



**Monitoring Automation Systems**

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# **MASlink Host Instruction Manual**

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**For Version 5.50.65**

**Monitoring Automation Systems**

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MASlink Host Instruction Manual

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# Introduction

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## ***What Is MASlink?***

**MASlink** is a software package that maintains all or a portion of the Central Station's account data base on a PC at a remote location. This allows **MASlink** PC users to see the daily alarm activity of their accounts, run reports for customers and for their own record keeping, and communicate with the Central Station using computerized memos.

The generic term "Remote PC" (RPC) is used to refer to a single personal computer running the PC version of **MASlink**. To keep the RPC's data base updated, the central station's computer periodically communicates with the PC. The communication sessions are scheduled to occur automatically, but they can be done manually when necessary. Automatic communication sessions are done at preset times, usually once or more each day. Manual communication sessions may be done at the RPC's request or when it is necessary to update a PC's data base immediately.

Optionally, central stations can allow PC users to request changes to account data. Any requested changes will be reviewed by a central station operator before being accepted into the Central Station data base. Of course, all interactions between remote PCs and the Central Station can be printed out using the report screens.

## ***Package Contents***

The **MASlink** package for the Central Station contains the following materials:

- **MASlink** modem provided by MAS
- **MASlink** modem cable provided by MAS
- One PC version of **MASlink**
- One **MASlink** PC user manual
- One **MASlink** Central Station user manual

### **Conventions**

**MASlink** uses all the same operating conventions that are used in the Central Station software. Refer to the Central Station manual for a complete discussions of MAS' software conventions.

### **How This Manual Is Organized**

This manual presents the purpose and use of each **MASlink** screen as well as the accepted entries for each field, all command line options, and the relationships between screens. The **MASlink** manual is organized according to how each group of screens is used. For example, all screens that are used to review requests from RPCs to change account information are grouped in the section titled "Review Screens," and all screens that print reports are grouped in the section titled "Report Screens." Each group of screens is described in a section that focuses only on those screens and their function. The introduction to each section defines the purpose of the screens and explains any screen messages, prompts, and command line options that are unique to those screens.

In the Overview section, however, the screens are arranged in numerical order. The Overview section gives a brief explanation of each of the screens. It is intended as a quick reference of screen purposes.

### **Startup Considerations**

Before you install **MASlink**, you will need to consider the following:

1. **MASlink** is designed for use with MAS Central Station version 5.30.07 and above only. This manual is written for Central Station version 5.50. Earlier versions of the MAS Central Station will require different set up procedures. If you want to offer **MASlink** to your customers, contact MAS and ask to be upgraded to the current version of our Central Station software.
2. You will need to provide a phone line for a modem connection, or a direct connect cable for each RPC you want connected by direct cable.
3. You must identify the event codes that will be available to your RPCs on Screen 51. See the "Utilities Screens" section of this manual for details about setting up this screen.
4. You must select the states for which you want agency information included for **MASlink**. You can enter up to eight states or include all agency information in your Central Station data base.
5. If you plan to send common overflow information to your RPCs, you must identify one installer for each common overflow page. On Screen 011, field 2, enter the one installer you want connected to this page of common overflow information. You cannot enter more than one installer per common overflow page.
6. If you are not running a redundant system, it is important that you familiarize yourself with the STARTTALK and STOPTALK commands, if you are not familiar with these already.

# Overview

The Overview section is a summary of **MASlink**. You will be introduced to **MASlink's** two menus and each of the **MASlink** screens.

## Screen 700 - MASlink Menu

```

Monitoring Automation Systems
06/04/98    09:02    Central Station 5.50.65    CRT: 333    CS-700
~~~~~
MASlink Menu

701 Review Account Changes          711 System History View
702 Review Accounts On Hold        712 Communication History View
703 Review Common Overflow         713 Request Manual Session
704 Memos                          714 Remote Request Log

Accounts To Review                  12
Accounts On Hold                   2
Common O'flo To Review             0

System Memos                       0
Incoming Memos                     3
Outgoing Memos To Send             4
Outgoing Memos Sent                6

722 Communication History Report
723 Requested Changes Report
724 Memo Report
725 Remote PC Listing
726 Account Totals Report
727 Field Equipment Error Report

750 Setup & Utility Menu

Enter Procedure Number

:disk3:ALARM:STD                                @LPT

```

### The **MASlink** Main Menu

The **MASlink** Main Menu is shown above. You may move to one of the screens shown on the menu by entering the screen number at the command line. Screen 750 is the Setup and Utility Menu. Each screen on this menu is described in this overview section and in the introduction to the section where the screen is included.

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### Display Fields

There is a group of display fields in the lower left portion of the screen. These fields show how many incoming and outgoing memos are stored, how many accounts are on hold and need to be reviewed, and how many common overflow pages there are to review.

### To return to the **MASlink** Main Menu

At the command line of any **MASlink** screen, enter a semicolon (;) to return to the **MASlink** Main Menu, Screen 700. To return to the Central Station Main Menu, enter a semicolon (;) at the command line of the **MASlink** Main Menu.

### Screen 701 - Review Account Changes

This screen is used to review all requests from RPCs to add, change, or delete account information. These include requests to change master file data, zone information, schedules, holidays, mail-to addresses, passcards, zone dispatch information, and overflow information.

Screen 701 resembles Screen 42 except that 701 has five command line options for **MASlink** purposes only: B'EFORE, C'HANGES, A'CCEPT, R'EJECT, and HOLD.

On the **MASlink** Main Menu, the number to the right of the **ACCOUNTS TO REVIEW** display field indicates the number of accounts in the review buffer. See the "Review Screens" section for detailed information about each field and its function.

### Screen 702 - Review Accounts On Hold

This screen resembles Screen 701, but it is used to review accounts that have been put on hold. On the **MASlink** Main Menu, the number to the right of the **ACCOUNTS ON HOLD** display field indicates the number of accounts that are temporarily being held until changes are approved or rejected. Typically, an account will be put on hold when a change is requested that cannot be accepted immediately. See the "Review Screens" section for more details.

### Screen 703 - Review Common Overflow

This screen is used to review requests from an RPC to make changes to common overflow pages. On the **MASlink** Main Menu, the number to the right of the **COMMON O'FLO TO REVIEW** display field indicates the number of common overflow pages currently in the review buffer. See the "Review Screens" section for more details.

### Screen 704 - Memos

This screen is used to read memos sent from RPCs or system memos created by **MASlink**. You can also create memos to send to RPCs. On the **MASlink** Main Menu, the numbers to the right of **SYSTEM MEMOS**, **INCOMING MEMOS**, **OUTGOING MEMOS TO SEND**, and **OUTGOING MEMOS SENT** indicate the number of memos in each category. See the "Memo Screen" section for more details.

### Screen 711 - System History View

This screen is used to view the results of the last twelve communication sessions. (Only one RPC may be called during each communication session.) Global information such as beginning and ending dates and times, total modem time, and communication errors can be viewed here. See the "Communication Screens" section for details.

### Screen 712 - Communication History View

This screen is used to view a detailed history of communication for a specific RPC. Every time an RPC is called, **MASlink** logs information about the call such as date and time called, total time connected, and the number of bytes sent and received. See the "Communication Screens" section for details.

### Screen 713 - Request Manual Session

This screen is used when it is necessary to call a specific RPC or group of RPCs at an unscheduled time. **MASlink** either calls RPCs automatically (on a scheduled basis) or immediately when a manual session is requested. Automatic communication sessions are scheduled on Screen 751. See the "Communication Screens" section for details.

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### **Screen 722 - Communication History Report**

This screen is used to print the information that is displayed on Screen 712, *Communication History View*. See the "Report Screens" section for details.

### **Screen 723 - Requested History Report**

This screen is used to print all requested changes that are currently in both the review and the accounts on hold buffer. The report includes account information and common overflow pages. This report is typically run to keep a backup on paper of changes received from RPCs. See the "Report Screens" section for details.

### **Screen 724 - Memo Report**

This screen prints a report of all incoming, outgoing, and system memos. The memos appear on the report as displayed on Screen 704A. See the "Report Screens" section for details.

### **Screen 725 - Remote PC Listing**

This screen is used to print the setup information for each RPC that is maintained on Screen 752, *Remote PC Maintenance*. See the "Report Screens" section for details.

### **Screen 726 - Account Totals Reports**

This is a report of the total number of installers and accounts for each RPC. The report shows each installer's number, name, the number of accounts for each installer, and the number of accounts marked for deletion. See the "Report Screens" section for details.

## Screen 750 - Setup & Utility Menu

```
06/04/98    09:06    Monitoring Automation Systems
                  Central Station 5.50.65    CRT: 333    CS-750
~~~~~
                  Setup & Utility Menu

              751 Control File Maintenance
              752 Remote PC Maintenance
              753 Build Packet To Download
              754 Disable Master File Fields
              755 Communication Task Setup

              761 Communication History Purge
              762 Installer/RPC# Cross Reference
              763 MASlink File Repairs
              764 Location/RPC# Cross Reference
              765 Location Maintenance Record Repair

              770 Program/User Security Maintenance

                  Enter Screen Number

:disk3:ALARM:STD                                     @LPT
```

This menu is used to select the setup and utility screens which allow you to maintain your **MASlink** system. At the command line, enter the number of the screen you want to view.

### Screen 751 - Control File Maintenance

This screen is used to set up the times when communication sessions will automatically occur as well as some other basic setup information. Currently, all fields pertain to communication. See the "Communication Screens" section for details.

### **Screen 752 - Remote PC Maintenance**

This screen is used to enter setup information for each Remote PC including the RPC's name, address, installer number(s), and connection information. This screen is also used to set up a C machine, if you use an extra host computer (C machine) to store database information. See the "Setup Screens" section for details.

### **Screen 753 - Build Packet to Download**

This screen is used to build a packet of data to be sent to a specific RPC during the next communication session. Most frequently this screen is used to build the initial download packet containing all of an RPC's account information as well as system information such as event codes and police and fire departments that each RPC will need. See the "Setup Screens" section for details.

### **Screen 754 - Disable Master File Fields.**

This screen is used to disable, or turn off, specific master file fields so that RPCs cannot change them. The disable information you enter on this screen is sent to RPCs to limit their access to certain fields. See the "Setup Screens" section for details.

### **Screen 755 - Communication Task Setup**

This screen is used to set up the communication tasks that control which modems will communicate with the RPCs. See the "Communication Screens" section for details.

### **Screen 761 - Communication History Purge**

This screen is used to permanently remove communication history data for one or more RPCs. See the "Utility Screens" section for details.

### **Screen 762 - Installer/RPC# Cross Reference**

This screen is used to locate all RPCs that are associated with a specific installer. See the "Utility Screens" section for details.

**Screen 763 - MASlink File Repairs**

This utility screen is used to re-create the original file when the contents of a file have been damaged. See the "Utility Screens" section for details. This utility should only be run when instructed to do so by MAS.

**Screen 764 - Location/RPC# Cross Reference**

This utility screen is used to display all RPCs whose accounts have been assigned to a selected CS location. See the "Utility Screens" section for details.

**Screen 765 - Location Maintenance Record Repair**

If you have any RPCs that are set up to receive accounts that are classified by location, you may use this screen to update the master location file which stores the total number of RPCs that have a specific location. This utility should only be run when instructed to do so by MAS. See the "Utility Screens" section for details.

**Screen 770 - Program / User Security Maintenance**

This screen is used to set up user security for a specific RPC type. This screen is similar to Screen 360 in that you are assigning access levels to user security levels for a specific program. See the "Setup Screens" section for details.

**Notes...**

# Setup Screens

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This section contains detailed information about the screens used for two things: to set up options that control the **MASlink** Host System, and to set up a new RPC. The typical setup sequence is as follows.

1. If you are going to allow any of your RPCs to change account data, use Screen 754, *Disable Master File Fields*, to disable any master file fields you don't want the RPCs to be able to change.
2. Set up the communication tasks that control the system's modem(s). Communication tasks are set up using Screen 755, *Communication Task Setup*. To activate the communication task, you must stop the CS system (use 982), and then restart it (use 932).
3. Enter the new RPC on Screen 752, *Remote PC Maintenance*. You will need to know the new RPC number, the installers whose data you want to send to the RPC OR the location records that will be sent of the RPC, the phone number of the RPC's modem, and other details. See the field descriptions for Screen 752 in this section.
4. Build the initial download packet using Screen 753, *Build Packet To Download*. This packet will include all account information for the installers you entered on Screen 752A OR the locations you entered on 752 as well as system information, such as event codes, agency information, and holidays.
5. Communicate with the RPC. The automatic communication session will occur at the scheduled time, or you can initiate a manual communication session. The section on "Communication Screens" describes how to request a manual communication session with a new RPC.

Refer to the description of each setup screen for information on screens 752 through 755 mentioned above.

## Screen 751 - Control File Maintenance

MAS		Control File Maintenance		CS-751	
1 Central Station ID#		6 Enable Auto Sessions? (Y/N)		<b>N</b>	
2 Periodic Session History? (Y/N)	<b>Y</b>				
Remote Request Parameters		Automatic Session			
			Start	Last Date	
		7 Group A	17:00		
3 Modem Port		8 Group B	18:00		
4 Area Code	<b>714</b>	9 Group C	19:00	6/02/98	
5 Phone Number	<b>5557850</b>	10 Group D	20:00	6/02/98	
		11 Group E	21:00	6/03/98	
		12 Group F	22:00		
		13 Group G	23:00	6/03/98	
		14 Group H	1:00	11/02/98	
		15 Group I	2:00	11/02/98	
		16 Group J	3:00	11/02/98	
		17 Group K	4:00	11/02/98	
		18 Group L	5:00	11/02/98	
#, S'ave, or R'epeat#, M'odem					

### Purpose

This screen is used to for two purposes. First, you will enter the basic configuration information. Second, you will enter the automatic communication schedule.

### Fields

#### 1 CENTRAL STATION ID#

Enter your central station identification number. This number is assigned by MAS and will appear on every PC version that you receive from MAS, as will the RPC number. If the central station identification number is not entered, all communication attempts will fail. Contact MAS if you don't know your central station identification number.

#### 2 PERIODIC SESSION HISTORY

If you wish to keep history on Screen 711, *System History View*, for the C machine, enter **Y** in periodic session history.

**3 MODEM PORT**

Enter the port number of a second modem that will receive requests from RPCs for immediate communication.

**4 AREA CODE**

Enter the area code of the phone number that will receive requests from RPCs.

**5 PHONE NUMBER**

Enter the phone number that will receive requests from RPCs.

**6 ENABLE AUTO SESSIONS? (Y/N)**

Enter **Y** to activate automatic communication sessions. Once automatic sessions are enabled, **MASlink** will call designated RPCs, in RPC order, or the C machine at the times entered in the fields described below. Enter **N** to disable automatic communication sessions.

