF9J59E   (nn) *ORT/XXXX* OFTP TASK ABEND ????, SID=??? DSN=????????????????

This message is issued by the rvs/XOT task when an OFTP task ABEND occurs.

DF9J61I (XX) *X-???*   text

This message is issued by XOT task and contains additional information about XOT interface.

> Wrong Parameters
> Allocation failed
> Open TCP/IP socket failed
> Set TCP/IP socket option failed
> Bind of TCP/IP socket failed
> TCP/IP listen failed
> TCP/IP accept failed
> TCP/IP receive failed
> TCP/IP connect failed
> TCP/IP socket close failed
> TCP/IP send failed
> TCP/IP gethostbyname failed
> X.25 wrong PacketType
> X.25 wrong called number
> X.25 wrong calling number
> Router Address not defined
> gethost failed
> wrong XOT header received
> not connected
> facilities were refused
> invalid facility values
> timeout occured
> called number unknown
> calling number unknown
> unknown error XXXXX

If X.25 causes and diagnostics are available for the message the message is extended by:

> (X.25 cause = XXX, X.25 diagnostic = XXX)

DF9J96I   (nn) *LOC/####* XOT-LISTENER IS RUNNING/????????????????????????

This message is issued by the rvs/XOT task in response to a Display (DS) command. The message shows the status of XOT listener (Sequencenumber x25. Address).

Messages of the SNA LU6.2 Control Task

DF9701I   rvs/APPC INITIALIZATION COMPLETE

This message is issued by the rvs/APPC task when initialization is complete.

DF9702I   rvs/APPC TERMINATION ????????

This message is issued by the rvs/APPC task when task termination has started or is complete.

DF9703E   rvs/APPC ABEND, CODE=   EP+   PSW=

> This message is issued by the rvs/APPC task when an abend occurs. The message shows the system abend code, the entry point of the program and the address where the abend occurred. When an abend occurs, task termination will be done after all subtasks have been terminated.

DF9704I   REGS 0-7 : xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
**   xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx**

> This message is issued by the rvs/APPC task when an abend occurs. The message shows the content of the registers 0 to 7 at the time of abend.

DF9705I   REGS 8-15 : xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx
**   xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx**

> This message is issued by the rvs/APPC task when an abend occurs. The message shows the content of the registers 8 to 15 at the time of abend.

DF9706E   ACB OPEN FAILED, ACB=   RSN=

> This message is issued by the rvs/APPC task when open of the ACB to use for VTAM communication fails. The message shows the ACB name, the reason code for open failure and an explanatory text. The APPC task will terminate when the ACB cannot be opened.

DF9707E   UNSOPPORTED VTAM VERSION, ACB=

> This message is issued by the rvs/APPC task when open of the ACB has completed and the ACB is checked for supported VTAM options. The ACB check routine found that the VTAM Function Vector List support was not present, indicating a VTAM release earlier than ACF/VTAM version 2. The rvs/APPC support requires ACF/VTAM version 3.2 or later.

DF9708E   NO VTAM APPC LU 6.2 SUPPORT, ACB=

> This message is issued by the rvs/APPC task when open of the ACB has completed and the ACB is checked for supported VTAM options. The ACB check routine found that the VTAM version used does not support APPC LU 6.2. The rvs/APPC support requires ACF/VTAM version 3.2 or later.

DF9709E   ACB CLOSE FAILED, ACB=   RSN=

> This message is issued by the rvs/APPC task when close of the ACB used for VTAM communication fails. The message shows the ACB name and the reason code for close failure. The rvs/APPC task will continue termination.

DF9710E   SETLOGON ????? FAILED, REASON=

> This message is issued by the rvs/APPC task when a VTAM SETLOGON request fails. The message shows the SETLOGON type (START/STOP) and the VTAM return code. The rvs APPC task will terminate if SETLOGON START is not successful.

DF9711E   ACB ???????? CANNOT BE USED FOR APPC COMMUNICATION,
**   RC/RCPRI/SEC=xxxx/xxxx/xxxx**

This message is issued by the rvs/APPC task when open of the ACB has completed and the ACB is checked for supported VTAM options. The ACB check routine found that the VTAM APPC support could not be used. In this message the VTAM return code and the primary and secondary return codes from an APPC verb are shown. Update the corresponding APPL statement in VTAM and include the keyword APPC=YES before activating the rvs APPC task again.

DF9712I   LOGON REJECT FOR LU=   , REASON=

This message is issued by the rvs/APPC task logon exit routine. A logon request was received but the request was rejected. The reject reason is shown in the message. Also indicated is the name of the Logical Unit (LU) that was rejected.

DF9713E   *F-sid* ACTSESS FAILED FOR ????????????????, RC(xxxx)SENSE(xxxx)

This message is issued by the rvs/APPC task manager routine. A VTAM APPCCMD ACTSESS was issued to accept a new session with the partner 'sid' indicated in the message but the request failed. In the message the VTAM return code and sense codes for the failing request are shown. Refer to VTAM programming manual for further information.

DF9714I   *F-sid' SESSION ACCEPT FOR LU=???????? MODE=????????

This message is issued by the rvs/APPC task manager routine when a session start was successful with partner 'sid'. The message also shows the partner LU name and the used mode name.

DF9715E   APPCCMD DACTSESS FAILED FOR ????????????????, RC(xxxx)SENSE(xxxx)

This message is issued by the rvs/APPC task manager routine. A VTAM APPCCMD DACTSESS was issued to reject a new session with the partner indicated in the message but the request failed. In the message the VTAM return and sense codes for the failing request are shown. Refer to VTAM programming manual for further information.

DF9716I   SESSION REJECT FOR LU=???????????????? MODE=????????, REASON:

This message is issued by the rvs/APPC task manager routine when a session start request has been received. The request to start a session is rejected due to the reason indicated in the message. The message also shows the qualified network name of the partner and the mode used.

DF9717W   APPCCMD CNOS FAILED FOR LU=???????? MODE=???????? RC(xxxx)SENSE(xxxx)

This message is issued by the rvs/APPC task manager routine. A VTAM APPCCMD CNOS request was issued to change the session limits to a partner node but the request failed. In the message is shown the VTAM return and sense codes for the failing request. Refer to VTAM programming manual for further information.

DF9718E   VTAM REQUEST FAILED, REQ=   REASON=   SENSE=

This message is issued by the rvs/APPC task manager when a VTAM request fails during request completion. The message shows the failing request and the VTAM return and reason code. Refer to VTAM programming manual for further information.
This message should normally never occur.

DF9719P   INFO FOR APPC CONTROL=???????? QUALIFY=????????

This message is issued by the rvs/APPC task manager routine when a VTAM request for APPC/LU 6.2 is done. The message shows the APPC command and qualifier.

DF9720P   (CONT) RCPRI/SEC=xxxx/xxxx

This message is issued by the rvs/APPC task manager routine. The message is issued as a continuation to a VTAM request info message for APPC/LU 6.2 support. The message shows the primary and secondary return codes and an associated text explanation.

DF9721P   PLU=???????? ???????? RSN=   ACT= LU=????????

This message is issued by the rvs/APPC task manager routine. The message is issued when a VTAM Attention exit is driven for the APPC support. The message indicates the primary LU (ACB) for which the exit was taken, the exit reason code and the logical unit (LU) that originated the exit.

Exit	Exit reason description
FMH5	An FMH-5 was received.
CNOS	A CNOS request was received.
LOSS	A session for a given partner/mode is taken down.

DF9722P   PLU=???????? ???????? RSN=xxxxxx(xx) ACT= LU=???????? CID=

This message is issued by the rvs/APPC task manager routine. The message is issued when a VTAM exit is driven in order to cause some action. The message indicates the primary LU (ACB) for which the exit was taken. Also indicated is the type of exit, reason codes if available and the secondary LU that originated the exit.

Exit:	Exit reason description
TPEND	RR0000(00) VTAM reason code for TPEND exit.
LOSTERM	RR0000(00) VTAM reason code for LOSTERM exit.
RELREQ	not available.
SCIP	RPLCNTDF,-DC,-SC (+UNB-TYPE) from read-only RPL.
DFASY	RPLCNTDF,-DC,-SC from exit read-only RPL.
NS-NSPE	RRSSSS(US): RR =VTAM reason code.
	SSSS =sense
	US =user sense byte 2.
NS-NOTFY	RRSSSS(US): same as NSPE.
NS-CLEAN	RR0000(00): same as NSPE.

ACT: (recommended action)
      01   ignore, processing is done in the exit.
      02   inhibit further sessions.
      03   close ACB.

DF9723P   PLU=???????? ???????? RSN=xxxxxx(xx) ACT= LU=????????, CID=

This message is issued by the rvs/APPC task manager routine. The message is the same as the previous except for the exit reason being edited into character format in case of SCIP and DFASY exit types.

DF9724P   CNOS REQ FROM ???????? MODE=???????? ???, LIMITS=

This message is issued by the rvs/APPC task manager routine. A CNOS request was received from the indicated partner LU. In the message is shown the corresponding mode name and the session limits negotiated. Also shown is whether the request was accepted or rejected. A request is rejected if no station could be found for the parter/mode combination.

DF9725P   LOSS REQ FROM ???????? MODE=???????? ???

This message is issued by the rvs/APPC task manager routine. A LOSS request was received from the indicated partner LU. The LOSS request is received when the last session for the indicated mode nmae is terminated. Also shown is whether the request was accepted or rejected. A request is rejected if no station can be found for the parter/mode combination.

DF9726P   FMH5 REQ FROM ???????? MODE=???????? ???

This message is issued by the rvs/APPC task manager routine. A FMH5 request was received from the indicated partner LU. The FMH5 request is received when a new conversation is requested from a partner. Also shown is whether the request was accepted or rejected. A request is rejected if no station can be found for the parter/mode combination.

**DF9727W   APPCCMD DEFINE FAILED FOR LU=???????? MODE=???????? RC(xxxx)
           SENSE(xxxx)**

This message is issued by the rvs/APPC task manager routine. A VTAM APPCCMD DEFINE request was issued to define the session limits to a partner node but the request failed. In the message is shown the VTAM return and sense codes for the failing request. Refer to VTAM programming manual for further information.

DF9728W   SPECIFIED STATION ??? ??????????????

This message is issued by the rvs/APPC task when a command refering to a station is used. Either the station could not be found, the station was already active (for Activate command) or the station was not active.

DF9729I   OK

This message is issued by the rvs/APPC task in response to a command that has been accepted and executed.

DF9730I   SESSION LIMIT nnn REACHED FOR STATION ???

This message is issued by the rvs/APPC task in response to an Activate station command. The command cannot be honored as no more sessions are allowed to the station.

DF9731I   ACTIVATION REJECTED FOR ???, MODE CLOSED

This message is issued by the rvs/APPC task in response to an Activate station command. The command cannot be honored as the partner station has closed the mode used for sessions.

DF9732I   ACTIVATION REJECTED FOR ???, BUSY

This message is issued by the rvs/APPC task in response to an Activate station command. The command cannot be honored as session negotiation is being done for the station.

DF9733E   ERROR DURING VTAM RPL PROCESSING

This message is issued by the rvs/APPC task manager routine. A VTAM APPCCMD request has been issued but during completion of the request, a logical error occurred. The RPL used for the request is not usable and the RPL will be skipped.
This message should never occur.

DF9734E   APPCCMD RCVFMH5 FAILED FOR ???????? ????????, RC(xxxx) SENSE(xxxx)

This message is issued by the rvs/APPC task manager routine. The APPCCMD RCVFMH5 was issued to read a received function management header type 5 but the request failed. The FM Header type 5 represents an allocation request from a network partner. In the message is shown the VTAM return and sense codes for the failing request. Refer to VTAM programming manual for further information.

DF9735E   APPCCMD RECEIVE FAILED FOR ???????? ????????, RC(xxxx)SENSE(xxxx)

This message is issued by the rvs/APPC task manager routine. The APPCCMD RECEIVE was issued to read data but the request failed. In the message is shown the VTAM return and sense codes for the failing request. Refer to VTAM programming manual for further information.

