NI-CAN 2.6 Error/Warning Codes		
Decimal Value	**Hexadecimal Value**	**Description**
-1074388991	BFF62001	The timeout of a wait or notification function expired before any desired state occurred. Solutions: Increase the Timeout parameter value; verify your cable connections and operation of remote devices.
-1074388990	BFF62002	An internal error occurred in the NI-CAN driver. A description is in the file `NicanErr.txt` in your `..\NI-CAN\bin` folder (typically located at `C:\Program Files\National Instruments\..`). Solution: Email or fax the `NicanErr.txt` file to National Instruments for technical support.
-1074388989	BFF62003	There is a basic syntax error in the ObjName parameter. Solution: Verify that the name does not contain invalid characters, and that it uses the syntax specified for the Open function.
-1074388988	BFF62004	A function parameter is invalid. Solution: Read the function description and verify that you are providing a valid value for each parameter.
-1074388987	BFF62005	The value of one or more properties (attributes) is invalid. This error occurs for Set (one value bad) or Initialize/Config (one or more values bad). Solution: Consult the programmer reference to verify the values of each property.
-1074388986	BFF62006	The object is already open in another application. Solutions: Ensure that only one application at a time uses an object and that you close all objects prior to exiting your application (do not use the LabVIEW toolbar Abort button).
-1074388985	BFF62007	You attempted to set a configuration attribute while the object is running. Solutions: Configure attributes prior to opening the object; stop and restart communication as needed so that you can update configuration attributes.
-1074388984	BFF62008	Write queue overflow. Solutions for CAN Object: Increase the write queue length; wait for Write Success state prior to calling Write; to transmit recent data only, set the write queue length to zero. Solutions for Net Interface: Wait for Write Mult state, then repeat Write; get the Number of Entries Free attribute and Write that number of frames.
-1074388982	BFF6200A	A known feature is not supported. Solution: Refer to the descriptions in the manual to determine which feature is unsupported.
-1074388981	BFF6200B	CAN bus problems caused all communications to stop. This error corresponds to CAN Bus Off state. Solution: Verify that the cabling is correct, the devices are connected and operational, and proper bus power is applied.
-1074388969	BFF62017	You must provide this attribute's value prior to the Open. Solutions: Set the attribute using the Config function before the Open, and do not set the attribute at any later time; do not configure multiple CAN Objects for the same ID.
-1074388968	BFF62018	Your CAN or LIN hardware failed the internal self test. Further information about the failure is in the file `NicanErr.txt` in your in your `..\NI-CAN\bin` folder (typically located at `C:\Program Files\National Instruments\..`). Solution: Email or fax the `NicanErr.txt` file to National Instruments for technical support. If you experience this error with a USB-847*x* series device, power cycling the device (disconnect it from your computer USB port) may resolve this problem.
-1074388959	BFF62021	The watchdog timeout for a CAN Object expired, indicating that data was not received at the rate expected. Solutions: Verify your cable connections and operation of remote devices; increase the CAN Object period.

-1074388957	BFF62023	The interface is invalid or unknown. Solution: Verify that the interface is assigned to a specific port within the Devices and Interfaces branch of Measurement and Automation Explorer (MAX).
-1074388956	BFF62024	The object handle (ObjHandle) is invalid. Solutions: Verify that the Open function succeeded; verify that you did not close the handle in another thread of execution (such as with ncReset).
-1074388952	BFF62028	Overflow in the lower level read queue of the CAN card (frames lost). NI-CAN reads this queue at Windows interrupt time. Solutions: Avoid tasks that generate excessive interrupts on your PC (mouse, Ethernet, etc.); avoid running other applications during your test (screen savers, MAX, etc.); use Series 2 Filter Mode to filter incoming traffic; for CAN Objects (Frame API), increase the read queue length or call Read more frequently.
-1074388949	BFF6202B	CAN bus problems (stuff error) caused all communications to stop. This error corresponds to CAN Bus Off state. Solution: Verify that cabling is correct, devices are connected and operational, and proper bus power is applied.
-1074388947	BFF6202D	Exceeded resource limit for queues in shared memory between firmware/driver. The ncReadMult function is not allowed. Solutions: Decrease queue lengths in objects; set the read queue length to at least 2; decrease the number of CAN Objects.