**7-18 AUTO SESSION GROUP X START TIME**

Enter the time that you want each automatic session to begin (HHMM - 24 hour format). You can schedule up to eight automatic sessions per day labeled A through L. For any given session, all RPCs and/or the C machine with a session ID in the automatic sessions group field of Screen 752 will be called. For example, all RPCs that have an A in the automatic sessions group field will be called during the group A automatic session.

**Command Line**

#

Enter the number of the field in which you want to enter or modify information.

**S'AVE**

Enter **S** to save the control file information.

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### **R'EPEAT**

Use the **R'EPEAT** command to repeat the session for a selected RPC group. You may repeat a session by entering **R** followed by the field number (1 - 8) or by the group letter (A - L) of the group to be repeated.

### **M'ODEM**

Enter **M** to go to Screen 751M, *Modem String Maintenance*, where you can customize or test the modem strings that will determine the commands sent to the modem.

## Screen 751M - Modem String Maintenance

MAS	MODEM STRING MAINTENANCE	CS-751M
1	ATZ	11
2	ATE0	12
3		13
4		14
5		15
6		16
7		17
8		18
9		19
10		20
#, S'ave, R'eturn		

### Purpose

This screen is used to put in modem strings, which will determine the commands sent to the modem. These modem strings can be used to customize a one-time communication session in the event that you are having communication difficulties with the standard modem strings. You can also use this screen to set up modem strings to test new commands. After you have found a modem string that suits your needs, you can then set it up as your standard modem string.

### Command Line

#

Enter the line number (1-20) of the field where you want to enter or modify a modem string.

### S'AVE

Enter **S** to save the displayed modem strings.

### R'ETURN

Enter **R** to return to Screen 751.

## Screen 754 - Disable Master File Fields

MAS		Disable Master File Fields		CS-754
1 (S)	2 Site/Sub			
3 Name				
4 Adrl		(Y=Disabled)	34 Installer	
5 Adr2				
6 CSZp				
9 Akey		24 (P) ATI		
10 Nkey		25 (S) ATI		
11 Phn1	x	26 TZone	35 WO Num	
13 Phn2	x	27 DST Grp#	36 ULCode	
15 Telco Ln#		28 R/S ?	37 CS Loc	
16 UDF1		29 SType	38 SV Loc	
17 UDF2		30 En/Xt	39 GD Loc	
18 MTyp		32 Spec1	40 # Grds	
19 Map#		33 KeyNo	41 Sv Typ	
20 Type			42 MLFreq	43 Start Y
21 BR			44 AltID	
22 PD			45 PT	
23 FD			46 MD	
47 Send Flags To All RPC's? (Y/N)				
# or S'ave				

### Purpose

This screen is used to prevent RPCs from changing sensitive account information. Individual fields can be disabled so that the RPC will be able to view but not alter that specific account information. The information on this screen will hereafter be referred to as the "master file disable flags."

### Fields

Most fields correspond exactly to those on Screen 042, *Account Update*. To disable a specific field, enter the field number at the command line, then enter a **Y** for yes in the field. Note that a **Y** means that the field is to be disabled. To enable a field, enter an **N** or a space in the field (i.e. leave the field blank). Fields that appear on Screen 42 but not on 754, or on Screen 754 but not on 042 will be explained on the following pages.

#### 2 SITE/SUB

Enter a **Y** here to prevent RPCs from entering site or subsite accounts.

#### 29 STYPE (SERVICE TYPE)

This field does not exist on the PC, and so it does not need to be disabled.

**45 SEND FLAGS TO ALL RPCS?**

Enter **Y** here to tell **MASlink** to send the disable flags to all RPCs when they are called.  
Enter **N** to stop the sending of the flags to RPCs.

**Note**

There is also a field on Screen 752, *Remote PC Maintenance*, to tell **MASlink** to send the disable flags to a specific RPC the next time that RPC is called.

**Command Line**

#

Enter the number of the field in which you want to place a disable flag. The cursor moves to that field. Enter a **Y** to prevent that information from being sent to RPCs.

**S'AVE**

Enter **S** at the command line to save the master file disable flags.

## Screen 752 - Remote PC Maintenance

MAS		Remote PC Maintenance		CS-752	
RPC# 1	Installers: 24, 25, 26, 27, 28, 29, 30, 31, 32				
1 Name	RPC NUMBER 1	27 Communicate With RPC?		Y	
2 Addr1		28 Receive Data From RPC?		Y	
3 Addr2		29 Allow Remote Requests?		Y	
4 C/S/Z		30 Download Activity?		Y	
7 Phones		31 Retry Next Session?		Y	
		32 Send MF Disable Flags?		N	
9 Periodic Session Frequency (Mins)		33 Allow Request Generation?		N	
10 Connect Type (D'irect, M'odem, W'AN)	D	34 Upload MASTrak Billing?		N	
11 Direct Line Port Number	36	35 Auto Accept Requests?		N	
12 Baud Rate	19200	36 Max PC Packet Size (in K)	300		
13 Tasks To Call RPC (Blank=All)		37 Send Table Files?		Y	
14 Phone# or Logon		38 Use MASlink for Windows?		N	
15 Logoff					
16 RPC Groups (A-L)					
17 Agency States (8)					
25 Activity Cutoff	6/03/98 12:57:47				
PC Versions: Main 3.07 Talk 3.07 Last Call: 6/03/98 12:57					
#, S'ave, I'nstallers, D'elete, L'ocations or N'ext					

### Purpose

This screen is used to enter new RPCs or modify information for existing RPCs.

### Fields

#### RPC#

The RPC# is a one to six digit number which identifies the RPC. All RPC numbers must be numeric. Characters of the alphabet are not acceptable. When you order a PC version of **MASlink**, you must specify the new RPC# because this number is fixed, or hard-coded, in the PC software by MAS. Typically, the RPC number is the same as the number of the installer whose data you plan to send to this RPC.

Enter the RPC#. If the RPC# you entered already exists, the information for the RPC will be displayed and the cursor will move to the command line. If this is a new RPC#, the cursor will move to the name field and you can begin entering data for this RPC.

**INSTALLERS:**

The installers which you have entered for this RPC are displayed here. If there is not enough room for all of the installers to be displayed, three dots will appear at the end of the displayed installer number numbers. To view all installers, go to screen 752A by entering **I** (INSTALLER) at the command line.

**1 NAME**

Enter the name of this RPC user (maximum 30 characters).

**2 ADDR1**

Enter the first line of address information for this RPC location (maximum 30 characters).

**3 ADDR2**

Enter the second line of address information for this RPC location (maximum 30 characters).

**4 C/S/Z**

Enter the city (maximum 17 characters), state (2 characters), and zip code (maximum 10 characters) for this RPC.

**7-8 PHONES**

Enter up to two phone numbers (each maximum 12 characters).

**9 PERIODIC SESSION FREQUENCY**

This field is used only if your **MASlink** host system communicates with this RPC using periodic sessions. In periodic session frequency enter how often, in minutes, the **MASlink** host system will call this RPC.

**10 CONNECT TYPE (D'IRECT, M'ODEM, W'AN)**

Enter **M** if the central station computer will use a modem to call the RPC over phone lines, or **D** if the RPC is connected to the central station computer by a direct cable. Enter **W** if the RPC is a C machine and is also part of a Wide Area Network (WAN). Entering **W** requires additional setup. Please consult your **MASlink** support representative for more information.

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### 11 DIRECT LINE PORT NUMBER

If you entered **D** in the connection type field above, enter the output port to which the RPC is connected. If you entered **M** in the connection type field, leave this field blank.

### 12 BAUD RATE

Enter the rate at which the central station **MASlink** host system and the host modem may communicate. Typical modem baud rates include **1200, 2400, 9600, and 14400**.

### 13 TASKS TO CALL RPC

Enter the communications tasks (1-8) that will determine which modems call the specified RPC. This field is used in cases when you need to designate a specific a modem for an RPC in order to control which phone lines are being used. For example, you may want to specify a modem that will make only local or toll calls in order to avoid long distance charges.

### 14 PHONE# OR LOGON

If you entered **M** in the connection type field, enter the phone number the central station computer will dial to connect with this RPC. Do not use dashes or parentheses between or around the numbers. You may need to include the number one (1) if dialing long distance, a nine (9) to get an outside line, etc. If you entered **D** in the connection type field, you may enter a log on command string here. Otherwise, leave these fields blank.

Each comma will enter a two second pause. For example, when a number must be preceded by a nine, a pause is usually required before the number can be entered. Enter as many commas as are needed to create an adequate pause. To enter special characters such as a carriage return or a control character, enter the ASCII code between angle brackets. For example, enter **<13>** for a carriage return.

### 15 LOGOFF

If you entered **D** in the connection type field, you may enter a log off command string here. Otherwise, leave this field blank. See field 14 for a description of how to enter special characters.

### 16 RPC GROUPS (A-L)

Enter the letters that identify the RPC group(s) in which you want this RPC included. For example, to include this RPC in groups A, B, and F, enter **ABF**. (See Screen 751 to set up automatic communication session times for each group.)

**17-24 PD/FD STATES (8)**

If you want to send only police and fire department information for specific states to this RPC, you can enter up to eight state abbreviations (remember to press **Enter** after each). If you want to send all of the agencies in the system to this RPC, leave this field blank. States must be entered on Screens 52 and 53.

**25-26 ACTIVITY CUTOFF**

These fields are typically for display purposes only. They indicate the date and time of the last (most recent) event history that was sent to this RPC. Events occurring after this date and time have not yet been sent to this RPC.

The next time **MASlink** calls this RPC, it will send all event history from this date and time through the current date and time.

If you wish to transmit event history from an earlier period than was included in the previous communication to this RPC, you may change the date and time accordingly. During the next communication, the event history will be sent starting from the date and time specified in this field.

***If the SEND ACTIVITY field is N, fields 25-26 are not operative.***

**27 COMMUNICATE WITH RPC? (Y/N)**

Enter **Y** to enable communication with this RPC. Enter **N** to temporarily disable any communication with this RPC. Packets will still be built for this RPC even if **N** is entered.

**28 RECEIVE DATA FROM RPC? (Y/N)**

Enter **Y** if you are going to allow this RPC to modify account data. Enter **N** to disallow account changes by this RPC.

**29 ALLOW REMOTE REQUESTS?**

Enter **Y** if RPCs can request a communication session. If you do not want this RPC to be allowed to request a communication session, enter **N**.

**30 DOWNLOAD ACTIVITY? (Y/N)**

Enter **Y** if you want to send event history to this RPC. Enter **N** to send only database changes.

## 24 Setup Screens

---

### 31 RETRY NEXT SESSION? (Y/N)

If an automatic communication session has been unsuccessful, a **Y** in this field tells **MASlink** to try again to communicate the missed information during the next automatic communication session, even if this RPC is not normally called during the next scheduled session. Enter **N** to call this RPC only during his next specified automatic communication session.

### 32 SEND MF DISABLE FLAGS? (Y/N)

Enter **Y** to send the master file disable flags to this RPC the next time it is called. Enter **N** if you do not want to send the master file disable flags. Master file disable flags are set up on Screen 754.

### 33 ALLOW REQUEST GENERATION?

Enter **Y** if RPCs are allowed to send all zone comments in one session. If you want the RPCs to select individual accounts in order to send zone comments, enter **N**.

### 34 UPLOAD MASTRAK BILLING?

This option is used only by a **MASlink** host system which uses MAS Billing/Receivables and an RPC which uses **MAStrak**.

Enter **Y** if this RPC is allowed to send completed jobs (from **MAStrak**) to the host's MAS Billing/Receivables system for invoicing. If the host does not use MAS Billing/Receivables, if the RPC does not use **MAStrak**, or if you do not wish to allow this RPC to send completed jobs to the host for invoicing, enter **N**.

### 35 AUTO ACCEPT REQUESTS?

If you would like all changes received from the RPC to be added to your Central Station's database without your review, enter **Y** in this field. If you wish to review changes sent by the RPC before they are added to your Central Station's database, enter **N** in this field. ***This field involves additional setup that should be reviewed thoroughly before a decision is made whether to use it. For more information on this feature, contact MAS.***

**36 MAX PC PACKET SIZE (IN K)**

Enter the maximum size (in kilobytes) of the information packet. This field is a useful way to break down the information in a packet into smaller, more manageable pieces, which eases the transmission process. When you build a packet to download, the system will automatically break down the packet into the size you specify in this field, if necessary.

**37 SEND TABLE FILES**

If you are using **MASlink** with multiple hosts, which means a single RPC can communicate with more than one host, you will use this field to determine which host will send the tables files. Only one host can send tables files to the RPC. Enter **Y** to indicate the current host can send tables files to the RPC. Enter **N** to indicate that the current host cannot send table files. This field is only used if the hosts are identical. For example, if you have an RPC set up to receive information from two different branches of the same company, you will need to specify which branch will send the table files to the RPC.

**38 USE MASLINK FOR WINDOWS?**

If the RPC is using **MASlink** for Windows, then enter **Y** in this field. Enter **N** if the RPC is using **MASlink** version 3.

**Command Line**

#

Enter the number of the field in which you want to enter or modify information.

**S'AVE**

Enter **S** at the command line to save a new RPC or the changes to an existing RPC.

**I'NSTALLERS**

To enter or modify the list of installers that will determine which accounts will be sent to this RPC, enter **I** at the command line. Screen 752A will be displayed.

## 26 Setup Screens

---

### D'ELETE

Enter **D** at the command line to delete this RPC. The prompt **CONFIRM?** will appear. Enter **Y** to delete all information connected to the RPC such as history, installers, etc. Enter **N** at the **CONFIRM?** prompt to cancel the deletion process.

### L'OCATIONS

To enter or modify the list of location records that will determine which accounts will be sent to this RPC, enter **L** at the command line. This feature is called **MASlink** partitioning. Screen 752B will be displayed.

### N'EXT

To enter or view another RPC's information, enter **N** at the command line. The screen will be cleared and the cursor will return to the **RPC#** field.

## Screen 752A - Remote PC Maintenance - Installers

MAS		Remote PC Maintenance - Installers		CS-752A	
RPC#	1	RPC NUMBER	1	PAGE: 1	
1	1	to	2	17	7
2	6	to	8	18	to
3	14	to	14	19	to
4		to		20	to
5		to		21	to
6		to		22	to
7		to		23	to
8		to		24	to
9		to		25	to
10		to		26	to
11		to		27	to
12		to		28	to
13		to		29	to
14		to		30	to
15		to		31	to
16		to		32	to

#, S'ave, M'ore, P'rev, or R'eturn

### Purpose

This screen is used to define one or more installers associated with an RPC. During the initial communication session between the RPC and the host, the host will send the entire account database for each installer listed on this screen. When information is added, changed, or deleted from the installer's account database, the host will send the new information to the RPC. Typically, since most RPCs will only be sent one installer's database, there will only be one installer entered on this screen. This screen can only be reached by using the **I'NSTALLERS** command line option on Screen 752.

After you specify installers in this screen, you will need to specify an **N** in the **INSTALLERS (Y/N)** field on screen 753, *Build Packet to Download*, because that will send your entire installer file in addition to the installer records that you specify in this screen. You only want to send your entire installer file if you are setting up your RPCs to receive accounts that are classified by location.