DF9736E   APPCCMD DEALLOC FAILED FOR ???????? ????????, RC(xxxx)SENSE(xxxx)

This message is issued by the rvs/APPC task manager routine. The APPCCMD DEALLOC was issued to close a conversation with a partner node but the request failed. In the message is shown the VTAM return and sense codes for the failing request. Refer to VTAM programming manual for further information.

DF9737E   APPCCMD SEND/CONF/FLUSH FAILED FOR ????????? ??????,
RC(^^^^) SENSE(^^^^)

This message is issued by the rvs/APPC task manager routine. An APPCCMD SEND with CONFIRM or FLUSH option was issued in order to flush the send buffer and get an acknowledgement from the partner but the request failed. In the message is shown the VTAM return and sense codes for the failing request. Refer to VTAM programming manual for further information.

DF9738I   rvs/APPC ACTIVE, ACB=????????, CSS=nnnn CCV=nnnn FSS=nnnn PCV=nnnn

This message is issued by the rvs/APPC task in response to a Display (DS) LU62 or LU62,ALL command. The message shows the ACB-name used by the APPC task and the number of sessions (CSS) and conversations (CCV) currently active. Also shown is the number of unused sessions (FSS) and the pending conversations (local attached driver subtask - PCV)

DF9739I   SID=??? P=? LU=???????? MODE=???????? CURS=nnn MAXS=nnn CONV=nnn
F=xx SESL=xxxxxxxxxxxxx

This message is issued by the rvs/APPC task in response to a Display (DS) LU62,ANT command. The message shows an entry in the Node Table. In the message is shown the station id, the priority used and the associated LU-name and Mode name, the current number of sessions, the maximum allowed number of sessions and the current number of conversations using this LU/Mode conbination. Also shown is the current value of the session limit structure. Note that the maximum number of sessions is twice the value specified for the station in rvs parmlib. This is because each file transfer session requires two APPC sessions.

DF9740I   `*d-sid int_cid* st1 st2, PRIO=p LU=???????? MODE=????????`

This message is issued by the rvs/APPC task in response to a Display (DS) LU62 command. The message shows information for an APPC Conversation Driver with the priority 'p'. In the message is shown

d   the transfer direction (S: send, R: receive)
sid   the partner station id
int_cid   the internal conversation id (created by the LU62 control task)
st1 st2   state informations
and the LU/Mode name combination used for the APPC conversations.

DF9741I   `TYP=??????  SYL=????  PGM=???????? TRACE=?`

This message is issued by the rvs/APPC task in response to a Display (DS) LU62,ALL command. The message shows information for an APPC Conversation Driver. In the message is shown the conversation typ, the synclevel and the the name of the file server program. Also shown is whether trace is active (A) or not (I).

DF9742E   `INVALID COMMAND PARAMETER`

This message is issued by the rvs/APPC task when an invalid parameter to a used command is detected.

DF9744I   `*F-sid* SESSION REQ ACCEPT FOR LU=???????????????? MODE=????????`

This message is issued by the rvs/APPC task manager routine when a session start request has been received. The request to start a session is accepted. The message also shows the qualified network name of the partner 'sid' and the mode name to use.

DF9745I   `*F-sid* ACTIVATION REJECTED, LU=???????? MODE=???????? INACTIVE`

This message is issued by the rvs/APPC task in response to an Activate station command. The command cannot be honored as session negotiation is being done for the station.

DF9746I   `*F-sid* ACTIVATION REJECTED, PRIO=???????? FOR LU=???????? NOT`
                `DEFINED, RESET TO LOW.`

This message is issued by the rvs/APPC task in response to a command 'A sid,PRIO=xxxxxx', but this prio isn't defined in the logmode table. Prio will be reduced to PRIO=LOW.

DF9780P   `*F-???* LU=???????? ANTEFLAG=¬¬ PRG=name`
DF9790P   `*F-???* L=???????? N=???????? M=???????? G=¬¬¬¬¬¬¬¬ P=??????????`
                `C=???????? Q=????????`
DF9791P   `*F-???* L=???????? M=???????? L=¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬`

Messages DF9780P until DF9791P are for error detection only. They are not in effect for users purpose.

DF9799P   ????????

This message is issued by the rvs/APPC control task trace routine. Shown is the name of control task subroutine which gets control.
For internal use only.

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Messages of the SNA LU 6.0 Session Handler task

DF9900I   *R-sid mn* SUBTASK STARTED FOR LU lu INIT=xx

The receive module has been started to support session 'mn' to station 'sid' (logical unit 'lu').
xx = 40   by OPENSEQ   after receiving a bind request
    = 80   by OPENDST AQUIRE   after entering 'A-sid'
    = A0   by SIMLOGON
    = C0   by OPENDST ACCEPT   after receiving a logon request

DF9901E   *R-sid mn* INVALID SESSION INITIALIZATION PARAMETER

The calling program passed an invalid initialization module to the receive module (see message df9900I).

DF9902I   *R-sid mn* ⎰SESSION ESTABLISHED FOR LU=lu CID=cid⎱
⎱SDT REC. SESSION OK   ⎰
⎱OPENSEC OK   ⎰

The session 'mn' to the logical unit 'lu' with CID=cid has been established. In case of a primary logical unit this message occures two times:
- the first time with the text 'OPENSEC OK' (session established, but no data traffic is possible at this time)
- the second time with the text 'SDT REC. SESSION OK' (now data may be exchanged).

This message is also displayed if a clear command has been received.

DF9903E   *R-sid mn* LU lu macro FAILED RTCD=xx-yy FDBK2=zz REQ=rr
SS=ssss US=uuuu ADR=aaaa

The VTAM macro 'macro' for supporting the logical unit 'lu' ended with failure. For a description of the codes
        xx   (register 15),
        yy   (register 0),
        zz   (feedback code),
        rr   (request code),
        ssss   (system sense code)
        uuuu   (user sense code, see the related section in this manual)
        aaaa   specifies the displacement (in bytes) to the beginning of the receive module.

(see Advanced Communication Function for VTAM Programming)

DF9904I   *R-sid mn* SESSION TERMINATED FOR LU=lu

The session 'mn' to the logical unit 'lu' terminated.

DF9905P   *R-sid mn* TRACE STOPPED - ALLOCATION ERROR

The trace for session 'mn' to station 'sid' has been stopped by the rvs monitor, because the output data set for this trace could not be allocated.

DF9906P   *R-sid mn* BINDAREA bindarea

The BIND parameter, used by establishing session 'mn' to station 'sid', are listed.

DF9909P   *R-sid mn* SESSION NOT YET ESTABLISHED - TRY LATER

One of the commands 'M sid' 'Q sid' or 'R sid' has been entered. The execution of these commands requires an active operator session to station 'sid'. The activation of the operator session has been already initialized (i.e. by using the command 'A sid,O') but the session could not be established. The entered command will be ignored and can be entered again after activation of the operator session.

DF9910E   *R-sid mn* SESSION COULD NOT BE ESTABLISHED

The requested session could not be established (no response to a BIND-request).

$$
\textbf{DF9911E}\quad \textbf{*R-sid mn* LU=luname} \begin{cases} \textbf{NOT FOUND} \\ \textbf{NOT ACTIVE} \\ \textbf{REJECTED} \end{cases} \textbf{xx-yy\quad ssss}
$$

The connection to the logical unit 'luname' could not be established. For a description of return code 'xx', feedback code 'yy' and system sense code 'ssss' see Advanced Communication Function for VTAM Programming.

NOT FOUND	a logical unit this name is not defined
NOT ACTIVE	the logical unit is not active
REJECTED	the logical unit dis not accept the BIND request

If there is more than one logical unit defined for station 'sid' rvs tries to establish a session to the next logical unit.

DF9915P   *R-sid mn*rplname* ACTIVE AFTER SESSION TERMINATION

During termination of a session was encountered that there is at least one VTAM RPL signed as 'active', that means, an earlier request (send- receive- or session control request) directed from rvs to VTAM could not be terminated by VTAM. 'rplname' indicates the RPL which is still active. 'rplname' may be one of the following names: OPCRPL, SNDRPL1, SNDRPL2, RECRPL or SESSRPL.
In case of the RPL could not signed as inactive in at least 10 minutes by VTAM the session task terminates with the rvs User Abend 995.

DF9916E   *R-sid mn* RPL ALREADY ACTIVE ON request

The receive module ended, but one RPL within this module is still active (a VTAM macro did not yet complete).

DF9917E   *R-sid mn* INVALID PASSWORD RECEIVED

The password received from the remote station is not equal to the expected password specified within your stations table. Session has been rejected.

DF9918E   *R-sid mn* PASSWORD RECVED BUT NO EXCHANGE DEFINED

A password has been received from the remote station but password exchange has not been defined.

DF9919E   *R-sid mn* PASSWORD EXCHANGE REQUESTED BY REMOTE STATION

Session rejected. Password exchange is neccessary to establish a session with the remote station.

DF9920E   *R-sid mn* NO PASSWORD EXCHANGE DEFINED

The remote station received your password but password exchange is not defined at the remote station. Session has been rejected.

DF9921E   *R-sid mn* PASSWORD NOT ACCEPTED

Session rejected. Password has not been accepted by the remote station.

DF9923P   * F-sid mn* CALL OF EXIT DFUX002, USERID=????????

An rvsWIN user with USERID=???????? tries to logon to rvs. The exit DFUX002 is called in order to validate the access to rvs/MVS.

DF9931P   PFxx command

Display default PF key settings (PFKEYS member).

DF9996E   * F-sid mn* PFxx --- command

Display actual PF key settings.

Messages of the OFTP2 Security Control Task

DFN301P   (XX) OFTP2 ENCR. STARTED VERS=????????

This message is issued when an encryption task has been started.

XX   -   encryption task number
????????   -   encryption task version

DFN302P   (XX) OFTP2 ENCRYPTION TASK ENDED

This message is issued when an encryption task has been terminated.

XX   -   encryption task number

DFN303P   (XX) OFTP2 ENCR. SID=sid VDSN=datasetname

This message is issued after an encryption task has been started. It shows the corresponding station ID and virtual dataset name.

XX   -   encryption task number
sid   -   station ID
datasetname -   virtual dataset name

DFN306P   (XX) SECURITY FUNCTION ENDED SUCCESSFULLY

This message is issued if the encryption function has been ended without errors.

XX   -   encryption task number

DFN307E   (XX) SECURITY FUNCTION FAILED RC=######## (DEC)

This message is issued if the encryption function has failed.

XX   -   encryption task number
########   -   internal error number of the security function. For mor information
refer description of internal error numbers

DFN308E   (XX) ??

This message shows a description of the error number of message DFN307E.

XX   -   encryption task number

DFN309E   (XX) ERRNO=########

This message shows the ERRNO the system returns in case of errors.

XX   -   encryption task number
########   -   the ERRNO

DFN310E   (XX) ??

This message shows a description of the ERRNO of message DFN309E.

XX   -   encryption task number

DFN311E   (XX) INVALID CODE TRANSLATIONTABLE USED, CODETRNS=????????

This message is issued if a code translation table was configured but could not be found.

XX   -   encryption task number
????????   -   the used code translationtable

DFN312E   (XX) REMOTE STATION ID (???) NOT FOUND IN STATION TABLE

This message is issued if the station ID for which the encryption was started could not be found in station table.

XX   -   encryption task number
???   -   the station ID

DFN313E   (XX) CRYPTLIB ERROR NUMBER=######## (DEC)

This message is issued if the encryption function has failed.

XX   -   encryption task number

########   -   internal error number of the security function library (cryptlib). For more information refer description of cryptlib error numbers

DFN314E   **(XX) ???????????????????????????????????????**

This message shows a description of the error number of message DFN313E.

XX   -   encryption task number

DFN315E   **(XX) SEND REQUEST NO LONGER AVAILABLE. PROCESSING STOPPED**

This is issued if an encryption was started but the corresponding record is not longer available in the control dataset. Probably it was already processed by another task.

XX   -   encryption task number

DFN316E   **(XX) SEND REQUEST DELETED BY OPERATOR**

This message is issued if the encryption task was deleted by operator command.

XX   -   encryption task number

DFN340E   **(XX) ??X
??'**

This message is issued if a HSM (PKCS#11 Interface) error occurs. Detailed description see below (HSM (PKCS#11) error codes).