-1074388925	BFF62043	The CAN Object name is invalid or unknown. Solutions: Verify that you are using the syntax specified in the NI-CAN documentation.
-1074388920	BFF62048	Overflow in the CAN communication chip. This error occurs when frames are received back-to-back for long periods. Solutions: Set the Series 2 Filter Mode to filter out frames; dedicate an entire CAN card to receive high busload. When the dedicated card is receiving high busload on one port, do not use the second port on that card to transmit frames or receive frames coming in from another network. Use a different card to transmit and receive those frames.
-1074388917	BFF6204B	CAN bus problems (bad frame format) caused all communications to stop. This error corresponds to CAN Bus Off state. Solution: Verify that the cabling is correct, devices are connected and operational, and proper bus power is applied.
-1074388888	BFF62068	Intermediate receive queue overflow. This queue holds frames as they are transferred from the CAN chip into object read queues. Solutions: Set the Net Interface mask and comparators to filter out frames; reduce overall bus traffic.
-1074388885	BFF6206B	CAN bus problems (no ack) caused all communications to stop. This error corresponds to CAN Bus Off state. Solution: Verify that the cabling is correct, devices are connected and operational, and proper bus power is applied.
-1074388856	BFF62088	Overflow in timed transmit list. This list holds frames for pending timed transmissions (Write of Net Interface with timestamp). Solutions: Increase the length of the timed transmit list; wait for timed frames to transmit before Write.
-1074388853	BFF6208B	CAN bus problems (tx 1, rx 0) caused all communications to stop. This error corresponds to CAN Bus Off state. Solution: Verify that the cabling is correct, devices are connected and operational, and proper bus power is applied.
-1074388831	BFF620A1	Too many messages with high transmit rates. The combined timers cannot be accurately maintained. Solutions: Decrease the number of periodic transmissions; decrease the transmit rate for one or more messages.
-1074388821	BFF620AB	CAN bus problems (tx 0, rx 1) caused all communications to stop. This error corresponds to CAN Bus Off state. Solution: Verify that the cabling is correct, devices are connected and operational, and proper bus power is applied.

-1074388789	BFF620CB	CAN bus problems (bad CRC) caused all communications to stop. This error corresponds to CAN Bus Off state. Solution: Verify that cabling is correct, devices are connected and operational, and proper bus power is applied.
-1074388787	BFF620CD	Exceeded resource limit for RTSI signals. Solutions: Decrease the number of RTSI signals used; refer to your user manual for information regarding valid RTSI signals for your CAN card.
-1074388757	BFF620EB	CAN bus problems (unknown Intel 82527 error) caused all communications to stop. This error corresponds to CAN Bus Off state. Solution: Verify that the cabling is correct, devices are connected and operational, and proper bus power is applied.
-1074388736	BFF62100	Exceeded limit for total number of messages. Solution: For the Channel API, decrease the number of messages; for the Frame API, decrease number of CAN Objects that receive data by using the Network Interface to receive frames.
-1074388735	BFF62101	CAN chip supports at most 12 of the following CAN Objects: Tx By Response (Std or Xtd ID), Rx Xtd ID. Solutions: Set Tx By Response attributes to false; configure all Tx Xtd before Rx Xtd; do not use Net Intf to receive Xtd frames (CompXtd=None).
-1074388734	BFF62102	A sample rate (duration) that you submitted is too large or too small. Solution: Read the function description to determine whether to increase or decrease the sample rate.
-1074388733	BFF62103	The CAN or LIN hardware firmware no longer responds to commands from the Windows driver, usually due to frequent CAN/LIN or timer interrupts. Solution: For CAN, use comparator/mask (filter) properties to reduce received traffic.
-1074388732	BFF62104	The property ID, attribute ID, or operation code that you provided is invalid. Solution: Read the function description and verify that you are providing a valid ID.
-1074388731	BFF62105	The size or length that you provided is invalid (too small or large), and the operation could not continue. Solution: Read the function description and verify that you are providing a valid size or length.
-1074388730	BFF62106	The length that you provided for the timed transmit list is invalid. Solution: Decrease the length that you provide as the attribute for timed transmit length.