If you are setting up your RPCs to receive accounts that are classified by locations, do **not** specify any installers in this screen.

## 28 Setup Screens

---

### Fields

#### RPC#

The RPC number from Screen 752 is displayed in the upper left corner of the screen.

#### INSTALLER RANGES 1 - 32

You can enter 32 installer ranges per page, up to 64 of installer codes for each RPC. On each line, the first field is the starting installer number and the second field (to) is the ending installer number. These ranges include all installer numbers that fall in between, and including, those entered. For example, to associate installers 103, 104, 105, 110, and 111 with this RPC, enter **103** to **105** on line 1, and **110** to **111** on line 2.

### Command Line

#### S'AVE

Enter **S** at the command line to save the installer information you entered for this RPC.

#### M'ORE

You can enter up to 32 installer ranges on each screen. If the screen is full and you want to enter more installer ranges, enter **M** at the command line to access another blank screen. When there are more installer ranges than can be displayed on the current screen, the **M** will flash.

***You cannot access a new screen to enter more installers until the screen you are working on is full.***

#### P'REV

Enter **P** at the command line to go back to the previous screen of installer ranges. The **P** will flash until there are no more pages to which you can return.

#### R'ETURN

Enter **R** at the command line to return to Screen 752.

## Screen 752B - Remote PC Maintenance - Locations

REMOTE PC MAINTENANCE - LOCATIONS		CS-0752B																	
RPC# 1	RPC NUMBER 1																		
Database Locations																			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y									
21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	
A'LLow#(-#), D'ISALLOW#(-#), S'AVE, R'ETURN																			

### Purpose

This screen is used to specify which location records you want to send to the RPC. This feature is referred to as **MASlink** partitioning. The locations specified on this screen refer to the locations that you have defined for an account in Screen 42, *Account Update*. During the initial communication session between the RPC and the host, the host will send the entire account database for each location entered on this screen. When information is added, changed, or deleted from the account database for any of the specified locations, the host will send the new information to the RPC. This screen can only be reached by using the **L'OCATIONS** command line option on Screen 752.

***If you want to send all locations for the RPC's installer range, do not specify any locations on this screen.***

After you specify the locations in this screen, you will need to specify a **Y** in the **INSTALLERS (Y/N)** field on Screen 753, *Build Packet to Download*, to send your entire installer file. Because you are setting up your RPCs to receive accounts classified by location, you will need to send your installer file when you initially set up your RPCs.

***If you are setting up your RPCs to receive accounts that are classified by installers, do not specify any locations in this screen.***

## 30 Setup Screens

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### Fields

#### RPC#

The RPC number from Screen 752 is display in the upper left corner of the screen.

#### DATABASE LOCATIONS 1 - 99

You can specify up to 99 location records to be sent to a single RPC. Locations are selected by using the command line to allow or disallow certain locations. The default is to disallow all locations. If you are setting up your RPCs to receive accounts that are classified by installers, you will need to make sure that none of the locations have a **Y** entered beneath them.

### Command Line

#### A'LLOW#(-#)

Enter **A** along with the location number or range of location numbers to allow those location records to be sent to the RPC. For example, enter **A1** to specify location 1. Enter **A1-10** to specify locations 1 through 10. ***If you want to send all locations for the RPC's installer range, do not specify any locations on this screen.***

#### D'ISALLOW#(-#)

Enter **D** along with the location number or range of location numbers to disallow those location records from being sent to the RPC. For example, enter **D1** to specify location 1. Enter **D1-10** to specify locations 1 through 10.

#### S'AVE

Enter **S** at the command line to save the specified location records.

#### R'ETURN

Enter **R** at the command line to return to Screen 752.

## Screen 753 - Build Packet to Download

MAS		Build Packet to Download		CS-753	
RPC# 1		RPC NUMBER 1			
Installer(s): 24, 25, 26, 27, 28, 29, 30, 31, 32					
1 Start Installer	24	NATIONAL ALARM CO	3 Beg Loc	1	
2 Through Installer	32	EFFECIENCY ALARMS	4 End Loc	99	
----- Data to Download -----					
5 Start CS#	FIRST	12 Event Codes? (Y/N)	Y		
6 Through CS#	LAST	13 Agencies? (Y/N)	Y		
7 Subscriber Data? (Y/N)	Y	14 Other Table Files? (Y/N)	Y		
8 Modified Since		15 MF Disable Flags? (Y/N)	Y		
		16 Common Overflow? (Y/N)	Y		
		17 Installers? (Y/N)	N		
9 Activity? (Y/N)	N	18 Security: RPC Type			
10 Start Date	5/01/98				
11 Through Date	12/31/99				
#, N'ext, or GO					

### Purpose

This screen is used to build a packet of information to be sent to a specific RPC. The most common use of this screen is to build the initial download packet. The initial download packet contains an entire account database including all installers for that RPC as well as all of the system information such as event codes, agencies, holidays, etc. It can also be used to build a recovery packet when an RPC has crashed or to build an activity packet of old event history.

### Fields

#### RPC#

Enter an existing RPC number. The RPC's name and first address line will be displayed to the right of the RPC# field; the cursor will move to the command line.

#### INSTALLER(S):

The installers you have entered for this RPC are displayed here. If there is not enough room for all of the installers to be displayed, three dots will appear after the displayed installer numbers. To view all installers, enter **I** at the command line of Screen 752.

## 32 Setup Screens

---

### 1 START INSTALLER 2 THROUGH INSTALLER

Enter the range of installers whose data you want to include for this RPC. The default values include all installers for this RPC.

### 3 BEG LOC / 4 END LOC

Enter the range of locations you want to include. The defaults will include all locations for the specified RPC.

### 5 START CS# / 6 THROUGH CS#

Enter the range of CS account numbers you want to include. The defaults will include all installers for the specified RPC.

### 7 SUBSCRIBER DATA? (Y/N)

Enter **Y** to place account information in the packet. Enter **N** to exclude subscriber data. When you enter **Y**, only those accounts with installers in the **START INSTALLER, THROUGH INSTALLER** range and in the **START CS#, THROUGH CS#** range will be included.

Account information includes: master file data, zone information, schedules, the holiday list, mail-to addresses, passcards, zone dispatch information, and overflow information.

### 8 MODIFIED SINCE

Enter a date if you wish to send only that account data that has been changed since a specific date. This option is used when an RPC has had to restore from a backup and needs only that data that has changed since the date the backup was performed. To send all subscriber data regardless of when it was changed, leave this field blank.

### 9 ACTIVITY? (Y/N)

Enter **Y** if you want event history included in the packet. Enter **N** to exclude activity.

### 10 START DATE / 11 THROUGH DATE

If you entered **Y** in the **ACTIVITY?** field, enter the starting and ending date of the event history to be included in the packet. If you entered **N** in the **ACTIVITY?** field, leave fields 10 and 11 blank.

**12 EVENT CODES? (Y/N)**

Enter **Y** to include all event codes in the packet. Enter **N** to exclude event codes. See event code setup in the "Utility Screens" section of this manual.

**13 AGENCIES? (Y/N)**

Enter **Y** to include agency information in the packet. Enter **N** to exclude agency information.

If you entered states for agencies on Screen 752, *Remote PC Maintenance*, the agencies in those states will be included. Also, any agencies that do not have a state entered on Screen 052 will be included in the packet.

**14 OTHER TABLE FILES? (Y/N)**

Enter **Y** to include the global holiday list, the location table, passcard levels, and UL codes in the packet. Enter **N** to exclude these files.

**15 MF DISABLE FLAGS? (Y/N)**

Enter **Y** to include the master file disable flags (entered on Screen 754). Enter **N** to exclude the master file disable flags.

**16 COMMON OVERFLOW? (Y/N)**

Enter **Y** to include common overflow for this RPC. Enter **N** to exclude common overflow. When **Y** is entered, only the common overflow pages with installers that belong to this RPC will be included. See the "Utility Screens" section of this manual for information about setting up common overflow.

***When performing the initial download, enter Y in fields 12 through 16.***

### 34 Setup Screens

---

#### 17 INSTALLERS (Y/N)

Enter **Y** to send the entire installer file. You would make this entry if you are initially setting up your RPCs to receive accounts that are classified by location. After you have sent the entire installer file, you would only enter **Y** if there has been a change to any of the installer records, such as one has been added or deleted.

Enter **N** if you won't be sending the entire installer file. You must make this entry if you have set up your RPCs to receive accounts that are classified by installer. The packet will that you are creating will automatically send the information for the installers you specified on Screen 752A. You do not need to send the entire installer file in addition to those records.

#### 18 SECURITY: RPC TYPE

Enter the RPC type that will determine the security privileges for the specified RPC.

#### Command Line

##### GO

Enter **GO** at the command line to build the packet. The screen prompt **CONFIRM?** is displayed. To build the packet, enter **Y**. To cancel building the packet, enter **N**. As the packet is being built, messages will be displayed on the bottom-right of the screen indicating what type of data is currently being prepared, how many transactions have been prepared, and the current size of the packet. (A transaction is one type of information, such as zone information, agency information, etc.) When the packet is built, the total number of bytes in the packet is displayed on the screen.

##### N'EXT

Enter **N** at the command line to build a packet for another RPC. The screen will be cleared and the cursor will move back to the RPC# field.

## Screen 753 - Build Packet to Download

For redundant systems, if you change from one machine to the other, you must run Screen 753, *Build Packet To Download* before communication between the host and RPCs may begin.

<div>Build Packet to Download</div> <div>CS-0753</div> <div>The MASlink system ID has been changed on Screen 901. This screen must be run before any MASlink processing or communication can occur. this screen will delete any old packets left on this system and then rebuild the packets need to keep your RPCs current.</div> <div>#, N'EXT, OR GO</div>
---

### Command Line

#### GO

Enter **GO** at the command line to begin the process.

#### N'EXT

Enter **N** at the command line to build a packet for another RPC. The screen will be cleared and the cursor will move back to the **RPC#** field.

## Screen 755 - Communication Task Setup

MAS		Communication Task Setup							CS-755	
Task	Act	A	M	P	R	Port	Date	Time	RPC	Status
1	Y	1	2	3	4		5/20/98	11:15:53	7	WAITING
2	Y	1	2	3	4		5/22/98	13:30:12		WAITING
3	Y	1	2	3	4		5/22/98	13:30:13		WAITING
4	N	1	2	3	4					
5	N	1	2	3	4					
6	N	1	2	3	4					
7	N	1	2	3	4					
8	N	1	2	3	4					

Priorities (1-4, 0=None)  
 -----  
 A=Automatic  
 M=Manual  
 P=Periodic  
 R=Remote Request

#, R'efresh or S'ave

### Purpose

This screen is used to set up the communication tasks that control which modems will communicate with the RPCs.

### Fields

#### TASK

You may set up tasks for as many as eight modems.

#### ACT

Enter **Y** in the ACT column for each modem (task) you want to use. This indicates that the task is active. Enter **N** in the ACT column for the tasks you do not wish to use.

**A, M, P, AND R**

The **A**, **M**, **P**, and **R** columns represent the different kinds of sessions that may be communicated using the modems

A	Automatic Session
M	Manual Session
P	Periodic Session
R	Remote Request for a Session

For each modem, you rank the priority, between **1** and **4**, for handling each of the session types. **1** is the highest priority--that is, the type of session that the modem will handle first. **4** is the lowest priority--that is, the type of session that the modem will handle last. In the sample screen shown on the previous page, Task 1 will handle manual sessions first, automatic sessions next, periodic sessions third, and remote requests for sessions last.

If a modem is not to handle a particular type of session, enter **0** in that column. (When you enter **0** in the column, the **0** will disappear and the field will remain blank.) In the sample screen shown on the previous page, Task 3 will handle **only** manual sessions.

**PORT**

In the **PORT** column, enter the number of the port on the computer to which the modem is attached. For UNIX-based systems, the port number is also referred to as the tty number. For AOS/VS-based systems, the port number is also referred to as the con number.

**DATE AND TIME**

The **DATE** and **TIME** columns display the last date and time that the task (modem) was used.

**RPC**

If the modem is communicating with an RPC, the RPC's identification number is shown in the **RPC** column.

## 38 Setup Screens

---

### STATUS

This column shows one of the following messages:

WAITING	This message indicates that the task (modem) is idle. It is not communicating with an RPC and it is not processing information received from an RPC.
PROCESSING PACKETS	This message indicates that the task is processing packets received from an RPC.
PREPARING PACKETS	This message indicates that the task is preparing packets to be sent to the RPC.
COMMUNICATING	This message indicates that the task is currently communicating with an RPC.

### Command Line

#

Enter the number of the task for which you want to enter or modify information.

### R'EFRESH

Enter **R** at the command line to update the screen. The screen will also be refreshed every 30 seconds.

### S'AVE

Enter **S** to save the communication task information.

## Screen 770 - Program/User Security Maintenance

```

05/26/98                Program/User Security Maintenance                CS-770

RPC Type A              Program Name 2

      U S E R   S E C U R I T Y
Level|      Level|      Level|      Level|      Level|      Level|
-----
0. 0| 1   7. 7| 1  14. E| 1  21. L| 1  28. S| 1  35. Z| 1
1. 1| 1   8. 8| 1  15. F| 1  22. M| 1  29. T| 1
2. 2| 1   9. 9| 1  16. G| 1  23. N| 1  30. U| 1
3. 3| 1  10. A| 1  17. H| 1  24. O| 1  31. V| 1
4. 4| 1  11. B| 1  18. I| 1  25. P| 1  32. W| 1
5. 5| 1  12. C| 1  19. J| 1  26. Q| 1  33. X| 1
6. 6| 1  13. D| 1  20. K| 1  27. R| 1  34. Y| 1

36. Switch Levels 5 and 6? (Y/N)  N

Access Levels:
1 - All Functions                    5 - Change Requests
2 - All Functions (except Usernames) 6 - Add Requests
3 - Delete Requests                 7 - Print Reports/Lists
4 - Cancel Requested Changes        8 - View Only

                                #, C'opy, N'ext, S'ave

```

### Purpose

This screen is used to set up user security for a specific RPC type. This screen is similar to Screen 360 in that you are assigning access levels to user security levels for a specific program. However, there are some fundamental differences. First, the user security level is the security class that you enter for a username in **MASlink**. Second, the security privileges are defined for an RPC type. All RPCs with that RPC type will have the same security privileges. The RPC type is assigned to an RPC on Screen 753, *Build Packet to Download*.

When you specify access levels for an RPC type, you are assigning them for a program, which is a specific **MASlink** screen. Each screen has a security ID. Not every screen in **MASlink** is assigned security privileges using Screen 770. Tables A-C represents the screens that can have security assigned to them using Screen 770. To assign security to the other screens, you must use the *User Security Levels* screen in **MASlink**.

## 40 Setup Screens

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**Table A**

The following screens are located in the *Database Menu* in **MASlink**.