XX   -   encryption task number

DFN350E   **(XX) ???????????????????????????????????????X
???'**

This message is issued if a ICSF error occurs. You get information about returncode and reason.

XX   -   encryption task number

DFN360E   **(XX) ??X
??'**

This message is issued if a GSK (Global Security Kit) error occurs. You get information about the status of this call.

XX   -   encryption task number

DFN370E   **(XX) ??X
??'**

This message is issued if a PKCS#11 IF error occurs. You get information about the error according PKCS#11error values.

XX   -   encryption task number

DFV301P   **(XX) OFTP2 DECR. STARTED VERS=????????**

This message is issued when a decryption task has been started.

XX   -   decryption task number
????????   -   decryption task version

DFV302P   (XX) OFTP2 DECRYPTION TASK ENDED

This message is issued when a decryption task has been terminated.

XX   -   decryption task number

DFV303P   (XX) OFTP2 DECR. SID=sid VDSN=datasetname

This message is issued after a decryption task has been started. It shows the corresponding station ID and virtual dataset name.

XX   -   decryption task number
sid   -   station ID
datasetname -   virtual dataset name

DFV306P   (XX) SECURITY FUNCTION ENDED SUCCESSFULLY

This message is issued if the decryption function has been ended without errors.

XX   -   decryption task number

DFNV07E   (XX) SECURITY FUNCTION FAILED RC=######## (DEC)

This message is issued if the decryption function has failed.

XX   -   decryption task number
########   -   internal error number of the security function. For mor information
                               refer description of internal error numbers

DFV308E   (XX) ??

This message shows a description of the error number of message DFV307E.

XX   -   encryption task number

DFV309E   (XX) ERRNO=########

This message shows the ERRNO the system returns in case of errors.

XX   -   decryption task number
########   -   the ERRNO

DFV310E   (XX) ??

This message shows a description of the ERRNO of message DFV309E.

XX   -   decryption task number

DFV311E   (XX) INVALID CODE TRANSLATIONTABLE USED, CODETRNS=????????

This message is issued if a code translation table was configured but could not be found.

XX   -   decryption task number
????????   -   the used code translationtable

DFV312E   (XX) REMOTE STATION ID (???) NOT FOUND IN STATION TABLE

This message is issued if the station ID for which the decryption was started could not be found in station table.

XX   -   decryption task number
???   -   the station ID

DFV313E   (XX) CRYPTLIB ERROR NUMBER=######## (DEC)

This message is issued if the decryption function has failed.

XX   -   decryption task number
########   -   internal error number of the security function library (cryptlib). For
                            more information refer description of cryptlib error numbers

DFV314E   (XX) ??

This message shows a description of the error number of message DFV313E.

XX   -   decryption task number

DFV315E   (XX) RECEIVE REQUEST NO LONGER AVAILABLE. PROCESSING STOPPED

This is issued if a decryption was started but the corresponding record is not longer available in the control dataset. Probably it was already processed by another task.

XX   -   decryption task number

DFV316E   (XX) COULD NOT ALLOCATE OUTPUT DATASET

This message is issued if the allocation of the output dataset failed.

XX   -   decryption task number

DFV317E   (XX) UNALLOCATION ERROR

This message is issued if the unallocation of the output dataset failed.

XX   -   decryption task number

**DFV340E   (XX) ???X
              ??'**

This message is issued if a HSM (PKCS#11 Interface) error occurs. Detailed description see below (HSM (PKCS#11) error codes).

XX   -   encryption task number

DFV350E   (XX) ???X

```
????????????????????????????????????????????????????????'
```

This message is issued if a ICSF error occurs. You get information about returncode and reason.

XX   -   encryption task number

DFV360E   (XX) `???????????????????????????????????????X`
             `????????????????????????????????????????????????????'`

This message is issued if a GSK (Global Security Kit) error occurs. You get information about the status of this call.

XX   -   encryption task number

DFV370E   (XX) `????????????????????????????????????????X`
             `???????????????????????????????????????????????????'`

This message is issued if a PKCS#11 IF error occurs. You get information about the error according PKCS#11error values.

Messages of the SNMP Trap Mng Task DF031D

DFD101P (XX) SNMPD TRAP MNG TASK STARTED,VERS=??????????????????????????????????

> This message is issued by the SNMP task when
> Task initialization is complete. The level of the program is shown.

DFD102P (XX) SNMPD TRAP MNG TASK ENDED

> This message is issued when SNMP Task ended.

DFD043P (XX) SNMPD TRAP MNG TASK STARTED DF031Y TASK

> This message is issued when the Subtask was started.

DFD044P (XX) SNMPD TRAP MNG TASK STOPED DF031Y TASK

> This message is issued when the Subtask is stopped.

DFD045P (XX) SNMPD TRAP MNG TASK CANCELED DF031Y TASK

> This message is issued when the Subtask is canceled.

DFD046P (XX) SNMPD TRAP MNG TASK BREAKING DF031Y TASK

> This message is issued when the Subtask is stopped with break.

DFD047P (XX) SNMPD TRAP MNG TASK STOPED DF031Y TASK

> This message is issued when the Subtask has detached.

DFD048W (XX) DELAYED SEND TRANSMISSIONS: ######## MISSING EERPS: ######## FOR ##### HOURS

> This message is issued once in an hour when parameter SNMPDLAY in CNTL is set and
> delayed send transmissions were found.
> first counter relates to transmissions not yet started,
> second counter relates to missing end to end responses.

DFD049W (XX) DELAYED SEND TRANSM IN STATE ???: ?? ??? ?????
**   ????????????????????????????????????? ????? ???????'**

> This message is issued for each delayed send transmission, when LIST
> option of parameter SNMPDLAY is set.
> shown variables:
> state of transmission as shown in panel ('   '/'EWR')
> record type of KD record ('AS'= active send/'CS'= completed send)
> partner station
> vdsn
> queueing date
> queueing time

Example: DFD049W DELAYED SEND TRANSM IN STATE EWR: CS BK2
FIX0BKR.A.T100.TEXT125   14064 1553360
EWR:

Messages of the SNMP Receive Task DF031E

DFE101P (XX) SNMPE RECEIVE TASK STARTED,VERS=????????????????????????????????

> This message is issued by the SNMP task when
> Task initialization is complete. The level of the program is shown.

DFE102P (XX) SNMPE RECEIVE TASK ENDED

> This message is issued when SNMP Task ended.

DFE103E (XX) GETHOSTID FAILED, ERROR=#####

> This message is issued when gethostid fails.

DFE104E (XX) BIND SOCKET FAILED, ERRNO=#####, ADDRESS=###.###.###.## PORT=#####

> This message is issued when bind socket fails.

DFE105E (XX) GET SOCKET FAILED, ERROR=##### ERRNO=#####

> This message is issued when bind socket fails.

DFE106E (XX) INITAPI FAILED, ERRNO=#####

> This message is issued when initapi fails. The snmp task is terminated after this event.
> Possibly, the TCP/IP configuration of SNMP is not correct.

DFE107E (XX) API MODULE COULD NOT BE LOADED

> This message is issued when api module could not be loaded.

DFE109E (XX) SHUTDOWN CONNECTION FAILED, ERROR=##### ERRNO=#####

> This message is issued when shutdown fails

DFE110E (XX) CLOSE SOCKET FAILED, ERROR=##### ERRNO=#####

> This message is issued when close fails.

DFE112E (XX) GETHOST BY NAME FAILED RC=##### DNS NAME=????????????????????????

> This message is issued when Get Host by Name fails.

DFE113P (XX) GETHOST BY NAME RETURNED ###.###.###.### FOR LOCAL SOCKET

> This message is issued when Get Host by Name succeeded for own name.

DFE143P (XX) SNMPE TRAP MNG TASK STARTED DF031X TASK

> This message is issued when the Subtask was started.

DFE144P (XX) SNMPE TRAP MNG TASK STOPED DF031X TASK

> This message is issued when the Subtask is stopped.

DFE145P (XX) SNMPE TRAP MNG TASK CANCELED DF031X TASK

> This message is issued when the Subtask is canceled.

DFE146P (XX) SNMPE TRAP MNG TASK BREAKING DF031X TASK

      This message is issued when the Subtask is stopped with break.

DFE147P (XX) SNMPE TRAP MNG TASK DETACHED DF031X TASK

      This message is issued when the Subtask has detached.

DFE148P (XX) SNMPE TRAP MNG TASK STOPED DF031Z TASK

      This message is issued when the Subtask is stopped.

DFE149P (XX) SNMPE TRAP MNG TASK CANCELED DF031Z TASK

      This message is issued when the Subtask is canceled.

DFE150P (XX) SNMPE TRAP MNG TASK BREAKING DF031Z TASK

      This message is issued when the Subtask is stopped with break.

DFE151P (XX) SNMPE TRAP MNG TASK DETACHED DF031Z TASK

      This message is issued when the Subtask has detached.

DFE152P (XX) SNMPE TRAP MNG TASK STARTED DF031Z TASK

      This message is issued when the Subtask was started.

Messages of the SNMP Receive Task DF031X

DFX101P (XX) SNMPX RECEIVE TASK STARTED,VERS=??????????????????????????????????

> This message is issued by the SNMP task when
> Task initialization is complete. The level of the program is shown.

DFX102P (XX) SNMPX RECEIVE TASK ENDED

> This message is issued when SNMP Task ended.

DFX103E (XX) GETHOSTID FAILED, ERROR=#####

> This message is issued when gethostid fails.

DFX104E (XX) BIND SOCKET FAILED, ERRNO=#####, ADDRESS=###.###.###.## PORT=#####

> This message is issued when bind socket fails.

DFX105E (XX) GET SOCKET FAILED, ERROR=##### ERRNO=#####

> This message is issued when bind socket fails.

DFX106E (XX) INITAPI FAILED, ERRNO=#####

> This message is issued when initapi fails. The snmp task is terminated after this event.
> Possibly, the TCP/IP configuration of SNMP is not correct.

DFX107E (XX) API MODULE COULD NOT BE LOADED

> This message is issued when api module could not be loaded.

DFX108E (XX) RECEIVE MESSAGE FAILED, ERRNO=#####

> This message is issued when receive fails.

DFX109E (XX) SHUTDOWN CONNECTION FAILED, ERROR=##### ERRNO=#####

> This message is issued when shutdown fails

DFX110E (XX) CLOSE SOCKET FAILED, ERROR=##### ERRNO=#####

> This message is issued when close fails.

DFX112E (XX) GETHOST BY NAME FAILED RC=##### DNS NAME=?????????????????????

> This message is issued when Get Host by Name fails.

DFX113P (XX) GETHOST BY NAME RETURNED ###.###.###.### FOR LOCAL SOCKET

> This message is issued when Get Host by Name succeeded for own name.

DFX114P (XX) GETHOST BY NAME RETURNED ###.###.###.### FOR PARTNER

> This message is issued when Get Host by Name succeeded for partner name.

DFX143P (XX) SNMPX TRAP MNG TASK STOPED DF031X TASK

> This message is issued when the Task was stopped.

DFX144P (XX) SNMPX TRAP MNG TASK CANCELED DF031X TASK

>   This message is issued when the Task was cancelled.

DFX145P (XX) SNMPX TRAP MNG TASK BREAKING DF031X TASK

>   This message is issued when the Task was stopped with break.

Messages of the SNMP Trap Send Task DF031Y

DFY101P (XX) SNMPY TRAP SEND TASK STARTED,VERS=???????????????????????????????

>   This message is issued by the SNMP task when
>   Task initialization is complete. The level of the program is shown.

DFY102P (XX) SNMPY TRAP SEND TASK ENDED

>   This message is issued when SNMP Task ended.

DFY103E (XX) GETHOSTID FAILED, ERROR=#####

>   This message is issued when gethostid fails.

DFY104E (XX) BIND SOCKET FAILED, ERRNO=#####, ADDRESS=###.###.###.## PORT=#####

>   This message is issued when bind socket fails.

DFY105E (XX) GET SOCKET FAILED, ERROR=##### ERRNO=#####

>   This message is issued when bind socket fails.

DFY106E (XX) INITAPI FAILED, ERRNO=#####

>   This message is issued when initapi fails. The snmp task is terminated after this event.
>   Possibly, the TCP/IP configuration of SNMP is not correct.