-1074388729	BFF62107	You tried to create two or more notifications in different threads of execution. Solutions: Create only one notification for each object; cancel notification (ncCreateNotification/ncCreateOccur.vi with DesiredState=0) prior to calling ncCloseObject.
-1074388728	BFF62108	The NI-CAN and NI-DNET functions cannot be used simultaneously on the same CAN card (even 2-port cards). Solution: Use two or more CAN cards, with NI-CAN on one card and NI-DNET on the other.
-1074388726	BFF6210A	The language interface for NI-CAN cannot find a required DLL (such as `NICAN.DLL`). Solution: Uninstall NI-CAN and reinstall.
-1074388725	BFF6210B	The language interface for NI-CAN cannot find a required function in `NICAN.DLL`. Solution: Uninstall NI-CAN and reinstall.
-1074388724	BFF6210C	The language interface for NI-CAN cannot acquire a required resource (for example, mutex). Solution: Uninstall NI-CAN and reinstall.
-1074388723	BFF6210D	Your application uses a feature that your NI CAN or LIN hardware does not support. Solutions: Contact NI to upgrade your CAN hardware; consult the programmer reference to avoid the new feature (typically related to RTSI or SJA1000); do not use the Channel API on USB-847x hardware.
-1074388722	BFF6210E	Your application uses a feature that only older Series 1 NI CAN hardware supports, but you are using Series 2 or later. Solution: Consult the programmer reference to update your application to the improved feature of your hardware.

-1074388721	BFF6210F	You cannot set the absolute timestamp when periodic CAN Objects are running. Solution: Set the timestamp prior to starting the CAN Objects (using ncAction).
-1074388720	BFF62110	You cannot use the Frame API and Channel API simultaneously on the same interface (such as CAN0). Tools in MAX use the Channel API. Solution: Use a different interface with each API.
-1074388719	BFF62111	You cannot call ncWaitForState more than once for the same object. Solution: Include all desired states in a single call to ncWaitForState, then use the returned state to invoke the proper code in your application.
-1074388718	BFF62112	You used a feature that requires the CAN interface to be running, but you did not Start the interface. Solution: Use the Start function before the run-only feature (usually Read or a property).
-1074388717	BFF62113	You connected two or more SourceTerminals to the same DestinationTerminal. Solutions: Make sure that you Clear your task at the end of your application; disconnect the previous SourceTerminal before connecting the new SourceTerminal.
-1074388716	BFF62114	You connected a SourceTerminal and DestinationTerminal combination that is not supported. Solution: Refer to ConnectTerminals in the programmer reference for a listing of valid terminal combinations.
-1074388715	BFF62115	The start trigger that you specified in ConnectTerminals occurred before you called NI-CAN Start. Therefore, CAN and/or DAQ tasks start in the wrong order. Solution: Start tasks that receive the start trigger, then Start the task that generates it.
-1074388714	BFF62116	The string input parameter is too large. Solution: Consult the programmer reference to determine the maximum length of input string(s).
-1074388713	BFF62117	You called ReadMult for an object configured with Read Queue Length zero. Solution: Configure Read Queue Length to a value greater than zero.
-1074388712	BFF62118	The NI-CAN driver failed to initialize the hardware. This may be due to a hardware resource conflict, such as the card's IRQ or physical memory. Solution: Select the CAN card in MAX, run the self-test, and view the resulting Status message for assistance.
-1074388711	BFF62119	You are calling Read too slowly for one task, but not others. The task that you Read slowly lost some of the oldest data from the network. Solution: Remove long waits from your application to ensure that you Read CAN tasks uniformly.
-1074388710	BFF6211A	NI-CAN copies received CAN frames from the card to a large kernel-level queue. There is one queue for each Channel API message and one queue for each Frame API Network Interface. If your application does not read fast enough to empty this queue over time, the newest frames are lost. Solutions: Call Read more frequently (such as by reducing user interface code); Frame API: use filter attributes to reduce receive traffic; Channel API: reduce the number of messages in your tasks; use single sample Input (sample rate 0).
-1074388708	BFF6211C	You initialized the same message with different I/O modes. Solutions: For each message, use only one I/O mode and sample rate (0 or not) combination at a time; use a different interface (port) for each mode.