Security ID	<b>MASlink</b> Screen Name
MF	Master File
MA	Mailing Addresses
ZP	Zone Pages
DP	Dispatch Pages
PA	Passcards
SC	Schedules
HO	Holidays
OP	Overflow Pages
CO	Common Overflow
GP	General Permits
PE	Permits
ME	Read/Edit Memos
ME	Outgoing Memo
AC	Account Common Overflow

**Table B**

The following screens are located in the *Reporting Menu* in **MASlink**.

Security ID	<b>MASlink</b> Screen Name
ADR	Account Database Report
EHR	Event History Report
HSR	History Summary Report
STR	Summary Totals Report
MR	Mailer Report
DRR	Database Request Report
HCR	Host Changes Report
COR	Common Overflow Report
MER	Memo Report
ATR	Account Totals Report
AT	Alarm Ticket
PR	Permit Report
PP	Passcard Print
CFR	CRF Report
NOA	Non Activity Report

**Table C**

The following screens are located in the *System Menu* in **MASlink**.

Security ID	<b>MASlink</b> Screen Name
ECL	Event Code List
PDL	PD List
FDL	FD List
MDL	MD List
PTL	PT List
HOL	Holiday List
INL	Installer List
LOL	Location List
ULL	UL Code List
PLL	Passcard Level List
PTL	Permit Type List

The access levels that can be assigned to each of these screens are the same access levels that are used in **MASlink**. For more information about each of the access levels, refer to your **MASlink** User Guide.

## Fields

### RPC TYPE

The RPC type for which you are defining security. All RPCs that are assigned this RPC type will have the same security privileges. The RPC type code can be alphanumeric and up to 6 characters.

### PROGRAM NAME

Enter the **MASlink** security ID that corresponds to the program for which you assigning security. Refer to **Table A** for the list of security id codes and corresponding screen names.

### 36. SWITCH LEVELS 5 AND 6? (Y/N)

This field refers to access levels 5 (Change Requests) and 6 (Add Requests). Entering **Y** will make access level 5 refer to the ability to make Add Requests and access level 6 will refer to the ability to make Change Requests. Enter **N** to have access levels 5 and 6 maintain their original meanings.

### Command Line

#

Enter the number (1-35) of the field for the user security level to which you want to assign or modify an access level. The cursor moves to that field.

### C'OPY

Enter **C** to copy the current access levels to another RPC type and program. The **DESTINATION: RPC TYPE** and **PROGRAM NAME** fields will display, respectively.

### N'EXT

Enter **N** to move to the **RPC TYPE** field where you can enter access levels for another RPC type or program.

### S'AVE

Enter **S** to save the access levels that you have assigned to the user security levels for the specified RPC type and **MASlink** program.

# Communication Screens

---

This section provides detailed information about the screens used to prepare for and perform communication sessions with RPCs. It is assumed that you have set up at least one RPC on Screen 752, *Remote PC Maintenance*.

Before you can communicate with an RPC, you must enter the Central Station identification number and modem port numbers on Screen 751, *Control File Maintenance*. If you want to set up a specific modem to communicate to a specific RPC, you can use Screen 755, *Communication Task Setup*, for that function.

The process of calling one or more RPCs and exchanging data is called a **communication session**. There are two types of communication sessions: automatic sessions and manual sessions. Automatic sessions are scheduled and require no operator action. Manual sessions are requested when needed. A group of RPCs or a single RPC is called during each automatic communication session. A group of RPCs cannot be called during a manual session. On Screen 752, you specify in which of twelve possible groups you want each RPC included. Automatic communication session times for the twelve groups are scheduled on Screen 751. You can also manually request that **MASlink** call a single RPC using Screen 713, *Request Manual Session*.

Exactly how to set up automatic and manual communication sessions will be explained in the following pages.

## Screen 713 - Request Manual Session

MAS		REQUEST MANUAL SESSION				CS-713	
1	RPC	10	BIG ALARM CO.		AUTO SESSIONS <b>ENABLED</b>		
2	INSERT BEFORE	0	(0=END OF QUEUE)		NEXT DATE <b>2/24/98</b>		
					TIME <b>8:00</b>		
	DATE	TIME	GROUP	RPC#	NAME	GROUP	
11	2/21/98	8:35:40	A	10	BIG ALARM CO.		
12	2/23/98	10:50:23	A	20	AL'S SECURITY CO.		
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

#, S'AVE, C'ANCEL#, E'MPTY QUEUE, M'ORE, R'EFRESH, OR N'EXT

### Purpose

This screen is used to request that **MASlink** call a specific RPC as soon as possible. The communication may take a couple of minutes to begin or it may start immediately. You may cancel the communication session only if it has not yet begun.

### Fields

#### 1 RPC#

Enter the number of the individual RPC you want **MASlink** to call. The name of the RPC will appear to the right.

#### 2 INSERT BEFORE

To insert a communication session so that it takes priority over a session that is already entered, enter the number of the line where you want the session to appear. For example, if you want to enter a session that will take priority over the one entered on line 14, enter **14** in the insert before field. The new communication session will be on line 14. Communication sessions occur in the order displayed on the screen.

Enter **0** (zero) to place the request at the end of the queue. The default for this field is zero.

### **Auto Sessions Display**

There is a message display area in the upper-right corner of the screen which provides information about the next scheduled automatic communication session. The message disabled or enabled is displayed to indicate whether automatic sessions are turned on. If automatic sessions are enabled, the date, time and RPC group (A-L) of the next scheduled session is displayed.

### **Queue Display**

The columns on the lower portion of the screen show the date and time when the communication session was requested, the RPC group (A-L), the RPC to be called if a single RPC is being called, and the RPC name.

### **Command Line**

#

The number sign indicates that you can enter any field number at the command line to move the cursor to that field so you can enter or change information.

### **S'AVE**

Enter **S** to enter the manual session you specified in fields 1 and 2 above in the communication session queue. If you do not enter an **S** to request the session, the session will not be entered in the queue and will not occur.

### **C'ANCEL#**

To cancel a specific communication session, enter **C** and the number of the line containing the communication session you want to cancel. Once the session has begun, you may not cancel it, even though it still appears on the screen.

### **E'MPTY QUEUE**

Enter **E** to cancel all communication sessions displayed on the screen. Any communication sessions in progress will not be canceled.

### **M'ORE**

When the **M** in the **M'ORE** command is flashing, there are more requests in the queue than can be displayed on one screen. Enter **M** at the command line to view additional pages of queued requests.

### **R'EFRESH**

Enter **R** at the command line to update the screen. When **R** is entered, only those sessions not in progress are displayed. The screen will also be refreshed every 30 seconds.

### **N'EXT**

Enter **N** to request another manual session. The cursor moves to the **RPC#** field.

## Screen 711 - System History View

MAS		System History View							CS-711	
1 Session Types		ALL		3 RPC Groups		ALL		5 Through Date 11/30/97		
2 Connection Types		ALL		4 Tasks		ALL				
Date		Time RPC#		RPC Name		S C G T		Connect Error Message		
-----		-----		-----		- - - -		-----		
1	11/23/97	15:14	10	BIG SECURITY CO	M	D	S	2	00:04:02	
2	11/16/97	08:15	10	BIG SECURITY CO	M	D	S	2	00:11:54	
3	11/11/97	11:03	10	BIG SECURITY CO	M	D	S	2	UNABLE TO SIGN ON	
4	11/06/97	07:09	1	TOUGH GUARDS	M	D	S	2	00:00:29	
5	11/05/97	15:08	1	TOUGH GUARDS	M	D	S	2	00:11:33	
6	11/05/97	14:55	1	TOUGH GUARDS	M	D	S	2	00:01:51	
7	11/02/97	08:27	10	BIG SECURITY CO	M	D	S	2	UNABLE TO SIGN ON	
8	10/27/97	12:08	1	TOUGH GUARDS	M	D	S	2	00:00:17	
9	10/27/97	11:59	1	TOUGH GUARDS	M	D	S	2	00:02:57	
10	10/27/97	11:53	1	TOUGH GUARDS	M	D	S	2	UNABLE TO SIGN ON	
11	10/16/97	08:19	10	BIG SECURITY CO	M	D	S	2	00:12:46	
12	10/07/97	09:26	10	BIG SECURITY CO	M	D	S	2	00:01:08	
S:Session Type (A/M/P) C:Connection (D/M) G:RPC Group (A-L,S) T:Task (1-8)										
#, M'ore, P'previous, L'og File#, D'ay#, T'ask#, N'ext, or W'ait										

### Purpose

This screen displays a summary of each of the last twelve communication sessions. The information in each column, or display field, is explained below.

If a communication is currently occurring, then the amount of time remaining in the session will display. This time is displayed in the following format: **HH:MM**.

### Fields

#### SESSION TYPES

Indicate the type of session(s) you would like to review. Enter **A** to review Automatic sessions; **M** to review Manual sessions; or enter **P** to review periodic sessions. If you'd like to review information for all session types, enter **ALL**.

#### CONNECTION TYPES

Enter **D** if you'd like to review sessions only for RPCs which are directly connected to your Central Station's computer. Enter **M** if you'd like to review sessions only for RPCs which are connected to your Central Station's computer via modem. If you'd like to review sessions for both connection types, enter **ALL**.

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### RPC GROUPS

Enter the type(s) of RPC groups for which you want to review communication history. You may choose from the following RPC groups: A through L or S. (S is for a single, manual request.)

### TASKS

Enter the task(s), 1 through 8, for which you want to review communication history. If you wish to review history for all tasks, enter **ALL**. Recall that communication tasks are set up on Screen 755, *Communication Task Setup*.

### THROUGH DATE

All communication history will be displayed up to and including the date you enter in this field.

### Display Fields

#### DATE

The **DATE** column displays the date when the communication session started.

#### TIME

The **TIME** column displays the time when the communication session started.

#### RPC#

The identification number of the RPC associated with the communication session.

#### RPC NAME

The name assigned to the RPC associated with the communication session.

**S**

Identifies one of the following types of communication session performed:

A	Automatic Session
M	Manual Session
P	Periodic Session

**C**

Shows one of the following types of connection that used to connect the RPC to the Central Station's computer:

D	Direct Line Connection
M	Modem Connection
W	Wide Area Network (WAN)

**G**

Identifies the RPC group (A-L or S) called during this session. S is for single, manual requests.

**T**

The task (1-8) which performed the communication session. Recall that tasks are set up on Screen 755, *Communication Task Setup*.

**CONNECT**

The **CONNECT** column displays the total time the host computer at the Central Station was connected to the RPC. the total time includes the amount of time spent sending, receiving, and communicating with the RPC.

### ERROR MESSAGE

If an error occurred during the session, an error message will be displayed in the **ERROR MESSAGE** field. There are six possible error messages:

UNABLE TO CONNECT	(Modem connection only) This message is displayed when the central station modem is unable to connect with the RPC's modem. This typically occurs because the RPC is not in communication mode.
UNABLE TO SIGN ON	After a connection is made between the central station computer and the RPC, the RPC responds to indicate the connection was successful. If this response from the RPC does not occur, the UNABLE TO SIGN ON message will appear. This message may also appear if the central station ID number on Screen 751 is incorrect or the PC baud rate is wrong.
RECEIVE FAILURE	If the connection is broken while information is being received by the RPC, the RECEIVE FAILURE message will display.
TRANSMIT FAILURE	The TRANSMIT FAILURE message is displayed when the host computer is transmitting information to the RPC and the transmission is interrupted.
LOST CONTACT	If in the middle of the communication session, the RPC stops responding to the host computer's commands, the LOST CONTACT message will be displayed.
UNABLE TO SIGN OFF	At the end of the communication session, the host computer tells the RPC to sign off. If the RPC does not respond to the disconnect command, the UNABLE TO SIGN OFF message will be displayed. This is not critical, but should be reported to MAS.

#### Note

None of these errors are critical unless they occur repeatedly. If these errors are occurring repeatedly, call **MASlink** support.

## Command Line

#

Enter the number of the field in which you want to enter or modify information.

## M'ORE

When the **M** in the **M'ORE** command is flashing, there is information for more communication sessions than can be displayed on one screen. Enter **M** at the command line to view additional pages of communication session information.

## P'REVIOUS

When you are viewing additional pages of communication history, the **P** in the **P'REVIOUS** command flashes to indicate that there are pages of communication history prior to the page you are viewing. Enter **P** to view the previous page of communication history.

## L'OG FILE#

Use this command line option when you want to view detailed information about all communications that succeeded and failed during a specific communication session.

Enter **L** and the number of the line containing the information you want to view. The *Log File Window* is displayed. This window displays detailed processing and communication information about all calls that were successful and unsuccessful.

If you enter **L** but do not enter a line number, detailed information for the communication session on line 1 of Screen 711 will be displayed.

## D'AY#

Use the command line option if you want to view the log file for a specific day.

Enter **D** and the number of the line containing the information you want to view. The *Log File Window* is displayed. This window displays detailed processing and communication information about all calls that were successful and unsuccessful.

### **T'ASK#**

Use this command line option to review the log file for the day and task specified by the line number you select.

Enter **T** and the number of the line containing the information you want to view. The *Log File Window* is displayed. This window displays detailed processing and communication information about all calls that were successful and unsuccessful.

### **N'EXT**

Enter **N** at the command line to move the cursor to the session type field so you can enter a new session type.

### **W'AIT**

To view the results of a communication session as it is occurring, enter **W** at the command line. When the communication begins, the screen will blink once and the information about the current communication session will be displayed on the first line of the screen.

This command is used when you want to check the success of the communication session as it progresses.

## Screen 711 - System History View - Log File Window

When you use the **L'OG FILE**, **D'AY**, or **T'ASK** command on Screen 711, the *Log File Window* will be displayed with the communication information you want to view. This window displays detailed information about all communications that were successful and unsuccessful.

```

MAS                               System History View                               CS-711

1 Session Types      ALL          3 RPC Groups  ALL          5 Through Date 12/01/97
2 Connection Types  ALL          4 Tasks      ALL

      Date      Time      SESSION STARTED ON 12/1/97 AT 10:10      Error Message
      -----      -
1 12/01/97 10:10° MANUAL SESSION - SINGLE RPC# 10      °
2 12/01/97 10:03° EXTRACTING RPC REQUESTS      °
3 11/23/97 15:14° COMPLETING PACKETS TO BE SENT      ° UNABLE TO SIGN ON
4 11/16/97 08:15° ..PROCESSING RPC# 10      °
5 11/11/97 11:03° DONE      °
6 11/06/97 07:09° CALLING RPCs      ° UNABLE TO SIGN ON
7 11/05/97 15:08° ..CALLING RPC# 10      °
8 11/05/97 14:55° ....OUT:>CS:1      °
9 11/02/97 08:27° .... IN:~OK:217/216      °
10 10/27/97 12:08° ....OUT:>ID:1201921010      ° UNABLE TO SIGN ON
11 10/27/97 11:59° .... IN:~3189      °
12 10/27/97 11:53° ....IDENTIFICATION VERIFIED      °
      ° ....OUT:>R:439      ° UNABLE TO SIGN ON
      ° .... IN:~OK      °
S:Session Type (A° M'ore, P'revious, T'op, or Q'uit      °S) T:Task (1-8)
      ° #, M'ore, P'

```

### Purpose

The *Log File Window* displays the transfer of data during a communication session. Use this screen to watch the progress of the communication session.