DFY107E (XX) API MODULE COULD NOT BE LOADED

>   This message is issued when api module could not be loaded.

DFY108E (XX) SEND MESSAGE FAILED, ERRNO=#####

>   This message is issued when send fails.

DFY109E (XX) SHUTDOWN CONNECTION FAILED, ERROR=##### ERRNO=#####

>   This message is issued when shutdown failes

DFY110E (XX) CLOSE SOCKET FAILED, ERROR=##### ERRNO=#####

>   This message is issued when close fails.

DFY112E (XX) GETHOST BY NAME FAILED RC=##### DNS NAME=????????????????????????

>   This message is issued when Get Host by Name fails.

DFY113P (XX) GETHOST BY NAME RETURNED ###.###.###.### FOR LOCAL SOCKET

>   This message is issued when Get Host by Name succeeded for own name.

DFY114P (XX) GETHOST BY NAME RETURNED ###.###.###.### FOR PARTNER

>   This message is issued when Get Host by Name succeeded for partner name.

DFY144P (XX) SNMPY TRAP MNG TASK STOPED DF031Y TASK

>   This message is issued when the Task was stopped.

`DFY145P  (XX) SNMPY TRAP MNG TASK CANCELED DF031Y TASK`

This message is issued when the Task was cancelled.

`DFY146P  (XX) SNMPY TRAP MNG TASK BREAKING DF031Y TASK`

This message is issued when the Task was stopped with break.

Messages of the SNMP Send Task DF031Z

DFZ101P (XX) SNMPZ SEND TASK STARTED,VERS=?????????????????????????????????

        This message is issued by the SNMP task when
        Task initialization is complete. The level of the program is shown.

DFZ102P (XX) SNMPZ SEND TASK ENDED

        This message is issued when SNMP Task ended.

DFZ103E (XX) GETHOSTID FAILED, ERROR=#####

        This message is issued when gethostid fails.

DFZ104E (XX) BIND SOCKET FAILED, ERRNO=#####, ADDRESS=###.###.###.## PORT=#####

        This message is issued when bind socket fails.

DFZ105E (XX) GET SOCKET FAILED, ERROR=##### ERRNO=#####

        This message is issued when bind socket fails.

DFZ106E (XX) INITAPI FAILED, ERRNO=#####

        This message is issued when initapi fails. The snmp task is terminated after this event.
        Possibly, the TCP/IP configuration of SNMP is not correct.

DFZ107E (XX) API MODULE COULD NOT BE LOADED

        This message is issued when api module could not be loaded.

DFZ108E (XX) SEND MESSAGE FAILED, ERRNO=#####

        This message is issued when send fails.

DFZ109E (XX) SHUTDOWN CONNECTION FAILED, ERROR=##### ERRNO=#####

        This message is issued when shutdown failes

DFZ110E (XX) CLOSE SOCKET FAILED, ERROR=##### ERRNO=#####

        This message is issued when close fails.

DFZ112E (XX) GETHOST BY NAME FAILED RC=##### DNS NAME=????????????????????????

        This message is issued when Get Host by Name fails.

DFZ113P (XX) GETHOST BY NAME RETURNED ###.###.###.### FOR LOCAL SOCKET

        This message is issued when Get Host by Name succeeded for own name.

DFZ114P (XX) GETHOST BY NAME RETURNED ###.###.###.### FOR PARTNER

        This message is issued when Get Host by Name succeeded for partner name.

DFZ144P (XX) SNMPZ TRAP MNG TASK STOPED DF031Y TASK

        This message is issued when the Task was stopped.

DFZ145P (XX) SNMPZ TRAP MNG TASK CANCELED DF031Y TASK

> This message is issued when the Task was cancelled.

DFZ146P (XX) SNMPZ TRAP MNG TASK BREAKING DF031Y TASK

> This message is issued when the Task was stopped with break.

OFTP2 internal error codes

Error code	Alias	Description
4100001	KERNIE_OPERATOR_STOP	The processing was interupted by operator command
4111001	KERNIE_IO_ INVALID_OUTPUT_ RECBLKLENGTH	The record length of allocated output dataset is invalid. Please verify the allocation parameter. The record length must be greater than 0.
4111002	KERNIE_IO_ INVALID_INPUT_ RECBLK_LENGTH	The record length of allocated input dataset is invalid. Please verify the dataset parameter. The record length must be greater than 0.
4111003	KERNIE_IO_ OPEN_INPUT_FILE_FAILED	The input dataset couldn't be opened. Read the ERRNO for more information.
4111004	KERNIE_IO_ OPEN_OUTPUT_FILE_FAILED	The output dataset couldn't be opened. Read the ERRNO for more information.
4111005	KERNIE_IO_ CLOSE_INPUT_FILE_FAILED	The input dataset couldn't be closed. Read the ERRNO for more information.
4111006	KERNIE_IO_ CLOSE_OUTPUT_FILE_FAILED	The output dataset couldn't be closed. Read the ERRNO for more information.
4111007	KERNIE_IO_ RECORD_WRITE_FAILURE	Couldn't write the complete record to the output dataset. Read the ERRNO for more information.
4111008	KERNIE_IO_ RECORD_READ_FAILURE	Couldn't read a record from the input dataset. Read the ERRNO for more information.
4111009	KERNIE_IO_ ILLEGAL_LAST_V_ RECORDLENGTH	The length of the last record is invalid for the chosen dataset.
4111010	KERNIE_IO_ ILLEGAL_READ_V_ RECORDLENGTH	The length of the read record exceeds the maximum record length.
4111011	KERNIE_IO_ MALLOC_FAILED_FOR_DYN_T	Couldn't obtain memory for dataset allocation.
4111012	KERNIE_IO_ DYNINIT_FAILED	Couldn't initialize dataset allocation.
4111013	KERNIE_IO_ DYNALLOC_FAILED	Couldn't allocate output dataset.
4111014	KERNIE_IO_ DYNFREE_FAILED	Couldn't free memory used for dataset allocation.
4111015	KERNIE_IO_ INPUT_FILE_FLDATA_FAILED	Couldn't obtain allocation attributes from input dataset. Read the ERRNO for more information.
4111016	KERNIE_IO_ OUTPUT_FILE_FLDATA_ FAILED	Couldn't obtain allocation attributes from output dataset. Read the ERRNO for more information.
4111017	KERNIE_IO_ GET_SIZE_RECORD_ READ_FAILURE	Couldn't read record size information from input dataset. The dataset is probably corrupted.
4111018	KERNIE_IO_ ALLOC_ZERO_RECLEN	The allocation of the output dataset returned a zero record length. Please check the allocation parameter.
4111019	KERNIE_IO_ UNKNOWN_OUTPUT_RECFM	The requested record format for the output dataset is not supported. Please check the allocation parameter.
4111020	KERNIE_IO_ ILLEGAL_WRITE_ TEXTRECORDLENGTH	An illegal record was detected in text mode. The record exceeded the maximum record size, allowed for the dataset.
4111021	KERNIE_IO_ RECORD_WRITE_ FAILURE_FLUSH	The last record couldn't be written completely. Read the ERRNO for more information.
4116001	KERNIE_CERTMGMT_ ZERO_ARRAY_POINTER_ IN_GET_CERT_ARRAY	Internal error.
4116002	KERNIE_CERTMGMT_ COULD_NOT_GET_CERT_ LENGTH_IN_GET_ CERT_ARRAY	Couldn't read certificate information. The certificate is probably corrupted.

4116003	KERNIE_CERTMGMT_ INVALID_CERT_LENGTH_ IN_GET_CERT_ARRAY	The size of the requested certificate is wrong. The certificate is probably corrupted.
4116004	KERNIE_CERTMGMT_ NO_MEMORY_FOR_CERT_ ARRAY_IN_GET_ CERT_ARRAY	Couldn't obtain enough memory for the requested certificate.
4116005	KERNIE_CERTMGMT_ COULD_NOT_READ_CERT_ IN_GET_CERT_ARRAY	Couldn't read the certificate. The certificate is probably corrupted.
4116006	KERNIE_CERTMGMT_ MISSING_PARAMETER_ STRUC_IN_FILL_CERT_ATTR	Internal error.
4116007	KERNIE_CERTMGMT_ COULD_NOT_SET_ SUBJECTPUBLICKEYINFO	Couldn't set the public key into the certificate or certificate request. Read cryptlib error code for more information.
4116008	KERNIE_CERTMGMT_ COULD_NOT_SET_ COUNTRYNAME	Couldn't set the country name into the certificate or certificate request. Read cryptlib error code for more information.
4116009	KERNIE_CERTMGMT_ COULD_NOT_SET_ ORGANIZATIONNAME	Couldn't set the organization name into the certificate or certificate request. Read cryptlib error code for more information.
4116010	KERNIE_CERTMGMT_ COULD_NOT_SET_ ORGANIZATIONALUNITNAME	Couldn't set the organizational unit name into the certificate or certificate request. Read cryptlib error code for more information.
4116011	KERNIE_CERTMGMT_ COULD_NOT_SET_ STATEORPROVINCENAME	Couldn't set the state or province name into the certificate or certificate request. Read cryptlib error code for more information.
4116012	KERNIE_CERTMGMT_ COULD_NOT_SET_ LOCALITYNAME	Couldn't set the locality name into the certificate or certificate request. Read cryptlib error code for more information.
4116013	KERNIE_CERTMGMT_ COULD_NOT_SET_ COMMONNAME	Couldn't set the common name into the certificate or certificate request. Read cryptlib error code for more information.
4116014	KERNIE_CERTMGMT_ COULD_NOT_SET_KEYUSAGE	Couldn't set the key usage into the certificate or certificate request. Read cryptlib error code for more information.
4116015	KERNIE_CERTMGMT_ COULD_NOT_SET_ EXTKEY_SERVERAUTH	Couldn't set extended key usage server authentication into the certificate or certificate request. Read cryptlib error code for more information.
4116016	KERNIE_CERTMGMT_ COULD_NOT_SET_ EXTKEY_CLIENTAUTH	Couldn't set extended key usage client authentication into the certificate or certificate request. Read cryptlib error code for more information.
4116017	KERNIE_CERTMGMT_ COULD_NOT_SET_ IS_NOT_CA	Couldn't set flag is not a CA into the certificate or certificate request. Read cryptlib error code for more information.
4116018	KERNIE_CERTMGMT_ COULD_NOT_CREATE_ SELF_SIGNED_CERTIFICATE	Couldn't create a self signed certificate. Read cryptlib error code for more information.
4116019	KERNIE_CERTMGMT_ COULD_NOT_GET_ CURRENT_TIME	Couldn't obtain the current system time.
4116020	KERNIE_CERTMGMT_ COULD_NOT_SET_VALIDTO	Couldn't set validity into the certificate. Read cryptlib error code for more information.
4116021	KERNIE_CERTMGMT_ COULD_NOT_SET_ IS_SELFSIGNED	Couldn't set flag is self signed into the certificate. Read cryptlib error code for more information.
4116022	KERNIE_CERTMGMT_ COULD_NOT_SIGN_ CERTIFICATE	Couldn't sign the certificate by the own private key. Read cryptlib error code for more information.
4116023	KERNIE_CERTMGMT_ COULD_NOT_CREATE_ CERTIFICATE_REQUEST	Couldn't create a certificate request. Read cryptlib error code for more information.
4116024	KERNIE_CERTMGMT_ COULD_NOT_SIGN_ CERTIFICATE_REQUEST	Couldn't sign the certificate request by the own private key. Read cryptlib error code for more information.