-1074388707	BFF6211D	Network Interface or CAN Object configuration is missing. All attributes of an object are deleted when the object is closed. Solutions: Call Config before every Open of an object; config the Net Interface prior to all Open calls (even if only CAN Objects).
-1074388706	BFF6211E	You set a transceiver mode that your CAN hardware does not support. For example, Single-Wire modes are not supported for High-Speed or Low-Speed/Fault-Tolerant transceivers. Solution: Consult the manual to determine the valid transceiver modes for your hardware.

-1074388705	BFF6211F	Wrong attribute/property for the transceiver mode given the current transceiver type. Solution: When the transceiver type is External, use only the Transceiver External Outputs attribute. For all other transceiver types, use only the Transceiver Mode attribute.
-1074388704	BFF62120	Your application uses a feature that only XS models of NI CAN hardware support. For example, you tried to set the Transceiver Type. Solutions: Refer to the manual to avoid the XS feature; contact NI to upgrade your CAN hardware to XS.
-1074388703	BFF62121	You cannot use the CAN transceiver (such as start communication) with the transceiver disconnected. Use the Disconnected mode only during physical switching of an external transceiver. Solution: Set the transceiver type to External (or HS, LS, SW) before starting.
-1074388702	BFF62122	You attempted to transmit (write) a frame when Listen Only is true. The CAN controller does not allow transmission while Listen Only is enabled. Solutions: Set Listen Only to false (default); remove all code that transmits either data frames or remote frames.
-1074388701	BFF62123	You can change the attribute using ncSetAttribute only, not ncConfig. Solution: use ncConfig to configure the Net Interface with StartOnOpen false, use ncOpen to open the Net Interface, use ncSetAttribute to change the attribute, then use ncAction to start communication.
-1074388700	BFF62124	You used a baud rate that is not valid for your transceiver type. For example, Low-Speed transceivers are limited to 125 k, and Single-Wire transceivers are limited to 100 k. Solutions: Use MAX to specify a valid baud rate in the interface Properties dialog; for the Frame API, specify a valid baud rate in the Config function for the Net Interface.
-1074388699	BFF62125	NI-CAN copies received CAN frames from the card to a large kernel-level queue. There is one queue for each interface (port). If your application does not read fast enough to empty this queue over time, the newest frames are lost. Solutions: Call Read more frequently (such as by reducing user-interface code); avoid running other applications during your test (screen savers, MAX, etc.); use Series 2 Filter Mode to filter incoming traffic.
-1074388697	BFF62127	You connected an external timebase to the CAN card using ConnectTerminals, and the timebase disappeared (disconnected) during CAN communication (objects still open). Solution: Close/Clear NI-CAN objects before stopping the hardware that provided the timebase (such as a DAQ card).
-1074388696	BFF62128	You set the Timestamp Format attribute to enable relative timestamps, but one or more CAN objects were communicating. Solution: Ensure that all CAN communication for the card (including both interfaces) is stopped prior to setting the Timestamp Format attribute.
-1074388694	BFF6212A	The CAN logfile encoding is invalid. Solutions: If you are using a standardized format (such as the NI-CAN Logfile), ensure that the application that generated the file used the correct header and other encoding (refer to specification to verify); ensure that your file was not corrupted; change the code that reads the file to conform to the logfile specification.
-1074388688	BFF62130	The number of periodic output tasks (Mode = Output, Sample Rate > 0) exceeded the limit. Solution: Reduce the number of periodic output tasks in your application; if you are using LabVIEW RT, you can schedule the periodic transmit (Sample Rate = 0) in the diagram.
-1074388687	BFF62131	The hardware-related attribute (such as transceiver type) cannot be determined due to hardware limitations. Solution: Remove this attribute from your list of Get calls.

-1074388686	BFF62132	You wrote a Delay frame (type 5) to the virtual interface, and Virtual Bus Timing is disabled. Time delays are not simulated when Virtual Bus Timing is disabled. Solutions: Filter out the Delay frame; enable Virtual Bus Timing.
-1074388685	BFF62133	You set an attribute that is not supported when Virtual Bus Timing is disabled. Refer to the *Frame to Channel Conversion* section of the *NI-CAN Hardware and Software Manual* for a listing of attributes that return an error when Virtual Bus Timing is false. Solutions: Set Virtual Bus Timing to true (or leave as default); do not set the unsupported attribute.