### Displayed Information

Each step of the communication session is displayed on the screen. First, **MASlink** displays the date and time when the session started, whether it is a manual or automatic session, and which session is being performed. Then **MASlink** determines which RPCs to call and displays those RPC numbers. The packets to be sent are completed and the RPCs are called. **MASlink** must first sign on to each RPC. Signing on involves making the connection and verifying the RPC's identification. Once connected, the packets are transmitted. Next, **MASlink** receives packets sent from the RPC. Finally, **MASlink** signs off. If there were any problems with any of these steps, messages will be displayed identifying the problems. Then **MASlink** processes packets received from RPCs. Any requests from the RPCs are placed in the review buffer. The last message displayed is the date and time when the communication session was completed.

### Command Line

#### **M'ORE**

When the **M** at the command line is flashing, there is more information than can be displayed on one screen. Enter **M** at the command line to view additional detailed information about the communication session.

#### **P'REVIOUS**

When you are viewing additional pages of communication history, the **P** in the **P'REVIOUS** command flashes to indicate that there are pages of communication history prior to the page you are viewing. Enter **P** to view the previous page of communication history.

#### **T'OP**

Use this command line option to return to the first page of detailed information about the communication session.

#### **Q'UIT**

Enter **Q** to return to Screen 711.

## Screen 712 - RPC History View

MAS		RPC History View								CS-712		
RPC# 1		DEALER ROB'S RPC								Through Date 12/01/97		
		Date	Time	S	C	G	T	Connect Time	Data Sent	Process Time	Data Received	Error Message
1		11/06/97	07:09	M	D	S	2	00:00:29	2,560		2,560	
2		11/05/97	15:08	M	D	S	2	00:11:33	299,520	00:08:56	2,048	
3		11/05/97	14:55	M	D	S	2	00:01:51	42,624	00:02:26	640	
4		10/27/97	12:08	M	D	S	2	00:00:17	384	00:00:02	128	
5		10/27/97	11:59	M	D	S	2	00:02:57	70,272	00:02:54	896	
6		10/27/97	11:53	M	D	S	2					UNABLE TO SIGN ON
7		10/01/97	13:06	M	D	S	2	00:00:24	256		2,432	
8		10/01/97	13:00	M	D	S	2	00:00:36	2,560	00:00:10	2,304	
9		10/01/97	10:36	M	D	S	2	00:00:20	768	00:00:01	512	
10		10/01/97	10:32	M	D	S	2	00:00:23	1,024	00:00:01	640	
11		10/01/97	10:29	M	D	S	2	00:00:20	640	00:00:03	128	
12		10/01/97	09:17	M	D	S	2	00:00:16	256	00:00:01	512	
S:Session Type (A/M/P) C:Connection (D/M) G:RPC Group (A-L,S) T:Task (1-8)												
M'ore, P'revious, N'ext, L'og File#, D'ay#, T'ask#, or W'ait												

### Purpose

This screen displays communication history for one RPC at time. History can be viewed up to any date entered in the **THROUGH DATE** field.

If a communication is currently occurring, then the amount of time remaining in the session will display. This time is displayed in the following format: **HH:MM**.

### Fields

#### RPC#

Enter the number of the RPC whose communication history you want to view.

#### THROUGH DATE

Enter a date that will include the segment of history you want to see for the RPC. All communication history will be displayed up to and including the date entered in this field.

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---

### Display Fields

#### DATE

The **DATE** column displays the date the RPC call occurred.

#### TIME

The **TIME** column shows the time the RPC call occurred.

#### S

Identifies the type of communication session performed:

A	Automatic Session
M	Manual Session
P	Periodic Session

#### C

Shows the type of connection that is used to connect the RPC to the Central Station computer:

D	Direct Line Connection
M	Modem Connection
W	Wide Area Network (WAN)

#### G

The RPC group (A-L, or S) is displayed in this column. S is for single, manual requests.

#### T

The task (1-8) which performed the communication session. Recall that tasks are set up on Screen 755, *Communication Task Setup*.

#### CONNECT TIME

This field displays the amount of time the host computer at the central station was connected to the RPC. The time connected refers to the total time spent sending, receiving, and communicating with the RPC.

**DATA SENT**

This field displays the amount of information, in number of characters, or bytes, sent during the communication session with the RPC.

**PROCESS TIME**

This field displays how long it took the RPC to update its data base. The display format is hours:minutes:seconds (HH:MM:SS). This field will be blank for the last communication since the RPC has not yet processed the last packet.

**DATA RECEIVED**

This field displays the amount of information, in number of characters, received from the RPC.

**ERROR MESSAGE**

If an error occurred during the session, an error message will be display in the ERROR MESSAGE Field. There are six possible error messages. They are listed on the following page.

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UNABLE TO CONNECT	(Modem connection only) This message is displayed when the central station modem is unable to connect with the RPC's modem. This typically occurs because the RPC is not in communication mode.
UNABLE TO SIGN ON	After a connection is made between the central station computer and the RPC, the RPC responds to indicate the connection was successful. If this response from the RPC does not occur, the UNABLE TO SIGN ON message will appear. This message may also appear if the central station ID number on Screen 751 is incorrect or the PC baud rate is wrong.
RECEIVE FAILURE	If the connection is broken while information is being received by the RPC, the RECEIVE FAILURE message will be displayed.
TRANSMIT FAILURE	The TRANSMIT FAILURE message is displayed when the host computer is transmitting information to the RPC and the transmission is interrupted.
LOST CONTACT	If in the middle of the communication session, the RPC stops responding to the host computer's commands, the LOST CONTACT message will be displayed.
UNABLE TO SIGN OFF	At the end of the communication session, the host computer tells the RPC to sign off. If the RPC does not respond to the disconnect command, the UNABLE TO SIGN OFF message will be displayed. This is not critical, but should be reported to MAS.

### Command Line

#### **M'ORE**

If the **M** in the **M'ORE** command is flashing, there are additional pages of communication history. Enter **M** to view each additional page of communication history.

#### **P'REVIOUS**

When you are viewing additional pages of communication history, the **P** in the **P'REVIOUS** command flashes to indicate that there are pages of communication history prior to the page you are viewing. Enter **P** to view the previous page of communication history.

**N'EXT**

Enter **N** at the command line to move the cursor to the **RPC#** field so you can enter a new RPC number.

**L'OG FILE#**

Use this command line option when you want to view detailed information about all communications that succeeded and failed during a specific communication session.

Enter **L** and the number of the line containing the information you want to view. The *Log File Window* is displayed. This window displays detailed processing and communication information about all calls that were successful and unsuccessful.

If you enter **L** but do not enter a line number, detailed information for the communication session on line 1 of Screen 712 will be displayed.

An example of the *Log File Window* is shown for Screen 711.

**D'AY#**

Use this command line option if you want to view the log file for a specific day.

Enter **D** and the number of the line containing the information you want to view. The *Log File Window* is displayed. This window displays detailed processing and communication information about all calls that were successful and unsuccessful.

**T'ASK#**

Use this command line option to review the log file for the day and task specified by the line number you select.

Enter **T** and the number of the line containing the information you want to view. The *Log File Window* is displayed. This window displays detailed processing and communication information about all calls that were successful and unsuccessful.

**N'EXT**

Enter **N** at the command line to move the cursor to the **SESSION TYPE** field so you can enter a new session type.

### **W'AIT**

To view the results of a communication session as it is occurring, enter **W** at the command line. When the communication has begun, the screen will blink once and information about the current communication session will be displayed on the first line of the screen.

This command is used when you want to check on the success of the communication session as it progresses.

## Screen 714 - Remote Request Log

MAS	Remote Request Log	CS-714
Log File Name <b>CD005.LOG</b>		
-----		
[09:36:14]OPENING PORT		
[09:36:14]RESETTING MODEM		
[09:36:15]....OUT:ATQ0		
[09:36:15]....OUT:ATZ		
[09:36:25]....IN:OK		
[09:36:25]MODEM HAS BEEN RESET		
[09:36:25]PUTTING MODEM IN AUTO-ANSWER MODE		
[09:36:25]....OUT:ATS0=1		
[09:36:30]....IN:OK		
[09:36:30]WAITING FOR CONNECTION		
-----		
M'ore, B'eginning, N'ext, E'nd, OR P'revious		

### Purpose

This screen is used to review the log created by Program CD005, which is used to receive the remote requests from the RPCs. Program CD005 maintains the current file in addition to the last three files that were generated, so you can view four different files using this window.

### Fields

#### LOG FILE NAME

The name of the CDOO5 file to be viewed. There are four valid file names that can be entered in this field.

<b>CD005.LOG</b>	Current file
<b>CD005.1</b>	Next most recent file
<b>CD005.2</b>	Third most recent file
<b>CD005.3</b>	Oldest file

**Command Line**

**M'ORE**

Enter **M** to view the next portion of file information.

**B'EGINNING**

Enter **B** to view the beginning of the file information.

**N'EXT**

Enter **N** to move to the **LOG FILE NAME** field where you can enter the name of a different file to view.

**E'ND**

Enter **E** to view the end of the file information.

**P'REVIOUS**

Enter **P** to view the previous portion of the file information.

# Review Screens

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The review screens display requests from RPCs to change account information. The information displayed on the review screens is the requested changes sent from an RPC. You can view an account's data as it exists in the Central Station data base, isolate the requested changes to the data base, accept or reject some or all of the changes sent from the RPC, and put requests on hold for review at a later time.

You will use the Review Screens more than any other screens in **MASlink**. Therefore, it is important that you understand the command line options and how to use them. See the command line definitions for details.

## Fields

The **MASlink** review screens are used to review requests to change current data base information, so each of these screens looks the same as one of the other MAS Central Station screens.

The review screens do not include field descriptions. You will be referred to the corresponding Central Station screen for descriptions of the fields.

## Screen Messages

In the upper left corner of the review screens, next to the letters MAS, a screen message is displayed that tells the kind of change being requested. There are four messages:

1. CHANGE - This message will be displayed if the RPC is requesting to change existing account data.
2. ADD - The ADD message is displayed when the RPC is requesting to add new data.
3. DELETE - This message is displayed when the RPC is requesting to delete account data.
4. NO CHANGE - The NO CHANGE message is displayed when no change has been made to the account information displayed on the screen.

## Screen 701 - Review Account Changes

MAS	- CHANGE -	Review Account Change	CS-701
CS#	24100	2 (S)	
3 Name	AVERY PLASTICS		IN SERVICE
4 Adr1	129 MAPLE STREET	34 Installer	1
5 Adr2	APT 456	NATIONAL SECURITY	
6 CSZp	LAKEWOOD	CA 90457	
9 Akey	MAPLE 129	24 (P) ATI	1
10 Nkey	MARK & ANN	25 (S) ATI	
11 Phn1	310-555-7899 x	26 TZone	1 35 WO Num VEST 415
13 Phn2	x	27 DST Grp#	36 ULCode
15 Telco Ln#		28 R/S ? N	37 CS Loc 2 TWO-WAY VOICE
16 UDF1		29 SType	38 SV Loc 1 SERVICE LOC1.
17 UDF2		30 En/Xt	39 GD Loc
18 MTyp	24-G,8	32 Spec1	40 # Grds 1
19 Map#	35	33 KeyNo	41 Sv Typ
20 Type	C		42 MLFREQ W 43 Start 07/11/94
21 BR	-0000		44 Alt ID 24100
22 PD	10 PD-LAKEWOOD PD		45 PT 1 TOUGH GUARD CO.
23 FD	10 FD- LAKEWOOD FD		46 MD 1 LIFEALARM, INC.

Z'one, Sc'hed, M'ail, PA'sscard, ZD'isp, O'flo, H'ol, PR'mit, O2'flo  
IN'/OUT' Svc,#,S'ave,L'og,N'ext,B'e'fore,C'hanges,A'ccept,R'eject,Hold

### Purpose

This screen is used to review requests to change account information. Use the command line to go to other screens of related account information. This screen resembles Screen 42, *Account Update*.

### Viewing Installer's Accounts

When you enter this screen, the first installer will be displayed in field 31, **INSTALLER**. Installer's are sorted in numerical order. To view another installer's account information, enter the installer number in field 31. The installer's first account is displayed.

Accounts for each installer are displayed by CS number, in alphabetical order. As accounts are accepted, rejected, or placed on hold, the next account in the review buffer will be displayed.

## Viewing a Specific CS Account

To review information for a specific CS account, do the following:

1. At the command line, enter **N** to go to the **INSTALLER** field.
2. Enter any installer number. The cursor moves to the **CS#** field.
3. Enter the number of the CS account you want to review, even if the CS account is not one of the installer's accounts. Press **Enter** to view the account information. The installer connected to the CS account you entered will be displayed.

## Fields

See Screen 42, *Account Update*, for field descriptions.

### Note

The **ALT ID** field can only be changed by the Host Central Station. When an RPC initially creates a new account, an alternate ID may be entered for the account by the RPC. However, once the account has been set up in the Host Central Station, the alternate ID can only be modified in Screen 42, *Account Update*, by the Host Central Station.

Additionally, you may enter a comma (,) in the agency fields to lookup a list of valid agencies, or you may enter the agency phone number in the agency fields to select the agency.

## Request Type

In the upper-left corner of the screen, next to the letters MAS, a screen message is displayed indicating the type of change being requested. The request types include CHANGE, ADD, DELETE, and NO CHANGE. See the introduction to the review screens for explanations of these messages.

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### Screens 701 and 702 Command Lines

The first row of the command line on these two screens is used to access other screens of related information for the account. The first letter(s) of the commands will blink when there are requests to change that type of information.

```
Z'one, Sc'hed, M'ail, PA'sscard, ZD'isp, O'flo, H'ol, PR'mit, O2'flo  
IN'/OUT' Svc,#,S'ave,L'og,N'ext,B'efore,C'hanges,A'ccept,R'eject,Hold
```

The second row of command line options is used to view, accept, reject, or make changes to the information displayed on the screen.

#### **Z'ONE**

Enter **Z** at the command line to review requests to change zone information. Screen 701A is displayed.

#### **SC'HED**

Enter **SC** at the command line to review requests to change the account's schedule. Screen 701B displays the new schedule being requested.

#### **M'AIL**

Enter **M** at the command line to review requests to change mail-to information. Screen 701C displays the requested changes to the mail-to addresses.

#### **PA'SSCARD**

Enter **PA** at the command line to display Screen 701D, which shows the requested changes to passcard information.

#### **ZD'ISP**

Enter **ZD** at the command line to display Screen 701E, which shows the requests to change zone dispatch information.

**O'FLO**

Enter **O** at the command line to display Screen 701F, which shows the requests to change the account's overflow information.