4116025	KERNIE_CERTMGMT_ COULD_NOT_ IMPORT_CERTIFICATE	Couldn't import the certificate. Read cryptlib error code for more information.
4121001	KERNIE_CORE_ EXPORT_CERT_NOT_FOUND	Couldn't encrypt the dataset. The partner's certificate couldn't be found in the certificate store.
4121002	KERNIE_CORE_ CHECKSIGNING_ ERROR_SIGNATURE	An error occurred during checking the signature of a signed dataset. Either the certificate is wrong or the signature is corrupted. You should check the serial number of the used certificate and try again.
4121006	KERNIE_CORE_ IMPORT_CHECKCERT_ NOT_FOUND	The requested certificate for checking the signature couldn't be found in the certificate store. You should check the configuration for certificate index or import the right certificate.
4121009	KERNIE_CORE_ PUSH_DATA_FAILED	Couldn't push the data buffer into the security/compression/signature function. The data may be corrupted. Read the cryptlib error code for more information.
4121010	KERNIE_CORE_ POP_DATA_FAILED	Couldn't pop a data buffer from the security/compression/signature function. The data may be corrupted. Read the cryptlib error code for more information.
4121011	KERNIE_CORE_ FLUSH_DATA_FAILED	Couldn't finalize the security/compression/signature process. Read the cryptlib error code for more information.
4121012	KERNIE_CORE_ FLUSH_CORRUPTED_DATA	Couldn't finalize the security/compression/signature process because of corrupted data.
4121013	KERNIE_CORE_ FLUSH_AND_POP_ DATA_FAILED	Couldn't pop the last data buffer from the security/compression/signature function. The data may be corrupted. Read the cryptlib error code for more information.
4121014	KERNIE_CORE_ DECRYPT_PRIVATE_ KEY_NOT_FOUND	Couldn't decrypt the dataset because of a missing private key. Correct the keystore or encrypt the data with the right certificate.
4121015	KERNIE_CORE_ DECRYPT_ERROR_ IN_KEYSTORE	Couldn't decrypt dataset because of a wrong private key. Correct the keystore or encrypt the data with the right certificate. The data may be corrupted.
4121016	KERNIE_CORE_ NEXT_FUNCTION_ UNKNOWN_FUNCTION_CODE	Internal error.
4121017	KERNIE_CORE_ DECRYPT_FAILED	The decryption of the dataset failed because of corrupted data.
4121018	KERNIE_CORE_ UNCOMPRESS_FAILED	The decompression of the dataset failed because of corrupted data.
4121019	KERNIE_CORE_ SECURITY_FAILED	Internal error.
4131001	KERNIE_CORELVL_ CRYPTLIB_INIT_FAILED	Couldn't initialize the security framework. Read the cryptlib error code for more information.
4131002	KERNIE_CORELVL_ CREATE_ENV_FAILED	Couldn't initialize the security framework. Read the cryptlib error code for more information.
4131003	KERNIE_CORELVL_ CREATE_SIG_ENV_FAILED	Couldn't initialize the security framework. Read the cryptlib error code for more information.
4131004	KERNIE_CORELVL_ CREATE_COMP_ENV_FAILED	Couldn't initialize the security framework. Read the cryptlib error code for more information.
4131005	KERNIE_CORELVL_ CREATE_ENC_ENV_FAILED	Couldn't initialize the security framework. Read the cryptlib error code for more information.
4131006	KERNIE_CORELVL_ CRYPTLIB_SET_ATTR_FAILED	Couldn't set parameter to the security framework. Read the cryptlib error code for more information.
4131007	KERNIE_CORELVL_ MALLOC_FAILED_FOR_ SIGN_OUTBUF	Couldn't obtain enough memory to create the signature output buffer. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.
4131008	KERNIE_CORELVL_ MALLOC_FAILED_FOR_ COMP_OUTBUF	Couldn't obtain enough memory to create the compression output buffer. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.
4131009	KERNIE_CORELVL_ MALLOC_FAILED_FOR_ ENC_OUTBUF	Couldn't obtain enough memory to create the encryption output buffer. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.

4131010	KERNIE_CORELVL_ MALLOC_FAILED_FOR_ FILE_INBUF	Couldn't obtain enough memory to create the file input buffer. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.
4131011	KERNIE_CORELVL_ UNKNOWN_CIPHER_SUITE	The requested cipher suite is unknown. Pleas check the input parameter.
4141001	KERNIE_MVSIF_ MVS_PARM_NULL	Internal error.
4141002	KERNIE_MVSIF_ MALLOC_FAILED_ FOR_CL_PARM	Couldn't obtain enough memory to create the main parameter area. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.
4141003	KERNIE_MVSIF_ MALLOC_FAILED_ FOR_IO_PARM	Couldn't obtain enough memory to create the I/O data area. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.
4141004	KERNIE_MVSIF_ MALLOC_FAILED_FOR_ ERR_FIELDS	Couldn't obtain enough memory to create the error information area. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.
4141005	KERNIE_MVSIF_ MALLOC_FAILED_FOR_ HFSP15_CONFIG	Couldn't obtain enough memory to create the P15 keystore data area. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.
4161001	KERNIE_UTIL_ TRANSLATE_BUFFER_NULL	Internal error.
4161002	KERNIE_UTIL_ TRANSLATE_TABLE_NULL	The requested code translation table wasn't set. Please check the configuration of the code translation table.
4161003	KERNIE_UTIL_ COULD_NOT_OPEN_EXTCONF	Couldn't open the external configuration dataset.
4161004	KERNIE_UTIL_ ZERO_POINTER_FOR_READ_ BUFFER_IN_READ_U_FILE	Internal error.
4161005	KERNIE_UTIL_ MISSING_PARAMETER_ FILENAME_IN_READ_U_FILE	The name of a required dataset is missing. Please check your configuration and ensure that all parameter are set.
4161006	KERNIE_UTIL_ COULD_NOT_OPEN_ FILE_IN_READ_U_FILE	The input dataset couldn't be opened. Read the ERRNO for more information.
4161007	KERNIE_UTIL_ NO_MEMORY_FOR_BUFFER_ STRUCT_IN_READ_U_FILE	Couldn't obtain enough memory to create a file read buffer. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.
4161008	KERNIE_UTIL_ NO_MEMORY_FOR_READ_ BUFFER_IN_READ_U_FILE	Couldn't obtain enough memory to create a file read buffer. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.
4161009	KERNIE_UTIL_ ERROR_DURING_READ_ FROM_FILE_IN_READ_U_FILE	Couldn't read data from the input dataset. Read the ERRNO for more information.
4161010	KERNIE_UTIL_ ERROR_DURING_CLOSE_ FILE_IN_READ_U_FILE	Couldn't close the input dataset. Read the ERRNO for more information.
4161011	KERNIE_UTIL_ NO_MEMORY_FOR_ TARGET_BUFFER_ IN_READ_U_FILE	Couldn't obtain enough memory to create a data buffer. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.
4161012	KERNIE_UTIL_ ZERO_POINTER_FOR_ WRITE_BUFFER_ IN_WRITE_U_FILE	Internal error.
4161013	KERNIE_UTIL_ INVALID_WRITE_BUFFER_ SIZE_IN_WRITE_U_FILE	Internal error.
4161014	KERNIE_UTIL_ MISSING_PARAMETER_ FILENAME_IN_WRITE_U_FILE	The name of a required dataset is missing. Please check your configuration and ensure that all parameter are set.

4161015	KERNIE_UTIL_ COULD_NOT_OPEN_ FILE_IN_WRITE_U_FILE	The output dataset couldn't be opened. Read the ERRNO for more information.
4161016	KERNIE_UTIL_ ERROR_DURING_WRITE_ TO_FILE_IN_WRITE_U_FILE	Couldn't write data to the output dataset. Read the ERRNO for more information.
4161017	KERNIE_UTIL_ ERROR_DURING_CLOSE_ FILE_IN_WRITE_U_FILE	Couldn't close the output dataset. Read the ERRNO for more information
4171001	KERNIE_CERTST_ INVALID_CERTSTORE_ POINTER	Internal error.
4171002	KERNIE_CERTST_ CREATE_UNKNOWN_ CERTSTORE_TYPE	The requested certificate store is unknown. Please check your configuration and set the right certificate store type.
4171003	KERNIE_CERTST_ DESTROY_UNKNOWN_ CERTSTORE_TYPE	The requested certificate store is unknown. Please check your configuration and set the right certificate store type.
4171004	KERNIE_CERTST_ GETCERT_UNKNOWN_ CERTSTORE_TYPE	The requested certificate store is unknown. Please check your configuration and set the right certificate store type.
4171005	KERNIE_CERTST_ MALLOC_FAILED_ FOR_CERTSTORE	Couldn't obtain enough memory to create the certificate store. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.
4171006	KERNIE_CERTST_ GETCERT_CERTSTORE_ NOT_INITIALIZED	Internal error.
4171007	KERNIE_CERTST_ GETCERT_ALIAS_IS_NULL	The name of the requested certificate is missing. Please check your configuration.
4171008	KERNIE_CERTST_ GETCERT_ZERO_ALIAS_LEN	The name of the requested certificate is missing. Please check your configuration.
4181001	KERNIE_KEYSTORE_ OPEN_INVALID_ KEYSTORE_POINTER	Internal error.
4181002	KERNIE_KEYSTORE_ OPEN_MALLOC_FAILED_ FOR_KEYSTORE	Couldn't obtain enough memory to create the keystore. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.
4181003	KERNIE_KEYSTORE_ OPEN_UNKNOWN_ KEYSTORE_TYPE	The requested keystore is unknown. Please check your configuration and set the right keystore type.
4181004	KERNIE_KEYSTORE_ CLOSE_UNKNOWN_ KEYSTORE_TYPE	The requested keystore is unknown. Please check your configuration and set the right keystore type.
4181005	KERNIE_KEYSTORE_ GET_KEYSET_INVALID_ KEYSTORE_POINTER	Internal error.
4181006	KERNIE_KEYSTORE_ GET_KEYSET_INVALID_ KEYSET_POINTER	Internal error.
4181007	KERNIE_KEYSTORE_ GET_KEYSET_UNKNOWN_ KEYSTORE_TYPE	The requested keystore is unknown. Please check your configuration and set the right keystore type.
4181008	KERNIE_KEYSTORE_ GET_PRIV_KEY_INVALID_ KEYSTORE_POINTER	Internal error.
4181009	KERNIE_KEYSTORE_ GET_PRIV_KEY_INVALID_ KEYPAIR_POINTER	Internal error.
4181010	KERNIE_KEYSTORE_ GET_PRIV_KEY_INVALID_ KEYFILTER_POINTER	The identifier of the requested keypair is missing. Please check your configuration.
4181011	KERNIE_KEYSTORE_ GET_PRIV_KEY_UNKNOWN_ KEYSTORE_TYPE	The requested keystore is unknown. Please check your configuration and set the right keystore type.