-1074388683	BFF62135	You used a feature that is not supported for virtual interfaces. Solutions: Refer to the *Frame to Channel Conversion* section of the *NI-CAN Hardware and Software Manual* for a list of features that return an error for the virtual interface, and change your application to avoid that feature; run your application on real interfaces only.
-1074388682	BFF62136	You wrote more than 512 frames using the WriteMult function. Solution: Write frames in blocks of 512 frames or less.
-1074388681	BFF62137	Your CAN hardware is an early version that the current version of NI-CAN or NI-DNET does not support. Solutions: Revert to the previous version of NI-CAN or NI-DNET that you used originally; contact National Instruments to discuss options for a hardware upgrade or purchase.
-1074388680	BFF62138	You set Virtual Bus Timing to true on one virtual interface, and to false on another virtual interface. Solution: Set Virtual Bus Timing to the same value on all virtual interfaces.
-1074388679	BFF62139	You set an attribute on a real interface that is supported only for virtual interfaces, such as the Virtual Bus Timing attribute. Solutions: Remove the attribute from your application; run your application on virtual interfaces only.
-1074388678	BFF6213A	You set the Virtual Bus Timing attribute to false for virtual interfaces, then wrote a frame with a timestamp less than the timestamp of a previous frame (backward in time). When Virtual Bus Timing is false, timestamps must always increment forward in time. Solutions: Leave Virtual Bus Timing set to its default value of true (which allows backward time); verify that the timestamps of all frames progress forward in time.
-1074388672	BFF62140	You wrote a Delay frame (type 5) using a timestamp greater than 3 seconds. Solution: Limit the timestamp of each delay frame to 3 seconds or less.
-1074388671	BFF62141	You set a legacy error logging attribute (Log Comm Warnings) to true at the same time as a new error logging attribute (such as Log Transceiver Fault). You cannot use Log Comm Warnings with other error logging attributes. Solution: Remove Log Comm Warnings from your application to upgrade to the new attributes.
-1074388670	BFF62142	The boot loader of your CAN or LIN hardware has been updated. Solution: You need to power cycle the CAN or LIN hardware before you can continue to use it. You can power cycle USB-847x series hardware by disconnecting the device from the USB port of your computer.
-1074388576	BFF621A0	The LIN interface detected an incorrect bit value in a field of the LIN frame. Ensure that all devices attached to LIN are configured correctly and that there is no fault being introduced on the bus. For more specific error reporting, set the log bus errors attribute to true to see error details returned in bus error frames.
-1074388575	BFF621A1	The LIN interface detected an incorrect stop bit value in a field of the LIN frame. Ensure that all devices attached to LIN are configured correctly and that there is no fault being introduced on the bus. For more specific error reporting, set the log bus errors attribute to true to see error details returned in bus error frames.

-1074388574	BFF621A2	The LIN interface detected a timeout for a field of the LIN frame. Ensure that all devices attached to LIN are configured correctly and that there is no fault being introduced on the bus. For more specific error reporting, set the log bus errors attribute to true to see error details returned in bus error frames.
-1074388573	BFF621A3	The LIN interface detected unexpected behavior when attempting to wake, or be awakened by, LIN. Ensure that all devices attached to LIN are configured correctly and that there is no fault being introduced on the bus. For more specific error reporting, set the log bus errors attribute to true to see error details returned in bus error frames.
-1074388572	BFF621A4	The LIN interface detected that the form of a LIN frame was incorrect. Either the interface detected a header with no response followed by a second header, or a header with a response containing only one byte, within the maximum frame slot time. Ensure that all devices attached to LIN are configured correctly and that there is no fault being introduced on the bus. For more specific error reporting, set the log bus errors attribute to true to see error details returned in bus error frames.
-1074388571	BFF621A5	The LIN interface did not detect power on the LIN bus. Ensure that power is supplied to the bus.
-1074388480	BFF62200	Exceeded limit for total number of tasks. Solutions: Reduce the number of tasks in your application; if you use multiple tasks for the same message, combine them in order to use one task per message.