**H'OL**

Enter **H** at the command line to display Screen 701G, which shows the requested changes to the account's holiday schedule.

**PR'MIT**

Enter **PR** at the command line to display Screen 701H , which shows the requests to change permit information.

**O2'FLO**

Enter **O2** at the command line to display Screen 701J, which shows requests to change the information for the account's common overflow.

**IN'/OUT' OF SVC**

Enter **OUT** at the command line to place the selected account out of service. This will temporarily suspend monitoring for that account. The Place Out Of Service window will display where you can specify the out-of-service category (or reason) that identifies why the account is being placed out of service.

Enter **IN** at the command line to place an account back into service, resuming monitoring for that account.

The second row of command line options is used to change, view, accept, or reject the information on the screen.

**#**

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can modify requests made by RPCs. Remember to enter **S** to save your changes.

**S'AVE**

Enter **S** at the command line to save the modifications you made to the RPC's requests. The **S'AVE** command saves the information as it appears on the screen, but the account's data base is not changed until you accept the new information using the **A'CCEPT** command.

**L'OG**

Enter **L** at the command line to log event/resolution codes to the selected account.

**N'EXT**

Enter **N** at the command line to review change requests for another account.

**B'EFORE**

Enter **B** to highlight the fields that the RPC is requesting to be changed. However the information shown is the data that is currently in the Central Station database.

**C'HANGES**

Enter **C** to highlight the requests to change information. The information in the highlighted fields is the new information sent from the RPC. To view the current account data, use the **B** command described above.

**A'CCEPT**

When you enter **A** at the command line, you accept the information as it appears on all of the review Screens 701 and 701A-G. When you enter **A** at the command line, the prompt **CONFIRM?** is displayed. Enter **Y** to accept or **N** reject the information as it appears on the review screens.

## **R'EJECT**

The **R'EJECT** command gives you the option to reject all account changes on Screens 701 and 701A-G or the changes on Screen 701 only.

Enter **R** to reject the requests from the RPC to change the account's data. A question is displayed at the bottom of the screen above the command line, **REJECT ALL ACCOUNT CHANGES?**. Enter **Y** for yes or **N** for no.

If you enter **N**, another prompt appears on the screen, **REJECT MASTER FILE CHANGES?**. Enter **Y** to reject the changes to Screen 701 only. Enter **N** to cancel rejection process.

## **HOLD**

Enter the word **HOLD** to put an account on hold if there is some reason the requested changes cannot be approved immediately.

The display field on Screen 700 shows the number of accounts that are on hold.

To review the accounts that are on hold, go to Screen 702, *Review Accounts On Hold*.

## Screen 701A - Zone Page Review

MAS - CHANGE - Zone Page Review Page: 1 CS-701A									
CS# 24100		AVERY PLASTICS				ALL PAGES			
Zone	Code	Event Description...	Zpg	Sc	R?	S?	RR	Comment...	
1	1	230 DOOR - FRONT	1						
2	2	151 INTERIOR BURGLAR	1						
3	3	153 PERIMETER BURG	1						
4	4	210 DOORS - EAST	1					DOUBLE DOORS	
5	5	330 WINDOWS - EAST	1						
6	6	340 WINDOWS - SOUTH	1						
7	7	350 WINDOWS - FRONT	1						
8									
9									
10									
11									
12									
13									
14									
15									
16									

#, B'efore, C'hanges, R'eject, G'en, S'ave, M'ore, or REQ's

### Purpose

This screen is used to review requests to change zone information. This screen resembles Screen 043, *Zone - Event Code Update*.

### Fields

See Screen 43, *Zone - Event Code View*, for field descriptions.

## **Request Type**

In the upper-left corner of the screen, next to the letters MAS, a screen message is displayed indicating the type of change being requested. The request types include CHANGE, ADD, DELETE, and NO CHANGE. See the introduction to the review screens for explanations of these messages.

## **Command Line**

#

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can modify requests made by RPCs. Remember to enter **S** to save your changes.

## **B'EFORE**

Enter **B** to highlight the fields that the RPC is requesting to change. However, the information that is shown is the data currently in the Central Station database.

## **C'HANGES**

Enter **C** to highlight the requests to change information. The information in the highlighted fields is the new information sent from the RPC. To view the current account data, enter **B**.

## **R'EJECT**

Enter **R** to reject the requests from the RPC to change the account's zone information. The **R'EJECT** command rejects the entire page of zone changes as displayed on the screen.

## **G'EN**

Enter **G** to return to the master file information on Screen 701.

## **S'AVE**

Enter **S** at the command line to save the modifications you made to the RPC's requests. The **S'AVE** command saves the information as it appears on the screen, but the account's data base is not changed until you accept the new information using the **A'CCEPT** command on Screen 701.

### **M'ORE**

If the **M** in the **M'ORE** command is flashing, there are additional pages of zone information. Enter **M** to view each additional page of requests to add, change, or delete zone information.

### **ALL**

Enter the word **ALL** at the command line to see all zone pages for the account, even if no changes have been requested. In the upper-right corner of the screen below the screen number, the words **ALL PAGES** are displayed to remind you that you are viewing all pages of zone information for the account.

### **REQ'S**

The **REQ** (requests) command is displayed on the command line when the **ALL** command is entered. Enter **REQ** to display the requests to change zone information only. In the upper-right corner of the screen below the screen number, the word **REQUESTS** is displayed to remind you that you are viewing requests only.

## Screen 701B - Schedule Review

```

MAS      - NO CHANGE -      SCHEDULE REVIEW      ALL SCHEDULES      CS-701B
CS # 24100      Sched# 2      OCd 8 NORMAL OPEN      3. L V
AVERY PLASTICS      CCd 9 NORMAL CLOSE      4. L V
123 MAIN STREET      Open Window Vrfy?      Close Window Vrfy?
*** PERMANENT SCHEDULE ***      5. Early 30 Y 9. Early 30 N
      7. Late 1:30 N 11. Late 1:00 N
13. Comment:
      14. Day Code(s)      Day:
      O C | O C | O C | O C | O C | O C
=====
Schedule Display
Day | O C | O C | O C | O C | O C | O C
---|---|---|---|---|---|---
Mon | 8:00 18:00 | | | | | |
Tue | 8:00 18:00 | | | | | |
Wed | 8:00 18:00 | | | | | |
Thu | 8:00 18:00 | | | | | |
Fri | 8:00 18:00 | | | | | |
Sat | | | | | | | |
Sun | | | | | | | |

#, B'efore, C'hanges, R'eject, G'en, S'ave, M'ore, or REQ's

```

### Purpose

The *Schedule Review* screen is used to review RPC requests to change an account's schedule. This screen resembles Screen 44, *Permanent Schedule Maintenance*

### Fields

See Screen 44, *Permanent Schedule Maintenance*, for field descriptions.

### Request Type

In the upper-left corner of the screen, next to the letters MAS, a screen message is displayed indicating the type of change being requested. The request types include CHANGE, ADD, DELETE, and NO CHANGE. See the introduction to the review screens for explanations of these messages.

### Command Line

#

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can modify requests made by RPCs. Remember to enter **S** to save your changes.

### **B'EFORE**

Enter **B** to highlight the fields that the RPC is requesting to change. However, the information that is shown is the data currently in the Central Station database.

### **C'HANGES**

Enter **C** to highlight the requests to change information. The information in the highlighted fields is the new information sent from the RPC. To view the current account data, enter **B**.

### **R'EJECT**

Enter **R** to reject the requests from the RPC to add, change, or delete an account's schedule. The **R'EJECT** command rejects the entire schedule displayed on the screen.

### **G'EN**

Enter **G** to return to Screen 701.

### **S'AVE**

Enter **S** at the command line to save the modifications you made to the RPC's requests. The **S'AVE** command saves the information as it appears on the screen, but the account's data base is not changed until you accept the new information using the **A'CCEPT** command on Screen 701.

### **M'ORE**

If the **M** in **M'ORE** is flashing, there are more schedules to review. Enter **M** to view each additional schedule.

**ALL**

Enter the word **ALL** at the command line to see all schedules for the account, even the schedules that do not have changes requested. In the upper-right corner of the screen below the screen number, the words **ALL PAGES** are displayed to remind you that you are viewing all schedule pages for the account.

**REQ'S**

The **REQ'S** (requests) command is displayed on the command line when the **ALL** command is entered. Enter **REQ** to display the requests to change schedules only. In the upper-right corner of the screen next to the screen number, the word **REQUESTS** is displayed to remind you that you are viewing requests only.

## Screen 701C - Mail-To Address Review

MAS	- ADD -	MAIL-TO ADDRESS REVIEW	CS-701C
CS# 24100			
AVERY PLASTICS			
129 MAPLE STREET			
APT 456			
LAKEWOOD CA 90457			
----- MAIL TO -----			
SEQ # 10			
1 NAME MARK MENDOZA			
2 ADDR1 1234 BELL AVE			
3 ADDR2			
4 C S Z GARDENA CA 92415			
7 NO OF COPIES 1			
#, B'EFOR, C'HANGES, R'EJECT, G'EN, S'AVE, M'ORE, OR REQ'S			

### Purpose

This screen is used to review RPC requests to change an account's mail-to address information. This screen looks like Screen 45, *Mail-To Address Update*.

### Fields

See Central Station Screen 45, *Mail-To Address Update*, for field descriptions.

## **Request Type**

In the upper-left corner of the screen, next to the letters MAS, a screen message is displayed indicating the type of change being requested. The request types include CHANGE, ADD, DELETE, and NO CHANGE. See the introduction to the review screens for explanations of these messages.

## **Command Line**

#

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can modify the RPC's changes to the mail-to address. Remember to enter **S** to save your changes.

## **B'EFORE**

Enter **B** to highlight the fields that the RPC is requesting to change. However, the information that is shown is the data currently in the Central Station database.

## **C'HANGES**

Enter **C** to highlight the requests to change information. The information in the highlighted fields is the new information sent from the RPC. To view the current account data, enter **B**.

## **R'EJECT**

Enter **R** to reject the requests from the RPC to add or delete the mail-to address. The **R'EJECT** command rejects the entire mail-to page displayed on the screen.

## **G'EN**

Enter **G** to return to Screen 701.

## **S'AVE**

Enter **S** at the command line to save the modifications to the RPC's requests as they appear on the screen. The **S'AVE** command saves the information as it appears on the screen, but the account's data base is not changed until you accept the new information using the **A'CCEPT** command on Screen 701.

### **M'ORE**

If the **M** in the **M'ORE** command is flashing, there are more pages of requested changes to mail-to addresses. Enter **M** to view each additional page of information.

### **ALL**

Enter the word **ALL** at the command line to see all mail-to addresses for the account. In the upper-right corner of the screen next to the screen number, the words **ALL MAIL-TO'S** are displayed to remind you that you are viewing all mail-to pages for the account.

### **REQ'S**

The **REQ'S** (requests) command is displayed on the command line when the **ALL** command is entered. Enter **REQ** to display only those mail-to addresses which the RPC is requesting to change. In the upper-right corner of the screen below the screen number, the word **REQUESTS** is displayed to remind you that you are viewing requests only.

## Screen 701D - Passcard Review

MAS	- ADD -	Passcard Review	REQUESTS	CS-701D
CS#	24100	(S)	Installer	24
	AVERY PLASTICS		NATIONAL SECURITY	
	129 MAPLE STREET			
	APT 456			
	LAKESWOOD	CA	90457	
1	Sequence		50	
2	Type (S/M)		M	
3	Passcode		121058469	
4	Name		MARK MENDOZA	
5	Long Name		MARK ANTHONY MENDOZA	
6	Relation			
7	Phone 1		213-555-1212	x
9	Note 1			
10	Phone 2		x	
12	Note 2			
13	Level (1-40)		1	OPEN AT ANY TIME
14	Expires			
15	User			
16	Call Lists			
#, B'efore, C'hanges, R'eject#, G'en, S'ave, M'ore, or ALL				

### Purpose

The *Passcard Review* screen is used to review requests to change passcard information. This screen looks like Screen 46, *Passcard Update*.

### Fields

See Central Station Screen 46, *Passcard Update*, for field descriptions.

### Request Type

In the upper-left corner of the screen, next to the letters MAS, a screen message is displayed indicating the type of change being requested. The request types include CHANGE, ADD, DELETE, and NO CHANGE. See the introduction to the review screens for explanations of these messages.

### Command Line

#

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can modify requests to change passcard information. Remember to enter **S** to save your changes.

### **B'EFORE**

Enter **B** to highlight the fields that the RPC is requesting to change. However, the information that is shown is the data currently in the Central Station database.

### **C'HANGES**

Enter **C** to highlight the requests to change information. The information in the highlighted fields is the new information sent from the RPC. To view the current account data, enter **B**.

### **R'EJECT#**

Enter **R** and the line number of the request you want to reject. The **R'EJECT#** command rejects each line of passcard changes individually.

### **G'EN**

Enter **G** to return to Screen 701.

### **S'AVE**

Enter **S** at the command line to save your modifications to the RPC's requests. The **S'AVE** command saves the passcard information as it appears on the screen, but the account's data base is not changed until you accept the new information using the **A'CCEPT** command on Screen 701.

## **M'ORE**

If the **M** in the **M'ORE** command is flashing, there are more passcards to be reviewed than can be displayed on the screen. Enter **M** to view each additional page of passcard information.

## **ALL**

Enter the word **ALL** at the command line to see all passcard information for the account. In the upper-right corner of the screen next to the screen number, the words **ALL PASSCARDS** are displayed to remind you that you are viewing all passcard pages for the account.

When you enter **ALL** at the command line to see all passcard information, a letter (A, C, D) in the r field indicates a request to change that passcard information. The lines that do not have a letter in the r field do not have a change request attached.

## **REQ'S**

The **REQ'S** (requests) command is displayed on the command line when the **ALL** command is entered. Enter **REQ** to display only those passcards which the RPC is requesting to change. In the upper-right corner of the screen below the screen number, the word **REQUESTS** is displayed to remind you that you are viewing requests only.

## Screen 701E - Zone Dispatch Review

MAS	- ADD -	Zone Dispatch Review	CS-701E
CS#	24100	(S)	Installer 1
AVERY PLASTICS		NATIONAL SECURITY	
129 MAPLE STREET			
Page	1	PERMANENT	----- Dispatch Text -----
			3 BURGLARY DISPATCH INSTRUCTIONS
			4
			5 1. CONTACT PREMISE FIRST.
			6 2. IF NO ANSWER, CONTACT CALL LIST 1
			7 3. IF NO ANSWER, DISPATCH PD
			8
			9 @CALL L1, PD
			10
			11
			12
			13
			14
#, E#, B'efore, C'hanges, R'eject, G'en, S'ave, M'ore, or REQ's			

### Purpose

This screen is used to review requests to change an account's zone dispatch information. This screen resembles Screen 47, *Primary Dispatch Information*.

### Fields

See Central Station Screen 47, *Primary Dispatch Information*, for descriptions of the fields on this screen.