4191001	KERNIE_VSAM_ MALLOC_FAILED_FOR_ CLIST_ITEM	Couldn't obtain enough memory to create certificate list item. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.
4191002	KERNIE_VSAM_ CERT_BY_KEY_NOT_FOUND	Couldn't find the requested certificate. Please check your configuration or import the right certificate.
4191003	KERNIE_VSAM_ CERT_BY_KEY_RECORD_ READ_ERROR	Couldn't read the whole certificate from the VSAM certificate store. The record may be corrupted. Check the dataset or import the certificate again.
4191004	KERNIE_VSAM_ CERT_BY_KEY_CERT_ IMPORT_ERROR	Couldn't convert the read certificate into internal format. Read the cryptlib error code to get more information.
4191005	KERNIE_VSAM_ SET_CERT_ALREADY_EXIST	Couldn't write the certificate into the VSAM certificate store. The certificate already exists.
4191006	KERNIE_VSAM_ SET_CERT_WRITE_ERROR	Error during writing the certificate into the VSAM certificate store. Read the ERRNO for more information.
4191007	KERNIE_VSAM_ UPDATE_CERT_NOT_FOUND	The certificate couldn't be updated, since it wasn't found in the VSAM certificate store.
4191008	KERNIE_VSAM_ UPDATE_CERT_READ_ ERROR	Couldn't read the whole certificate before update from the VSAM certificate store. The record may be corrupted. Check the dataset or import the certificate again.
4191009	KERNIE_VSAM_ UPDATE_CERT_ UPDATE_ERROR	Error during updating the certificate into the VSAM certificate store. Read the ERRNO for more information.
4191010	KERNIE_VSAM_ DELETE_CERT_NOT_FOUND	The certificate couldn't be deleted, since it wasn't found in the VSAM certificate store.
4191011	KERNIE_VSAM_ DELETE_CERT_ FDELREC_ERROR	Error during deleting the certificate. Read the ERRNO to get more information.
4191012	KERNIE_VSAM_ CLOSE_CERTSTORE_ERROR	Couldn't close the VSAM certificate store. Read the ERRNO to get more information.
4191013	KERNIE_VSAM_ OPEN_CERTSTORE_ERROR	Couldn't open the VSAM certificate store. Read the ERRNO to get more information.
4201001	KERNIE_DF053C_ OPEN_CERT_FILE_FAILED	Couldn't open the certificate dataset. Read the ERRNO for more information.
4201002	KERNIE_DF053C_ CERT_FILE_FLDATA_FAILED	Couldn't read certificate dataset attributes. Read the ERRNO for more information.
4201003	KERNIE_DF053C_ INVALID_CERT_ RECBLK_LENGTH	The record length of the certificate dataset is not supported. Please check dataset attributes for valid values.
4201004	KERNIE_DF053C_ CLOSE_CERT_FILE_FAILED	Couldn't close the certificate dataset. Read the ERRNO for more information.
4201005	KERNIE_DF053C_ RECORD_READ_FAILURE	Couldn't read a record from the certificate dataset. Read the ERRNO for more information.
4201006	KERNIE_DF053C_ CERT_TO_BIG	The certificate is too big. Please contact the rvsMVS support.
4201007	KERNIE_DF053C_ IMPORT_CRYPTINIT_FAILED	Couldn't initialize the security framework. Read the cryptlib error code for more information.
4201008	KERNIE_DF053C_ IMPORT_CRYPTIMPORT_ FAILED	Couldn't convert the read certificate into the internal format. Please read the cryptlib error code for more information.
4201009	KERNIE_DF053C_ IMPORT_CRYPTEXPORT_ FAILED	Couldn't convert the read certificate into the internal format. Please read the cryptlib error code for more information.
4201010	KERNIE_DF053C_ IMPORT_CRYPTEND_FAILED	Couldn't end the security framework. Read the cryptlib error code for more information.
4201011	KERNIE_DF053C_ LIST_CRYPTINIT_FAILED	Couldn't initialize the security framework. Read the cryptlib error code for more information.
4201012	KERNIE_DF053C_ LIST_NO_CERT_FOUND	The requested certificates couldn't be found. Check the input parameter for valid values.
4201013	KERNIE_DF053C_ LIST_CRYPTEND_FAILED	Couldn't end the security framework. Read the cryptlib error code for more information.
4201014	KERNIE_DF053C_ OPEN_SYSIN_FAILED	Couldn't open SYSIN to get input parameter. Please check your configuration and try again.

4201015	KERNIE_DF053C_ UNKNOWN_COMMAND	The requested command isn't supported. Please check your configuration and try again.
4201016	KERNIE_DF053C_ CRYPT_INIT_FAILED_ IN_EXPORT_CERT	Couldn't initialize the security framework. Read the cryptlib error code for more information.
4201017	KERNIE_DF053C_ COULD_NOT_CLEANUP_ CERT_IN_EXPORT_CERT	Couldn't cleanup certificate within the security framework. Read the cryptlib error code for more information.
4201018	KERNIE_DF053C_ CRYPT_END_FAILED_ IN_EXPORT_CERT	Couldn't end the security framework. Read the cryptlib error code for more information.
4211001	KERNIE_DF053K_ OPEN_SYSIN_FAILED	Couldn't open SYSIN to get input parameter. Please check your configuration and try again.
4211002	KERNIE_DF053K_ EXP_CERT_MISSING_PARM	There are more parameter required to fulfil the requested operation. Please check your configuration and try again.
4211003	KERNIE_DF053K_ GEN_SELFSIGNED_ CERT_MISSING_PARM	There are more parameter required to fulfil the requested operation. Please check your configuration and try again.
4211004	KERNIE_DF053K_ GEN_CERT_REQUEST_ MISSING_PARM	There are more parameter required to fulfil the requested operation. Please check your configuration and try again.
4211005	KERNIE_DF053K_ IMP_CERT_MISSING_PARM	There are more parameter required to fulfil the requested operation. Please check your configuration and try again.
4211006	KERNIE_DF053K_ UNKNOWN_COMMAND	The requested command isn't supported. Please check your configuration and try again.
4211007	KERNIE_DF053K_ CRYPT_INIT_FAILED_IN_ SELF_SIGNED_CERT	Couldn't initialize the security framework. Read the cryptlib error code for more information.
4211008	KERNIE_DF053K_ COULD_NOT_CLEANUP_ CERT_IN_SELF_SIGNED_ CERT	Couldn't cleanup memory after execution. Read the cryptlib error code for more information.
4211009	KERNIE_DF053K_ COULD_NOT_CLEANUP_ KEY_IN_SELF_SIGNED_ CERT	Couldn't cleanup memory after execution. Read the cryptlib error code for more information.
4211010	KERNIE_DF053K_ CRYPT_END_FAILED_IN_ SELF_SIGNED_CERT	Couldn't end the security framework. Read the cryptlib error code for more information.
4211011	KERNIE_DF053K_ CRYPT_INIT_FAILED_IN_ GEN_CERT_REQUEST	Couldn't initialize the security framework. Read the cryptlib error code for more information.
4211012	KERNIE_DF053K_ COULD_NOT_CLEANUP_ CERT_IN_GEN_CERT_ REQUEST	Couldn't cleanup memory after execution. Read the cryptlib error code for more information.
4211013	KERNIE_DF053K_ COULD_NOT_CLEANUP_KEY_ IN_GEN_CERT_REQUEST	Couldn't cleanup memory after execution. Read the cryptlib error code for more information.
4211014	KERNIE_DF053K_ CRYPT_END_FAILED_IN_ GEN_CERT_REQUEST	Couldn't end the security framework. Read the cryptlib error code for more information.
4211015	KERNIE_DF053K_ CRYPT_INIT_FAILED_ IN_IMPORT_REPLY	Couldn't initialize the security framework. Read the cryptlib error code for more information.
4211016	KERNIE_DF053K_ CERT_WITH_DIFFERENT_ ISSUER_ALREADY_PRESENT	The keystore already contains a certificate for the given index. Overwriting an existing certificate is not allowed. An update of an existing certificate can only be done if the new certificate contains the same issuer distinguished name and the same serial number. The new validity must be longer than the old one.
4211017	KERNIE_DF053K_ CERT_WITH_DIFFERENT_ SER_ALREADY_PRESENT	The keystore already contains a certificate for the given index. Overwriting an existing certificate is not allowed. An update of an existing certificate can only be done if the new certificate contains the same issuer distinguished name and the same serial number. The new validity must be longer than the old one.

4211018	KERNIE_DF053K_ CERT_ALREADY_EXISTS_ WITH_DIFFERENT_INDEX	The keystore already contains a certificate with the same issuer name and serial number but a different index. Please check your configuration and try again.
4211019	KERNIE_DF053K_ COULD_NOT_CLEANUP_ CERT_IN_IMPORT_REPLY	Couldn't cleanup memory after execution. Read the cryptlib error code for more information.
4211020	KERNIE_DF053K_ CRYPT_END_FAILED_ IN_IMPORT_REPLY	Couldn't end the security framework. Read the cryptlib error code for more information.
4211021	KERNIE_DF053K_ CRYPT_INIT_FAILED_ IN_EXPORT_CERT	Couldn't initialize the security framework. Read the cryptlib error code for more information.
4211022	KERNIE_DF053K_ COULD_NOT_CLEANUP_ CERT_IN_EXPORT_CERT	Couldn't cleanup memory after execution. Read the cryptlib error code for more information.
4211023	KERNIE_DF053K_ CRYPT_END_FAILED_ IN_EXPORT_CERT	Couldn't end the security framework. Read the cryptlib error code for more information.
4211024	KERNIE_DF053K_ CRYPT_INIT_FAILED_ IN_DELETE_KEY	Couldn't initialize the security framework. Read the cryptlib error code for more information.
4211025	KERNIE_DF053K_ CRYPT_END_FAILED_ IN_DELETE_KEY	Couldn't end the security framework. Read the cryptlib error code for more information.
4211026	KERNIE_DF053K_ CRYPT_INIT_FAILED_ IN_LIST_ALL	Couldn't initialize the security framework. Read the cryptlib error code for more information.
4211027	KERNIE_DF053K_ CRYPT_END_FAILED_ IN_LIST_ALL	Couldn't end the security framework. Read the cryptlib error code for more information.
4211028	KERNIE_DF053K_ CRYPT_INIT_FAILED_ IN_LIST_KEY	Couldn't initialize the security framework. Read the cryptlib error code for more information.
4211029	KERNIE_DF053K_ COULD_NOT_CLEANUP_ KEY_IN_LIST_KEY	Couldn't cleanup memory after execution. Read the cryptlib error code for more information.
4211030	KERNIE_DF053K_ COULD_NOT_CLEANUP_ CERT_IN_LIST_KEY	Couldn't cleanup memory after execution. Read the cryptlib error code for more information.
4211031	KERNIE_DF053K_ CRYPT_END_FAILED_ IN_LIST_KEY	Couldn't end the security framework. Read the cryptlib error code for more information.
4221001	KERNIE_P15KEYST_ CANNOT_OPEN_ZERO_ KEYSTORE_POINTER	Internal error.
4221002	KERNIE_P15KEYST_ NO_MEMORY_TO_ BUILD_KEYSTORE	Couldn't obtain enough memory to create the P15 keystore. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.
4221003	KERNIE_P15KEYST_ MISSING_PASSWORD	The required password for keystore access isn't set. Please check your configuration and try again.
4221004	KERNIE_P15KEYST_ NO_MEMORY_TO_ STORE_PASSWORD	Couldn't obtain enough memory to create a password buffer. Ensure, that the whole address space and enough memory is available. You may wait until another process has finished and freed its memory.
4221005	KERNIE_P15KEYST_ COULD_NOT_ OPEN_KEYSTORE	Couldn't open the P15 keystore. Read the cryptlib error code for more information.
4221006	KERNIE_P15KEYST_ CANNOT_CLOSE_ZERO_ KEYSTORE_POINTER	Internal error.
4221007	KERNIE_P15KEYST_ ERROR_DURRING_ CLOSE_KEYSTORE	Couldn't close the P15 keystore. Read the cryptlib error code for more information.
4221008	KERNIE_P15KEYST_ ZERO_KEYSTORE_POINTER_ IN_GET_KEYSET	Internal error.

4221009	KERNIE_P15KEYST_ ZERO_CRYPT_KEYSET_ IN_GET_KEYSET	Internal error.
4221010	KERNIE_P15KEYST_ ZERO_KEYSTORE_POINTER_ IN_GET_PRIVATE_KEY	Internal error.
4221011	KERNIE_P15KEYST_ ZERO_KEYPAIR_POINTER_ IN_GET_PRIVATE_KEY	Internal error.
4221012	KERNIE_P15KEYST_ COULD_NOT_GET_PRIVATE_ KEY_IN_GET_KEYPAIR	Couldn't get the private key from the P15 keystore. Please read the cryptlib error codes for more information.
4221013	KERNIE_P15KEYST_ ZERO_KEYSTORE_POINTER_ IN_GET_CERTIFICATE	Internal error.
4221014	KERNIE_P15KEYST_ ZERO_CERTIFICATE_ POINTER_IN_GET_ CERTIFICATE	Internal error.
4221015	KERNIE_P15KEYST_ COULD_NOT_GET_CERT_IN_ GET_CERTIFICATE	Couldn't get the certificate from the P15 keystore. Read the cryptlib error codes for more information.
4221016	KERNIE_P15KEYST_ COULD_CERT_NOTFOUND_ IN_GET_CERTIFICATE	The requested certificate couldn't be found in the P15 keystore. Please check the index for valid values and try again.
4221017	KERNIE_P15KEYST_ ZERO_KEYSTORE_POINTER_ IN_SET_PRIVATE_KEY	Internal error.
4221018	KERNIE_P15KEYST_ COULD_NOT_SET_ PRIVATE_KEY	Couldn't write the private key to the P15 keystore. Read the cryptlib error codes for more information.
4221019	KERNIE_P15KEYST_ COULD_NOT_SET_PRIVATE_ KEY_DUPLICATE	A private key already exists for the given index. Use a different index or delete the old private key.
4221020	KERNIE_P15KEYST_ ZERO_KEYSTORE_POINTER_ IN_GET_KEY_BY_SER	Internal error.
4221021	KERNIE_P15KEYST_ PARAMETER_ SERIALNUMBER_NOT_SET	The certificate serial number is missing. Please check the certificate for valid values.
4221022	KERNIE_P15KEYST_ ZERO_KEYPAIR_POINTER_ IN_GET_KEY_BY_SER	Internal error.
4221023	KERNIE_P15KEYST_ COULD_NOT_GET_PRIVATE_ KEY_IN_GET_KEY_BY_SER	Could not get the requested private key. Please read the cryptlib error code for more information.
4221024	KERNIE_P15KEYST_ COULD_NOT_GET_CERT_ IN_GET_KEY_BY_SER	Could not get the requested certificate. Please read the cryptlib error code for more information
4221025	KERNIE_P15KEYST_ ZERO_KEYSTORE_POINTER_ IN_GET_KEYLIST	Internal error.
4221026	KERNIE_P15KEYST_ ZERO_KEYPAIR_POINTER_ IN_GET_KEYLIST	Internal error.
4221027	KERNIE_P15KEYST_ ZERO_KEYPAIR_POINTER_ IN_GEN_KEYPAIR	Internal error.
4221028	KERNIE_P15KEYST_ COULD_NOT_CREATE_ KEYPAIR_CONTEXT	Could not create an internal buffer. Please read the cryptlib error code for more information.
4221029	KERNIE_P15KEYST_ COULD_NOT_SET_KEYLABEL_ IN_GEN_KEYPAIR	Could not set the label for the new keypair. Please read the cryptlib error code for more information.
4221030	KERNIE_P15KEYST_ COULD_NOT_SET_KEYSIZE_ IN_GEN_KEYPAIR	Could not set the key size for the new keypair. Please read the cryptlib error code for more information. The key size may not be supported.