-1074388479	BFF62201	The channel was not found in MAX or the CAN database file. Solutions: Check for proper spelling using MAX; for Get/Set Property, ensure that the channel name exists in the task.
-1074388478	BFF62202	The channel exists in multiple messages, but you did not qualify the channel name with the message name. Solutions: Add the message name to the channel name using message.channel syntax.
-1074388477	BFF62203	Two or more messages use the same arbitration ID. Solution: Within MAX or your application, ensure that the arbitration ID is used for only one message.
-1074388476	BFF62204	The string output parameter is too small to return the entire string. Solution: Consult the programmer reference to determine the maximum length of output string(s).
-1074388475	BFF62205	Failed to open CAN database file. Solutions: Ensure that the file path for the file uses proper Windows syntax; ensure that the file exists on your system.
-1074388473	BFF62207	You passed NULL for a required pointer. Solution: Consult the programmer reference to ensure that you pass valid pointers to the function.
-1074388472	BFF62208	Cannot use Timestamped Input with a task whose channels span multiple messages. The resulting timestamps are ambiguous for such tasks. Solution: Initialize a separate task for each message.
-1074388471	BFF62209	Your call to Read or Write does not match the initialized input/output mode. For example, you called Read for a task initialized as output. Solution: Consult the programmer reference to ensure that the initialized mode matches the read/write.
-1074388470	BFF6220A	You set the Timeout property greater than zero, and the Read of timestamped samples detected a timeout before the number of desired samples arrived. Solutions: Set Timeout to zero to poll for available samples; increase the Timeout property.
-1074388469	BFF6220B	You did not pass an interface to Initialize, and a unique interface is not specified in MAX. Solutions: Use MAX to assign the same default interface for all messages in the task; pass the desired interface to Initialize.

-1074388468	BFF6220C	The interface is transmitting frames, but no device in the network is receiving (acknowledging). Solutions: When running port-to-port examples, start the receiving example first; verify that your CAN cabling and termination is correct.
-1074388466	BFF6220E	Start trigger did not occur for the task. You have routed the start trigger to be received from RTSI or some other terminal, but a pulse did not occur. Solution: Start the CAN task first, then start the data acquisition or other task immediately after.
-1074388465	BFF6220F	Message not found in MAX or the CAN database file. Solution: Check for proper spelling using MAX.
-1074388464	BFF62210	You created a message for the Channel API with a data length greater than 8 bytes. The CAN protocol supports only messages with a data length of 8 bytes or less. Larger messages require a higher-level protocol on top of CAN, such as SAE-J1939. Solution: Configure the number of bytes per message to 8 bytes or less.
-1074388463	BFF62211	You called Read or Write with 0 number of samples. You must read or write a buffer of at least one sample. Solution: Use a number of samples greater than or equal to 1.
-1074388462	BFF62212	You initialized a task with mode-dependent channels as a Timestamped Input, and you did not set the NoValue property prior to Start. Solutions: Set the NoValue property for all channels prior to Start; initialize a separate task for each mode.
-1074388461	BFF62213	You initialized (created) a channel with invalid values for one or more properties. For example, a message length greater than 8 is invalid, or start bit greater than the message length is invalid. Solution: Resolve the invalid properties.
-1074388460	BFF62214	You initialized a CAN Output task with two or more channels that overlap in the message. Solution: Initialize only one of the overlapping channels at a time.
-1074388457	BFF62217	You initialized a CAN channel that is represented as an integer larger than 52 bits in the CAN message. The limit for integer channels is 52 bits. Solution: Reduce the number of bits for the channel to 52 bits or less.
1073094662	3FF62006	The object is already open, but you are allowed to use a duplicate handle. Solutions: Ensure that only one application at a time uses an object , and that you close all objects prior to exiting your application. Do not use the LabVIEW toolbar Abort button.
1073094665	3FF62009	The data returned from this Read matches the data returned from the previous call to Read. Solutions: If you merely want the most recent data, ignore this warning; if you are using the NI-CAN Frame API or NI-DNET, you can Wait for the Read Avail state prior to calling Read.
1073094667	3FF6200B	CAN bus problems detected, but communication is proceeding. This warning corresponds to a CAN Error Passive state. Solutions: Verify that the cabling is correct, devices are connected and operational, and proper bus power is applied.