### Request Type

In the upper-left corner of the screen, next to the letters MAS, a screen message is displayed indicating the type of change being requested. The request types include CHANGE, ADD, DELETE, and NO CHANGE. See the introduction to the review screens for explanations of these messages.

## **Command Line**

### **#**

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can modify requests to change zone dispatch information. Remember to enter **S** to save your changes.

### **E#**

Enter **E** followed by the line number that you want to edit. This command will allow you to edit only a specific portion of a line without having to retype the entire line.

### **B'EFORE**

Enter **B** to highlight the fields that the RPC is requesting to change. However, the information that is shown is the data currently in the Central Station database.

### **C'HANGES**

Enter **C** to highlight the requests to change information. The information in the highlighted fields is the new information sent from the RPC. To view the current account data, enter **B**.

### **R'EJECT**

Enter **R** to reject the requests from the RPC to change the zone dispatch page. The **R'EJECT** command rejects the entire zone dispatch page displayed on the screen.

### **G'EN**

Enter **G** to return to Screen 701.

### **S'AVE**

Enter **S** at the command line to save the requests you have modified. The **S'AVE** command saves the information as it appears on the screen, but the account's data base is not changed until you accept the new information using the **A'CCEPT** command on Screen 701.

### **M'ORE**

If the **M** in the **M'ORE** command is flashing, there are more zone dispatch pages on file for the account than can be displayed on the screen. Enter **M** to view each additional page of information.

### **ALL**

Enter the word **ALL** to see all zone dispatch information for the account. In the upper-right corner of the screen below the screen number, the words **ALL PAGES** are displayed to remind you that you are viewing all pages of zone dispatch information for the account.

### **REQ'S**

The **REQ'S** (requests) command is displayed on the command line when the All command is entered. Enter **REQ** to display only those zone dispatch pages which the RPC is requesting to change. In the upper-right corner of the screen below the screen number, the word **REQUESTS** is displayed to remind you that you are viewing requests only.

## Purpose

## Fields

### Request Type

In the upper-left corner of the screen, next to the letters MAS, a screen message is displayed indicating the type of change being requested. The request types include CHANGE, ADD, DELETE, and NO CHANGE. See the introduction to the review screens for explanations of these messages.

### Command Line

#

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can modify requests to the overflow page. Remember to enter **S** to save your changes.

**E#**

Enter **E** followed by the line number that you want to edit. This command will allow you to edit only a specific portion of a line without having to retype the entire line.

**B'EFORE**

Enter **B** to highlight the fields that the RPC is requesting to change. However, the information that is shown is the data currently in the Central Station database.

**C'HANGES**

Enter **C** to highlight the requests to change information. The information in the highlighted fields is the new information sent from the RPC. To view the current account data, enter **B**.

**R'EJECT**

Enter **R** to reject the requests from the RPC to change the overflow page. The **R'EJECT** command rejects the entire page of changes displayed on the screen.

**G'EN**

Enter **G** to return to Screen 701.

**S'AVE**

Enter **S** at the command line to save the modifications you made to the RPC's requests. The **S'AVE** command saves the information as it appears on the screen, but the account's data base is not changed until you accept the new information using the **A'CCEPT** command on Screen 701.

## **M'ORE**

If the **M** in the **M'ORE** command is flashing, there are more overflow pages to be reviewed. Enter **M** to view each additional page of overflow information.

## **ALL**

Enter the word **ALL** at the command line to see all overflow pages on file for the account. In the upper-right corner of the screen below the screen number, the words **ALL PAGES** are displayed to remind you that you are viewing all overflow pages for the account.

## **REQ'S**

The REQ'S (requests) command is displayed on the command line when the **ALL** command is entered. Enter **REQ** to display only those overflow pages which the RPC is requesting to change. In the upper-right corner of the screen below the screen number, the word **REQUESTS** is displayed to remind you that you are viewing requests only.

## Screen 701G - Holiday List Review

MAS	- ADD -	HOLIDAY LIST REVIEW	CS-701G
CS# 24100		AVERY PLASTICS 129 MAPLE STREET	
##	HOL.....	START... THROUGH.	## HOLIDAY..START... THROUGH.
1	JULY 4TH	07/03/98 07/04/98	11
2			12
3			13
4			14
5			15
6			16
7			17
8			18
9			19
10			20
#, B'EF0RE, C'HANGES, R'EJECT, G'EN, OR S'AVE			

### Purpose

This screen is used to review requests to change an account's holiday schedule. This screen resembles Screen 44A, *Holiday List Update*.

### Fields

See Central Station Screen 044A for information about the fields on this screen.

### Request Type

In the upper-left corner of the screen, next to the letters MAS, a screen message is displayed indicating the type of change being requested. The request types include CHANGE, ADD, DELETE, and NO CHANGE. See the introduction to the review screens for explanations of these messages.

## **Command Line**

#

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can modify the RPC's requests. Remember to enter **S** to save your changes.

## **B'EFORE**

Enter **B** to highlight the fields that the RPC is requesting to change. However, the information that is shown is the data currently in the Central Station database.

## **C'HANGES**

Enter **C** to highlight the requests to change information. The information in the highlighted fields is the new information sent from the RPC. To view the current account data, enter **B**.

## **R'EJECT**

Enter **R** to reject the requests from the RPC to change the holiday list. The **R'EJECT** command rejects the entire list.

## **G'EN**

Enter **G** to return to Screen 701.

## **S'AVE**

Enter **S** at the command line to save the modifications you made to the RPC's requests. The **S'AVE** command saves the information as it appears on the screen, but the account's data base is not changed until you accept the new holiday information using the **A'CCEPT** command on Screen 701.

## Screen 711H - General Permit Review Window

General Permit Review Window		
PD	10 PD-LAKEWOOD PD	Permit Comments..... R
	Permit 1 P24100	
	Permit 2	
FD	10 FD-LAKEWOOD PD	
	Permit 1 F24100	
	Permit 2	
PT	1 TOUGH GUARD CO.	
	Permit 1 PT24100	
	Permit 2	
MD	1 LIFEALARM, INC.	
	Permit 1 M24100	
	Permit 2	
#, B'efore, C'hanges, or G'en		

### Purpose

This screen is used to review requests to change an account's permit information. This screen resembles Screen 49, *Permit Update*.

### Fields

All fields on this screen are the same as Screen 49 except the **R** (request) field on the far right.

### R

The **R** field indicates the type of change that is requested from the RPC (Add, Change, Delete) by displaying an A, C, or D. If for some reason the request cannot be processed by the computer, the letter in the R Field will be highlighted in reverse video.

### Command Line

### #

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can modify the RPC's requests. Remember to enter **S** to save your changes.

## **B'EFORE**

Enter **B** to highlight the fields that the RPC is requesting to change. However, the information that is shown is the data currently in the Central Station database.

## **C'HANGES**

Enter **C** to highlight the requests to change information. The information in the highlighted fields is the new information sent from the RPC. To view the current account data, enter **B**.

## **R'EJECT**

Enter **R** to reject the requests from the RPC to change the holiday list. The **R'EJECT** command rejects the entire list.

## **G'EN**

Enter **G** to return to Screen 701.

## **S'AVE**

Enter **S** at the command line to save the modifications you made to the RPC's requests. The **S'AVE** command saves the information as it appears on the screen, but the account's data base is not changed until you accept the new holiday information using the **A'CCEPT** command on Screen 701.

## Screen 701J - Common Overflow Review

MAS	Common Overflow Review			CS-701J
CS# 24100	AVERY PLASTICS		Installer 1	
(S)	129 MAPLE STREET		NATIONAL SECURITY	
	Seq	Common#...	Action	
1	1	100	CHANGE	
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
#, B'efore, C'hanges, I'nfo#, R'eject#, G'en, S'ave, M'ore, or REQ's				

### Purpose

This screen is used to review requests to change an account's common overflow pages. Common overflow pages are assigned to an account using the **O2'flo** command line option on Screen 42, *Account Update*.

### Fields

#### SEQ

The sequence order in which the common overflow pages will be accessed. Sequence 1 will be accessed first, sequence 2 will be accessed second, and so on.

#### COMMON#

The code identifying the common overflow page. This code is alphanumeric.

**ACTION**

The action regarding the common overflow page that is being requested for the account. Valid actions include **ADD**, **CHANGE**, and **DELETE**. If the action displays in reverse video, then there is additional information that needs to be viewed regarding the request. Use the **I'NFO#** command line option to view that information.

**Command Line**

#

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can modify requests to the overflow page. Remember to enter **S** to save your changes.

**B'EFORE**

Enter **B** to highlight the fields that the RPC is requesting to change. However, the information that is shown is the data currently in the Central Station database.

**C'HANGES**

Enter **C** to highlight the requests to change information. The information in the highlighted fields is the new information sent from the RPC. To view the current account data, enter **B**.

**I'NFO#**

Enter **I** followed by the line number to view additional information regarding the specific common overflow page. This command is available if there is an inconsistency in the add, change, or delete request. An example of an inconsistency would be a request is made to add a common overflow page that already exists for an account.

**R'EJECT#**

Enter **R** followed by the line number to reject the requests from the RPC to change the common overflow page.

### **G'EN**

Enter **G** to return to Screen 701.

### **S'AVE**

Enter **S** at the command line to save the modifications you made to the RPC's requests. The **S'AVE** command saves the information as it appears on the screen, but the account's data base is not changed until you accept the new information using the **A'CCEPT** command on Screen 701.

### **M'ORE**

If the **M** in the **M'ORE** command is flashing, there are more overflow pages to be reviewed. Enter **M** to view each additional page of overflow information.

### **ALL**

Enter the word **ALL** at the command line to see all overflow pages on file for the account. In the upper-right corner of the screen below the screen number, the words **ALL COMMON OVERFLOW** are displayed to remind you that you are viewing all common overflow pages for the account.

### **REQ'S**

The REQ'S (requests) command is displayed on the command line when the **ALL** command is entered. Enter **REQ** to display only those overflow pages which the RPC is requesting to change. In the upper-right corner of the screen below the screen number, the word **REQUESTS** is displayed to remind you that you are viewing requests only.

## Screen 702 - Review Accounts on Hold

```

MAS      - CHANGE -      Review Accounts On Hold      Held By:  CS-702
CS#  34500      2 (S)
3  Name  CAMPBELL, ALAN
4  Adr1   100 OAK STREET
5  Adr2
6  CSZp   LAKEWOOD,      CA   90808
9  Akey   OAK 100
10 Nkey   CAMPBELL,
11 Phn1   310-555-1000  x
13 Phn2   310-555-2000
15 Telco Ln#
16 UDF1
17 UDF2
18 MTyp   THOM
19 Map#   A-4
20 Type
21 BR     10 - LAKEWOOD PD
23 FD     10 - LAKEWOOD FD

34 Installer 1
35 WO Num
36 ULCode
37 CS Loc
38 SV Loc
39 GD Loc
40 # Grds
41 Sv Typ
42 MLFreq
43 Start
44 714-555-4444
45 PT
46 MD

Z'one, Sc'hed, M'ail, PA'sscard, ZD'isp, O'flo, H'ol, PR'mit, O2'flo
IN'/OUT' Svc, #, S'ave, L'og, N'ext, B'e'fore, C'hanges, A'ccept, R'eject

```

### Purpose

This screen is used to review accounts that have been put on hold because the requested changes could not be approved immediately. The accounts on hold display field on Screen 700 shows how many accounts are on hold.

### Screen Displays

The initials of the user who placed the account on hold are displayed in the upper-right corner of the screen next to the words held by.

The screen message ADD, CHANGE, DELETE, or NO CHANGE are displayed next to the letters MAS to indicate the type of change that is requested.

**Screens 701 and 702**

Screens 701 and 702 are identical except that Screen 701 is used exclusively to review requests to change account information, and Screen 702 is used exclusively to review accounts whose change requests have been put on hold.

All fields and command line options are identical. Refer to Screen 701 and 701A-J for field and command line descriptions.

## Screen 703 - Review Common Overflow

MAS	Review Common Overflow	CS-703
1	Common#	BELL
2	Installer	1 NATIONAL ALARM
3	DISARMING THE EXTERNAL SIREN	
4		
5	TURN KEY CLOCKWISE PAST 6:00;	
6	THEN TURN KEY COUNTER CLOCKWISE	
7	PAST 3:00	
8		
9		
10		
11		
12		
13		
14		
#, S'ave, N'ext, B'efore, C'hanges, A'ccept, or R'eject		

### Purpose

This screen is used to review requests from an RPC to change information for the common overflow. This screen resembles Screen 11, *Common Overflow Maintenance*.

### Fields

The fields on this screen are the same as those on Screen 11, *Common Overflow Maintenance*. See Screen 11, for field descriptions.

### Command Line

#

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can modify requests made by RPCs. Remember to enter **S** to save your changes.

### **S'AVE**

Enter **S** at the command line to save the modifications you made to the RPC's requests. The **S'AVE** command saves the information as it appears on the screen, but the permanent common overflow page is not changed until you accept the request using the **A'CCEPT** command.

### **N'EXT**

Enter **N** at the command line to view the next common overflow page being held for review.

### **B'EFORE**

Enter **B** to highlight the fields that the RPC is requesting to change. However, the information that is shown is the data currently in the Central Station database.

### **C'HANGES**

Enter **C** to highlight the requests to change information. The information in the highlighted fields is the new information sent from the RPC. To view the current account data, enter **B**.

### **A'CCEPT**

Enter **A** at the command line when you want to accept the changes to the common overflow page as it appears on the screen.

### **R'EJECT**

Enter **R** to reject the requests from the RPC to change the common overflow page. The **R'EJECT** command rejects the entire page of changes displayed on the screen.

# Memo Screens

---

There are two **MASlink** memo screens: Screen 704 and Screen 704A. Screen 704 is a list of the first five incoming and outgoing memos. The information on Screen 704 includes the RPC number of the RPC sending (or receiving) the memo, the name of the RPC, the date the memo was created, and a brief description of the memo's contents. Screen 704A is where you write memos and view the text of incoming memos.

## *In Box and Out Box*

There are two boxes displayed on this screen: the IN BOX and the OUT BOX. Select the In or Out box by entering **S** (for SWITCH) at the command line. On the left side of the boxes, the words IN BOX or OUT BOX appear in bold type to indicate which box of information has been selected.

The In Box on Screen 704 displays the memos received from RPCs and when they were sent. At the command line, choose which memo you want to read by entering **T** (for TEXT) and the number of the line on which the RPC memo information is displayed. The memo will be displayed on Screen 704A. (You cannot edit the text of an incoming memo.)

The Out Box on Screen 704 displays the memos you are sending to RPCs. To view or edit this text, enter **T** at the command line and the number of the line on which the RPC memo information is displayed. The memo will be displayed on Screen 704A.

## *System Memos*

System memos are created by **MASlink** to warn you of potential problems. The text of the memo will identify the specific problem and may suggest how it can be resolved.