4221031	KERNIE_P15KEYST_ ERROR_DURRING_ GENERATE_KEYPAIR	Could not generate a new keypair. Read the cryptlib error code for more information.
4221032	KERNIE_P15KEYST_ ZERO_KEYSTORE_POINTER_ IN_DEL_KEY	Internal error.
4221033	KERNIE_P15KEYST_ ERROR_DURRING_ DELETE_KEYPAIR	Couldn't delete the keypair. Read the cryptlib error code for more information.
4221034	KERNIE_P15KEYST_ ERROR_DURRING_DELETE_ KEYPAIR_NOTFOUND	Couldn't delete the keypair because it wasn't found in the keystore. Check your configuration and try again.
4221035	KERNIE_P15KEYST_ ZERO_KEYSTORE_POINTER_ IN_IMPORT_REPLY	Internal error.
4221036	KERNIE_P15KEYST_ ERROR_DURRING_ IMPORT_REPLY	Couldn't import the reply into the keystore. Read the cryptlib error code for more information.
4221037	KERNIE_P15KEYST_ ERROR_DURRING_IMPORT_ REPLY_DUPLICATE	Couldn't import the reply into the keystore because a certificate with the given index is already present. An update is only possible if the new certificate has a longer validity.
4221038	KERNIE_P15KEYST_ ERROR_DURRING_IMPORT_ REPLY_WRONGCERT	Couldn't import the certificate into the keystore. The certificate may be corrupted. Please check the certificate and try again.
4221039	KERNIE_P15KEYST_ MAX_INDEX_NUMBER_ EXCEEDED	The maximum number of keypairs in the keystore exceeded. You may delete keypairs which are not longer needed.

OFTP2 cryptlib error codes

The following table shows the cryptlib error codes. These error codes come from the 3rd party security function provider "CRYPTLIB" which is responsible for all the encryption, compression, signing and enveloping tasks.

Error code	Alias	Description
-1	CRYPT_ERROR_PARAM1	Bad argument, parameter 1. The input for the cryptlib function is wrong.
-2	CRYPT_ERROR_PARAM2	Bad argument, parameter 2. The input for the cryptlib function is wrong.
-3	CRYPT_ERROR_PARAM3	Bad argument, parameter 3. The input for the cryptlib function is wrong.
-4	CRYPT_ERROR_PARAM4	Bad argument, parameter 4. The input for the cryptlib function is wrong.
-5	CRYPT_ERROR_PARAM5	Bad argument, parameter 5. The input for the cryptlib function is wrong.
-6	CRYPT_ERROR_PARAM6	Bad argument, parameter 6. The input for the cryptlib function is wrong.
-7	CRYPT_ERROR_PARAM7	Bad argument, parameter 7. The input for the cryptlib function is wrong.
-10	CRYPT_ERROR_MEMORY	There is no memory left to fulfil the task. Please ensure that the whole address space is available or wait until another task has finished.
-11	CRYPT_ERROR_NOTINITED	Data has not been initialized.
-12	CRYPT_ERROR_INITED	Data has already been initialized.
-13	CRYPT_ERROR_NOSECURE	Operation not available at requested security level.
-14	CRYPT_ERROR_RANDOM	No reliable random data available. The random number generator is provided as user exit DF053R. Please ensure that this module works proberly and returns reliable random numbers.
-15	CRYPT_ERROR_FAILED	Operation failed.
-16	CRYPT_ERROR_INTERNAL	Internal consistency check failed.
-20	CRYPT_ERROR_NOTAVAIL	This type of operation is not available.
-21	CRYPT_ERROR_PERMISSION	No permission to perform this operation.

-22	CRYPT_ERROR_WRONGKEY	Incorrect key used to decrypt data.
-23	CRYPT_ERROR_INCOMPLETE	Operation is incomplete or still in progress.
-24	CRYPT_ERROR_COMPLETE	Operation is complete and cannot continue.
-25	CRYPT_ERROR_TIMEOUT	Operation timed out before completion
-26	CRYPT_ERROR_INVALID	Invalid or inconsistent information
-27	CRYPT_ERROR_SIGNALLED	Resource was destroyed ba an external event.
-30	CRYPT_ERROR_OVERFLOW	Resources or space exhausted
-31	CRYPT_ERROR_UNDERFLOW	Not enough data available.
-32	CRYPT_ERROR_BADDATA	Bad or unrecognized data format.
-33	CRYPT_ERROR_SIGNATURE	Signature or integrity check failed.
-40	CRYPT_ERROR_OPEN	Cannot open the object.
-41	CRYPT_ERROR_READ	Cannot read item from object.
-42	CRYPT_ERROR_WRITE	Cannot write item to the object.
-43	CRYPT_ERROR_NOTFOUND	A requested item wasn't found in the object.
-44	CRYPT_ERROR_DUPLICATE	The item is already present in the object.
-50	CRYPT_ENVELOPE_RESOURCE	More resources are needed to proceed.

HSM (PKCS#11) error codes

4211001	HSMCERT_ERR_CERT_TOKEN_BY_LABEL	Could not get certificate token by label.
4211002	HSMCERT_ERR_RECORD_TOKEN_BY_LABEL	Could not get record token by label.
4211003	HSMCERT_ERR_FAKTOR_RSA	Could not get RSA factor information.
4211004	HSMCERT_ERR_ALLOC_CERT_TOKEN	Could not allocate certificate token.
4211005	HSMCERT_ERR_RECORD_BY_ID	Could not get record by id.
4211006	HSMCERT_ERR_FAKTOR_RSA2	Could not get RSA factor information.
4211007	HSMCERT_ERR_OPEN_KEY_RING	Could not open key ring.
4211008	HSMCERT_ERR_GET_CERT_TOKEN_ BY_LABEL_FAILED	Function getCertificateTokenByLabel() failed.
4211009	HSMCERT_ERR_GET_CERT_TOKEN _BY_ID_FAILED	Function getCertificateTokenById() failed..
4211010	HSMCERT_ERR_DECODE_ SUBJECT_NAME_FAILED	Could not decode certificate subject name.
4211011	HSMCERT_ERR_GET_CERT_TOKEN_ BY_SUBJECT_FAILED	Function getCertificateTokenBySubject() failed.
4211012	HSMCERT_ERR_GET_PRIVKEY_ TOKEN_BY_LABEL_FAILED	Function getPrivateKeyTokenByLabel() failed.
4211013	HSMCERT_ERR_GET_PRIVKEY_ TOKEN_BY_ID_FAILED	Function getPrivateKeyTokenById() failed.
4211014	HSMCERT_ERR_GET_PRIVKEY_ TOKEN_BY_SUBJECT_FAILED	Function getPrivateKeyTokenBySubject() failed..
4211015	HSMCERT_ERR_EXPORT_CERTIFICATE	Could not export certificate.
4211016	HSMCERT_ERR_EXPORT_CERTIFICATE_ BY_ID	Could not export certificate by id.
4221001	HSMRSA_ERR_FAKTOR_RSA	Could not get RSA factor information.
4221002	HSMRSA_ERR_ALLOC_STRUCTURE	Could not allocate structures.
4221003	HSMRSA_ERR_CSNDPKB_ICSF_CALL	ICSF function CSNDPKB failed (CALL) .
4221004	HSMRSA_ERR_CSNDPKB_ICSF_RESULT	ICSF function CSNDPKB failed (RESULT) .
4221005	HSMRSA_ERR_CSNDPKD_ICSF_CALL	ICSF function CSNDPKD failed (CALL) .
4221006	HSMRSA_ERR_CSNDPKD_ICSF_RESULT	ICSF function CSNDPKD failed (RESULT) .
4221007	HSMRSA_ERR_CSNDPKE_ICSF_CALL	ICSF function CSNDPKE failed (CALL) .
4221008	HSMRSA_ERR_CSNDPKE_ICSF_RESULT	ICSF function CSNDPKE failed (RESULT) .
4221009	HSMRSA_ERR_CSNDDSG_ICSF_CALL	ICSF function CSNDDSG failed (CALL) .
4221010	HSMRSA_ERR_CSNDDSG_ICSF_ RESULT	ICSF function CSNDDSG failed (RESULT) .

4226001	HSMUTIL_ERR_INVALID_KEY_INFO	ICSF function CSNDDSG failed (RESULT) .
4226002	HSMUTIL_ERR_GENERATE_RANDOM	Could not get random value .
4226003	HSMUTIL_ERR_LOAD_DLL	Could not load GSK (Global Security Kit) DLL .
4226004	HSMUTIL_ERR_FUNC_GSK_OPEN_KEYRING	Could not get GSK function open key ring .
4226005	HSMUTIL_ERR_FUNC_GSK_CLOSE_DATABASE	Could not get GSK function cloase database .
4226006	HSMUTIL_ERR_FUNC_GSK_GET_ RECORD_LABELS	Could not get GSK function open key ring .
4226008	HSMUTIL_ERR_FUNC_GSK_EXPORT_ CERTIFICATE	Could not get GSK function
4226009	HSMUTIL_ERR_FUNC_GSK_DECODE_ CERTIFICATE	Could not get GSK function
4226010	HSMUTIL_ERR_FUNC_GSK_FACTOR_ PUBLIC_KEY_RSA	Could not get GSK function
4226011	HSMUTIL_ERR_FUNC_GSK_FREE_BUFFER	Could not get GSK function
4226012	HSMUTIL_ERR_FUNC_GSK_GET_ RECORD_BY_LABEL	Could not get GSK function
4226013	HSMUTIL_ERR_FUNC_GSK_GET_ RECORD_BY_SUBJECT	Could not get GSK function
4226014	HSMUTIL_ERR_FUNC_GSK_FREE_RECORD	Could not get GSK function
4226015	HSMUTIL_ERR_FUNC_GSK_ENCODE_NAME	Could not get GSK function
4226016	HSMUTIL_ERR_FUNC_GSK_DECODE_NAME	Could not get GSK function
4226017	HSMUTIL_ERR_FUNC_GSK_NAME_COMPARE	Could not get GSK function
4226018	HSMUTIL_ERR_FUNC_GSK_GENERATE_ RANDOM_BYTES	Could not get GSK function
4226019	HSMUTIL_ERR_FUNC_GSK_GET_ RECORD_BY_ID	Could not get GSK function

Messages of the License Module DF018X

DFX803P   ??
This message shows the expiration information.
- YOU ARE USING A NO-EXPIRE-LICENSE KEY
- YOUR RVSMVS LICENSE EXPIRES IN %d DAYS

DFX804P   ??
This message shows license check start information.
- LICENSE CHECK HAS BEEN STARTED
- LICENSE WATCHDOG HAS BEEN STARTED

DFX805P   ??
This message shows license check finish information.
- LICENSE CHECK FAILED (%d)
- LICENSE WATCHDOG HAS FINISHED (dddd)

DFX806E   ??
This message shows the error code number.
- ERROR CODE=%d

DFX807E   ??
This message shows the error code description (self explaining)
Example:
- NO SECTION FOUND

extended license expected, but old layout (without sections) found.
Possible cause: license dataset modified from extended layout to old layout while rvsMVS
was running. Restart rvsMVS with valid license dataset.