1073094668	3FF6200C	CAN transceiver warning, typically indicated by the NERR signal. A fault exists on the bus, but communication continues. Solution: Verify that cabling is correct.
1073094677	3FF62015	The user notification function never returned. The Object was closed regardless. Solutions: Remove long loops or other time-consuming code from the function used with Create Notification.
1073094699	3FF6202B	CAN bus problems detected (stuff error), but communication is proceeding. This warning corresponds to CAN Error Passive state. Solutions: Verify that the cabling is correct, devices are connected and operational, and proper bus power is applied.

1073094701	3FF6202D	Exceeded resource limit for queues in shared memory between firmware/driver. Read or write queue performance is reduced. Solutions: Decrease queue lengths in objects; decrease the total number of objects.
1073094731	3FF6204B	CAN bus problems detected (bad frame format), but communication is proceeding. This warning corresponds to CAN Error Passive state. Solutions: Verify that the cabling is correct, devices are connected and operational, and proper bus power is applied.
1073094763	3FF6206B	CAN bus problems detected (no ack), but communication is proceeding. This warning corresponds to CAN Error Passive state. Solutions: Verify that the cabling is correct, devices are connected and operational, and proper bus power is applied.
1073094795	3FF6208B	CAN bus problems detected (tx 1, rx 0), but communication is proceeding. This warning corresponds to CAN Error Passive state. Solutions: Verify that the cabling is correct, devices are connected and operational, and proper bus power is applied.
1073094827	3FF620AB	CAN bus problems detected (tx 0, rx 1), but communication is proceeding. This warning corresponds to CAN Error Passive state. Solutions: Verify that the cabling is correct, devices are connected and operational, and proper bus power is applied.
1073094859	3FF620CB	CAN bus problems detected (bad CRC), but communication is proceeding. This warning corresponds to CAN Error Passive state. Solutions: Verify that the cabling is correct, devices are connected and operational, and proper bus power is applied.
1073094891	3FF620EB	CAN bus problems detected (unknown Intel 82527 error), but communication is proceeding. This warning corresponds to CAN Error Passive state. Solutions: Verify that the cabling is correct, devices are connected and operational, and proper bus power is applied.
1073094917	3FF62105	The size or length that you provided is invalid (too small or large), but the operation continued successfully. Solution: Read the function description and verify that you are providing a valid size (or length).
1073094921	3FF62109	The combined sample rates of all messages result in timing that is too fast. Solutions: Decrease number of messages; decrease one or more sample rates; for the Frame API, use Net Interface for all receiving.
1073094950	3FF62126	You configured CAN transmit when a RTSI input pulses, and the RTSI rate occurs faster than CAN frames can be transmitted at the specified baud rate. Solution: Configure the source of RTSI pulse (that is, DAQ counter) for a slower rate.
1073095078	3FF621A6	The percent difference between the passed-in baud rate and the actual baud rate was greater than or equal to 0.5 %. LIN 2.0 specifies a clock tolerance of less than 0.5 % for a master and less than 1.5 % for a slave.
1073095174	3FF62206	Your task is initialized with sample rate 0, but you Read or Write more than a single sample. Because unsampled frame transfer uses only a single sample, the additional samples are redundant. Solution: Read or Write only one sample (single-sample modes).
1073095181	3FF6220D	A task is already running, and you called Start. The additional Start is ignored. Solution: If you use InitStart for a task, an additional Start is not required.
1073095188	3FF62214	Two or more channels overlap in a message. If you know that this overlap is intentional, you can ignore this warning. Solutions: Change start bit or number of bits to avoid overlap; define the overlapping channels as mode dependent.

1073095189	3FF62215	When reading a .dbc file, GetNames detected multiple messages with the same name. To resolve this ambiguity, NI-CAN renamed the messages by adding the suffix "_<ID value>". Solutions: Change the .dbc file to ensure all message names are unique; use the renamed messages in your application (ignore the warning).
1073095190	3FF62216	GetNames detected invalid channels in the database, and those invalid channels were removed from the returned list of channels. (For example, a channel with a start bit greater than the message length.) Solutions: Resolve the invalid properties in the database (using MAX or other vendor's editor); use only valid channels in your application (ignore the warning).