DFX808E   ??
This message shows the errno code number.
- ERRNO=%d

DFX809E   ??
This message shows the errno code description (self explaining).

DFX810E   ??
This message shows the crypt error code number.
- CRYPT ERROR CODE=%d

DFX811E   ??
This message shows the crypt error code description (self explaining).

DFX812E   ??
Your rvsMVS license is invalid.
- YOUR RVSMVS LICENSE IS INVALID (%d, %d)
- YOUR RVSMVS LICENSE KEY IS INVALID (%d, 0)

DFX813W   ??
Your rvsMVS license will expire soon.
- YOUR RVSMVS LICENSE EXPIRES TOMORROW
- YOUR RVSMVS LICENSE EXPIRES IN %d DAYS

DFX814W   ??
Your rvsMVS is going down soon because of license problems.
- LICENSE PROBLEM: RVSMVS IS GOING DOWN IN %d MINUTES
- LICENSE PROBLEM: RVSMVS IS GOING DOWN IN %d SECONDS

rvsMVS must be restarted with a valid license dataset
possible cause: change of license data set while rvsMVS was running

DFX815W   ??
Your rvsMVS prepares shutown operations because of license problems.
- LICENSE PROBLEM: RVSMVS PREPARES SHUTDOWN OPERATION

DFX816E   ??
Your rvsMVS license has expired.
- YOUR RVSMVS LICENSE HAS EXPIRED
- YOUR LICENSE HAS EXPIRED

DFX817E   ??
Your rvsMVS license is invalid because the license control block is damaged.
- LICENSE CONTROL BLOCK IS DAMAGED

DFX818E   ??
A revoked keyid was found. You are using a revoked license in your system.
- REVOKED KEY %s WAS FOUND BY KEYID CHECK

It is not possible to use a license dataset while a revoked license key is still in use.
Possible cause: parallel usage of old and renewed license.
Start all monitors with renewed license.

DFX819E   ??
                This message shows information about license check failed
                - LICENSE CHECK FAILED (errorvalue)

DFX820P   ??
                This message shows the license key content.
                - *LICKEY* %s

DFX821E   ??
                This message shows information about a failed ENQ operation
                - ENQ OPERATION RET=%x, REASON=%x
                - TEST ENQ OPERATION ERROR ENQRET=0x%x RET=0x%x, REASON=0x%x
                - TEST ENQ OPERATION RET=0x%x, REASON=0x%x

X.25 Cause and Diagnostic Codes

This section describes the most important cause and diagnostic codes which may be received within clear or reset indication packets from the X.25 network. These codes are important only if the X25 component of rvs is used.

Most of the codes and their meaning are obtained from the IBM manual "IBM 3270 Information Display System X.25 Operation", Form GA23-0204-1.

Note that clear and/or reset indication packets may be sent
- by the remote DTE (data terminal equipment) or
- by the remote DCE (data circuit-terminating equipment) or
  - by the X.25 network

So some of the occuring diagnostic codes are used only by the national telephone company responsible for the X.25 network, this means it might be necessary in some cases to ask the national telephone company for the meaning of some of these codes.
Additional, if the remote side uses non-IBM equipment, some of the codes may have other meanings.

5.1. X.25 Cause Codes

5.1.1. Cause Codes within clear indication packet

Hex Code	Meaning
00	DTE originated. When the cause code is X'00', the diagnostic code field has been passed through the network from the remote DTE's original Clear Request packet.
01	Number busy
03	Invalid facility request
05	Network congestion
09	Out of order
0B	Access barred
0D	Not obtainable
11	Remote procedure error
13	Local procedure error
15	RPOA out of order
19	Reverse charging acceptance not subscribed
21	Incompatible destination
29	Fast select acceptance not subscribed
39	Ship absent

5.1.2. Cause Codes within reset indication packet

Hex Code	Meaning
00	DTE originated. When the cause code is X'00', the diagnostic code field has been passed through the network from the remote DTE's original Reset Request packet.
01	Out of order. Applicable to permanent virtual circuits only.
03	Remote procedure error
05	Local procedure error
07	Network congestion
09	Remote DTE operational. Applicable to permanent virtual circuits only.
0F	Network operational. Applicable to permanent virtual circuits only.
11	Incompatible destination
1D	Network out of order

5.1.3. Cause Codes within restart indication packet

Hex Code	Meaning
00	DTE restarting
01	Local procedure error
03	Network congestion
07	Network operational.
7F	Registration/cancellation confirmed

5.2. X.25 Diagnostic Codes

5.2.1. Diagnostic Codes from the DCE

Hex Code	Meaning		
00	No additional information		
01	Invalid P(S)		
02	Invalid P(R)		
10	Packet type invalid -	general	
11	For state:	R1	
12		R2	
13		R3	
14		P1	
15		P2	
16		P3	
17		P4	
18		P5	
19		P6	
1A		P7	
1B		D1	
1C		D2	
1D		D3	
20	Packet not allowed -	general	
21		Unidentifiable	
22		Call on one way logical channel	
23		Invalid packet type on PVC	

24		Packet on unassigned logical channel
25		Reject not subscribed to
26		Packet too short
27		Packet too long
28		Invalid GFI
29		Restart with non-zero GFI
2A		Packet type incompatible with facility
2B		Unauthorized interrupt confirmation
2C		Unauthorized interrupt
2D		Unauthorized reject
30	Timer expired -	general
31		Incoming call
32		Clear indication
33		Reset indication
34		Restart indication
35		Timer expired for call deflection
40	Call setup problem –	general
41		Facility code not allowed
42		Facility parameter not allowed
43		Invalid called address
44		Invalid calling address
45		Invalid facility length
46		Incoming call barred
47		No logical channel available
48		Call collision
4A		Nonzero address length
4B		Nonzero facility length
4C		Facility not provided when expected
4D		Invalid ITU-T-specified DTE facility
4E		Maximum number of call redirections or deflections Exceeded
50	Miscellaneous –	general
51		Improper cause code for DTE
52		Octet not aligned
53		Inconsistent Q bit setting
54		NUI (Network User Identification) problem
70	International Problem –	general
71		Remote network problem
72		International protocol problem
73		International link out of order
74		International link busy
75		Transit network facility problem
76		Remote network facility problem
77		International routing problem
78		Temporary routing problem
79		Unknown called DNIC
7A		Maintenance action

5.2.2. Diagnostic Codes from the DTE

Hex Code	Meaning
00	Normal initialization or termination

0C	Invalid LLC type	
10	Invalid packet type -	general
11	For state:	R1
12		R2
13		R3
14		P1
15		P2
16		P3
17		P4
18		P5
19		P6
1A		P7
1B		D1
1C		D2
1D		D3
20	DCE timer expired –	general
21		Incoming call
22		Clear indication
23		Reset indication
24		Restart indication
30	DTE timer expired -	general
31		Call request
32		Clear request
33		Reset request
34		Restart request
50	QLLC error -	general
51		Undefined C-field
52		Unexpected C-field
53		Missing I-field
54		Unidentified I-field
55		I-field too long
56		Frame reject received
57		Invalid QLLC header
58		Data received in non-data state
59		Timeout condition
5C		XID negotiation error
60	PSH error -	general
61		Sequence error
62		PS header too short
63		PSH format invalid
64		Command undefined
65		Invalid PSH protocol
66		Data received, wrong state
69		Timeout condition
7A	Invalid PAD parameters defined	
A0	Packet not allowed	
A1	Invalid M-bit packet sequence	
A2	Invalid packet type received	
A3	Control packets except Reset Indication received in state P4	
A4	Unassigned logical channel number	
A5	Timer expired for interrupt confirmation or D bit not support.	
A6	Packet too short	
A7	Packet too long	
A8	Invalid GFI	

A9	Not identifiable	
AA	Not supported	
AB	Invalid P(S)	
AC	Invalid P(R)	
AD	Invalid 'D' bit received	
AE	Invalid 'Q' bit received	
B1	No LU-MCH session active for GATE/DATE	
B2	Abend 0703 in progress	
B3	Host negative response or cancel chain command	
C0	PCNE: negative response with D bit	
C1	PCNE: SHUTC status	
C2	XIO disable	
C3	Unauthorized interrupt confirmation	
C4	Unauthorized interrupt request	
C5	PCNE error	
C8	RESET sent to PAD for SIGNAL	
D0	Resources -	general
D1		In state P1, incoming call received, slowdown in progress
D2		PIU too long
E0	Local procedure error -	general
E1		Packet received with LC not equal to 0
E2		Restart or diagnostic packet received with LC not equal to 0
E3		In state P1, incoming call received and not available for ic
E4		Facility not subscribed
E5		Invalid packet for LC equal to 0
E6		In state P1, incoming call received with inv. facility field
E7		Facility not supported
E8		Unexpected calling DTE
E9		Invalid 'D' bit request
EA		Reset indication on virtual call
EB		Invalid protocol identifier
EC		Connection identifier mismatch
F0	Remote procedure error –	general

5.2.3.   Diagnostic Codes from the network

The following section is an extract of the "DATEX-P Handbuch" of the german "Deutsche Telekom".

Hex Code	Meaning
80	Fehlerhaftes Q-Bit
81	Einzelpaket nicht vereinbart
82	Feld des Grundes ungleich 00 (hex.)
83	Nicht verträgliche Paketlänge
85	Rückweisung der Verbindungsanforderung
86	PVC-Servicedaten fehlerhaftt
87	Auslösung durch Operator
88	Paket >Annahme des Anrufs< zu lang
89	Verbindungsanforderung auf ankommend gerichtetem Kanal
8A	Verbindungsanforderung auf für FVV reserviertem Kanal

8C	Fehlerhafte Rufnummer des rufenden Anschlusses
8D	Übermittlungsabschnitt unterbrochen
8E	Übermittlungsabschnitt außer Betrieb
8F	Zeitüberwachung für den Zustand P1 abgelaufen
90	Fehlerhaftes Feld des Grundes
94	Fehlerhaftes Feld für die Angabe von Leistungsmerkmalen
95	Paket enthält eine Adresse mit einer Länge ungleich Null
96	Unerlaubtes Unterbrechungspaket
97	Unerlaubte Unterbrechungsbestätigung

Remarks:

The description of cause and diagnostic codes is quite short. Therefore the following combination of cause and diagnostic codes may give a bit more information when problems occure. This table contains some codes which have occured during operation of the X25 component of rvsMVS.

DIAGNOSTIC-PACKET received:

Diagnostic Code (hex)	Reason Code (hex)	Meaning / Possible Error
24	10 05 0B or 10 05 13	Wrong NPSI generation of your multi channel link (check compatibility with PTT generation, too)

CLEAR-PACKET received:

Cause Code (hex)	Diagnostic Code (hex)	Meaning / Possible error
00	40	If all SVCs are busy (call setup problem)
21	24	The dialed X.25-number belongs to a multichannel link, which might be generated not properly (check compatibility with generation of PTT,too)
00	B1	If rvs tries to establish a connection and a clear packet has been received on outgoing call: remote application is not active
00	E8	If rvs tries to establish a connection: possibly a wrong number has been called (wrong number specified for parameter X25NUM in STATIONS-Table)
05	01	Possibly the value specified for the rvs start parameter WSIZE is not the same as generated for the X25 multichannel link by the national telephone company.

CLEAR-PACKET received:

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6. rvs Start Messages

This section describes most important rvs start messeages.

`can't open trace config file DD:EXTCONF`

> This message occurs if the DD statement EXTCONF isn't defined in rvs start procedure. This DD statement allocates a configuration file used for advanced capabilities.
> This is a warning and currently for internal use only.

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