## Screen 704 - Memos

MAS	Memos				CS-704
I	#	Rpc#	Name	Date	Regarding
N	=====	=====	=====	=====	=====
	1	1	NATIONAL SECURITY	05/26/98	CS# 34500
B					
O					
X					
O	#	Rpc#	Name	Date	Regarding
U	=====	=====	=====	=====	=====
T	1	1	NATIONAL SECURITY	05/27/98	COMMON OVERFLOW
B					
O					
X					
S'witch, M'ore, D'elete#, T'ext#, or N'ew					

### Purpose

This memo screen is used as a "mailbox." You can see who has sent memos to the central station as well as how many memos you have sent to RPCs and to whom you have sent them.

### Fields

All of the fields on this screen are display fields. The RPC who sent the memo, when it was sent, and a message about the memo's contents are displayed for up to five memos in the IN BOX. In the OUT BOX, the RPC who will receive the memo, the date the memo was created, and a message about the memo's contents are displayed for up to five memos.

#### #

The number field on the far left of the IN and OUT boxes assigns a number to each entry. This number is used when you want to delete an entry or read the text of one of the entries.

#### RPC#

The **RPC#** field displays the RPC identification number.

**NAME**

The **NAME** field displays the name of the RPC.

**DATE**

The **DATE** field displays the date the memo was created.

**REGARDING**

In the OUT BOX, this field displays a brief description of the memo as entered in the regarding field on Screen 704A, *Memo Text*. The IN BOX displays the regarding message sent by the RPC.

**Command Line**

**S'WITCH**

Enter **S** at the command line to move back and forth from the IN BOX to the OUT BOX. The words IN BOX or OUT BOX appear in bold type when you are working with the memos in that box.

**M'ORE**

The **M** in the **M'ORE** command will flash when there are more memos than can be displayed in the memo box. Enter **M** at the command line to view the next page of memos. Memos appear in the order created.

**D'ELETE#**

Enter **D** and the line number of the memo you want to delete. (The line number is the number on the far left of the IN/OUT BOX, next to the RPC number.) For example, to delete the first memo displayed, enter **D** and the number 1 (D1) at the command line. A **CONFIRM?** prompt is displayed. Enter **Y** to delete the memo from 704 and 704A. Enter **N** to cancel the delete process.

**T'EXT#**

Enter **T** and the line number of the memo you want to read. For example, to read the second memo displayed, enter **T2** at the command line. Screen 704A displays the text of the memo you selected.

**N'EW**

Enter **N** at the command line when you want to write a new outgoing memo. Screen 704A is displayed. See Screen 704A for a step by step explanation of how to enter a new memo.

## Screen 704A - Memo Text

MAS	MEMO TEXT	CS-704A
-----	-----------	---------

OUTGOING MEMO

1 RPC#	1	CREATED: 05/20/98
		AT: 15:31
	NATIONAL SECURITY	BY: AAA
		SENT: 05/20/98

2 REGARDING REQUEST TO CHANGE O'FLOW INFO

3 YOUR REQUEST HAS BEEN REJECTED.

4 PLEASE CONTACT JULIE AT 949/555-1212.

5

#, S'AVE, D'ELETE, N'EW, OR R'ETURN

### Purpose

This screen is used to write, edit, read, and delete memos. Outgoing memos are sent to RPCs during the RPC's next scheduled communication session. Incoming memos are read and deleted using this screen.

### Outgoing Memos

The upper-right corner of the screen displays the date and time the memo was created, and the initials of the operator who created the memo.

### Fields

#### 1 RPC#

Enter the number of the RPC to whom you are sending the memo or enter the word **ALL** to send the memo to all RPCs.

**2 REGARDING**

Enter a brief description of the memo's contents. 30 characters are available.

**3, 4, 5**

Enter the text of the memo on lines 3, 4, and 5. 60 characters on each line are available.

## Incoming Memos

MAS	MEMO TEXT	CS-704A
<div><div>INCOMING MEMO</div><div>1 RPC# 1 NATIONAL SECURITY</div><div>2 REGARDING BEVERLY HILLS PD</div><div>3 PLEASE ADD BEVERLY HILLS POLICE DEPARTMENT 4 AS AN AGENCY. THANKS!</div><div>5</div></div> <div>CREATED: 05/20/98 AT: 15:31 BY: AAA</div>		
#, S'AVE, D'ELETE, N'EW, OR R'ETURN		

### Purpose

This memo screen is used to display all incoming memos. Incoming memos can't be edited. The upper-right corner of the screen displays the date and time the memo was created and the username of the RPC user who sent the memo. The **RECEIVED** field displays the date the memo was received from the RPC.

### Fields

#### RPC#

The number of the RPC sending the memo is displayed in this field.

#### REGARDING

This field displays a brief message about the memo's contents. This message is displayed on screen 704.

3, 4, 5

The text of the memo is displayed on these lines.

### Command Line

#

The number sign indicates that you can enter any field number at the command line to move the cursor to that field so you can enter or change information (outgoing memos only). Remember to enter **S** to save the outgoing memo information you have changed.

### S'AVE

Enter **S** at the command line to save the information as it appears on the screen (outgoing memos only).

### D'ELETE#

Enter **D** and the line number of the memo you want to delete. A **DELETE?** prompt is displayed. Enter **Y** if you want to delete the memo or **N** if you do not want to delete the memo.

### N'EW

Enter **N** at the command line when you want to write a new outgoing memo. The cursor moves to the **RPC#** field. Enter the number of the RPC to whom you are sending the memo. Enter the word **ALL** to send the memo to all RPCs. The cursor moves to the **REGARDING** field. Enter a brief description of the memo's contents. The cursor moves to field 3. Type the text of the memo in the three lines provided. Enter **S** to save the memo you have written. The memo will be sent during the next communication session to the select RPC(s).

### R'ETURN

Enter **R** at the command line to return to screen 704.

# Report Screens

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The report screens provide printed reports of all **MASlink** related information for each RPC and installer as well as all interactions between the Central Station and the remote PCs.

## ***Printing Reports***

The print command functions the same as in the Central Station software. Enter **GO** at the command line to send the report to the printer. Enter **GOV** to view on the report on your computer screen (instead of printing it to your printer). Enter **GOX** to display screen NQ-002 which allows you to select the printer where you want the report to be printed.

The following is a list of the report screens and the related **MASlink** screens from which the information is taken.

### **Screen 722 - Communication History Report**

This report shows communication history for an individual RPC. The report includes when the sessions occurred, how much information was sent, and any error messages. This report should always be run before purging history. The information on this report can be viewed on Screen 712.

### **Screen 723 - Requested Changes Report**

This is a report of all changes requested by each RPC. All changes made from Screen 701 and 701A-J are included in the report.

### **Screen 724 - Memo Report**

This report prints all incoming, outgoing, and system memos as displayed on Screen 704, *Memo Text*.

**Screen 725 - Remote PC Listing**

This report prints details for all remote PCs. The information on this report is the same as appears on Screen 752.

**Screen 726 - Account Totals Report**

This report shows the total number of accounts by installer for selected RPCs. There is no **MASlink** screen that displays the information on this report.

## Screen 722 - RPC History Report

MAS	RPC History Report	CS-722
1 Start RPC#	<b>FIRST</b>	
2 Through RPC#	<b>LAST</b>	
3 Start Date	02/02/98	
4 Through Date	02/16/98	
5 New Page Each? (Y/N)	<b>Y</b>	
#, or 'GO' to Begin Printing		

### Purpose

This screen is used to print a report of communication history for all RPCs or a specific group of RPCs. You can also select the starting and ending dates that will include the communication sessions you want to print out.

Typically, this report is used to keep track of the time taken during communication sessions and how much data was sent and received. It is important to run this report before purging history.

### Fields

#### 1 START RPC#

Enter the word **FIRST** to begin printing from the first RPC, or enter the number of the RPC with which you want the report to begin.

#### 2 THROUGH RPC#

Enter the word **LAST** to end the report with the last RPC, or enter the number of the RPC with which you want the report to end.

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### 3 START DATE

Enter the date from which you want the report to begin.

### 4 THROUGH DATE

Enter the date that will mark the end of the reporting period.

### 5 NEW PAGE EACH?

Enter **Y** in this field to begin each RPC's history printout on a separate page. If you enter **N** in this field, the report will be printed without page breaks between each RPC's history information.

### Command Line

#

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can enter or change information.

**GO**

Enter the word **GO** at the command line to print the history report.

## Screen 723 - Requested Changes Report

MAS	Requested Changes Report	CS-723
1 Start Inst	1	
2 Through Inst	999999	
3 Start CS#	FIRST	
4 Through CS#	LAST	
5 New Page Each? (Y/N)	Y	
#, or 'GO' to Begin Printing		

### Purpose

This screen is used to print a report listing the requests from RPCs to change account information. This report includes all information reviewed on the 701 screens in the same format in which it appears on those screens. Account information is sorted by installer and CS account number.

***MAS strongly recommends that you print this report prior to accepting any requests from the RPC.***

### Fields

The installer numbers entered in Fields 1 and 2 create the range of installers to be included in the report.

#### 1 START INST

Enter the first installer whose accounts you want to include on the report.

### 2 THROUGH INST

Enter the last installer whose accounts you want to include on the report

The CS account numbers entered in Fields 3 and 4 create the range of accounts to be included in the report for the range of installers entered in fields 1 and 2.

### 3 START CS#

Enter the number of the first CS account to be included on the report. Enter the word **FIRST** to begin the report with the first CS account number for the installer range entered in fields 1 and 2.

### 4 THROUGH CS#

Enter the number of the last CS account to be included on the report. Enter the word **LAST** to begin the report with the last CS account number for the installer range entered in fields 1 and 2.

### 5 NEW PAGE EACH?

Enter **Y** in this field to print the information for each CS account on a separate page. If you enter **N** in this field, the report will be printed without page breaks between each CS account.

### Command Line

#

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can enter or change information.

### GO

Enter the word **GO** at the command line to print the report.

## Screen 724 - Memo Report

MAS	Memo Report	CS-724
1 Start RPC#	<b>FIRST</b>	
2 Through RPC#	<b>LAST</b>	
3 Start Incoming Memos? (Y/N)	<b>Y</b>	
4 Print System Memos? (Y/N)	<b>Y</b>	
5 Delete After Print? (Y/N)	<b>Y</b>	
6 Print Outgoing Memos Sent? (Y/N)	<b>Y</b>	
7 Print Memos to Send? (Y/N)	<b>Y</b>	
#, or 'GO' to Begin Printing		

### Purpose

This screen is used to print a report of incoming, outgoing, and system memos. The entire memo as it appears on the *Memo Text* screen is included on the report.

### Fields

#### 1 START RPC#

Enter the word **FIRST** to begin printing from the first RPC, or enter the number of the RPC with which you want the report to begin.

#### 2 THROUGH RPC#

Enter the word **LAST** to end the report with the last RPC, or enter the number of the RPC with which you want the report to end.

#### 3 PRINT INCOMING MEMOS? (Y/N)

Enter **Y** to include incoming memos in the printed report. Enter **N** to exclude incoming memos from the report.

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### 4 PRINT SYSTEM MEMOS? (Y/N)

Enter **Y** to include memos generated by **MASlink** in the printed report. Enter **N** to exclude system memos from the report.

### 5 DELETE AFTER PRINT? (Y/N)

Enter **Y** to delete incoming and system memos after the report has been print. Enter **N** to retain the memos after the report has been printed.

#### Note

This field only deletes incoming and system memos. (System memos are memos generated by the host during a communication session.) All other memos must be manually deleted using Screen 704.

### 6 PRINT OUTGOING MEMOS SENT? (Y/N)

Enter **Y** to include outgoing memos in the report that have already been sent to the RPC. Enter **N** to exclude outgoing memos that have already been sent to the RPC.

### 7 PRINT MEMOS TO SEND? (Y/N)

Enter **Y** to include memos to in the report that have not yet been sent to the RPC. Enter **N** to exclude memos that have not yet been sent to the RPC.

## Command Line

#

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can enter or change information.

**GO**

Enter the word **GO** at the command line to print the report.

## Screen 725 - Remote PC Listing

MAS	Remote PC Listing	CS-725
1 Start RPC#	<b>FIRST</b>	
2 Through RPC#	<b>LAST</b>	
3 New Page Each? (Y/N)	<b>Y</b>	
#, or 'GO' to Begin Printing		

### Purpose

This screen is used to generate a list of all or a select group of RPCs and related information as entered on Screen 752, *Remote PC Maintenance*.

### Fields

#### 1 START RPC#

Enter the word **FIRST** to begin printing from the first RPC, or enter the number of the RPC with which you want the report to begin.

#### 2 THROUGH RPC#

Enter the word **LAST** to end the report with the last RPC, or enter the number of the RPC with which you want the report to end.

#### 3 NEW PAGE EACH?

Enter **Y** in this field to print each RPC's information on a separate page. If you enter **N** in this field, the report will be printed without page breaks between each RPC's information.

**Command Line**

**#**

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can enter or change information.

**GO**

Enter the word **GO** at the command line to print the report.

## Screen 726 - Account Totals Report

MAS	Account Totals Report	CS-726
1 Start RPC#	<b>FIRST</b>	
2 Through RPC#	<b>LAST</b>	
3 New Page Each? (Y/N)	<b>Y</b>	
#, or 'GO' to Begin Printing		

### Purpose

This screen is used to print a report of the total number of installers and the total number of accounts for each RPC. The report shows each installer's number, name, and the number of accounts for each installer, and the number of accounts marked for deletion. The totals for each type of information are given below each of the columns of information on the report.

### Fields

#### 1 START RPC#

Enter the word **FIRST** to begin printing from the first RPC, or enter the number of the RPC with which you want the report to begin.

#### 2 THROUGH RPC#

Enter the word **LAST** to end the report with the last RPC, or enter the number of the RPC with which you want the report to end.

#### 3 NEW PAGE EACH?

Enter **Y** in this field to print each RPC's information on a separate page. If you enter **N** in this field, the report will be printed without page breaks between each RPC's information.

**Command Line**

**#**

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can enter or change information.

**GO**

Enter the word **GO** at the command line to print the report.

# Utility Screens

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This section provides detailed information about the five **MASlink** utility screens, **MASlink** security, and two CS screens with fields that pertain to **MASlink**.

## Screen 761 - Communication History Purge

This screen permanently removes communication history for one or more RPCs. Periodic history purging is recommended to maintain adequate disk space which improves system performance. It is recommended that you run the communication history report before purging history.

## Screen 762 - Installer/RPC# Cross Reference

This screen displays all RPCs connected with an installer.

## Screen 763 - MASlink File Repairs

When file contents have been damaged, this screen will restore the data to re-create the original file. Rebuilding files should be done only when instructed by MAS.

## Screen 764 - Location/RPC# Cross Reference

This screen displays all RPCs whose accounts have been assigned to a selected CS location.

## Screen 765 - Location Maintenance Record Repair

If you have any RPCs that are set up to receive accounts that are classified by location, you may use this screen to update the master location file which stores the total number of RPCs that have a specific location. The system uses Screen 752B to determine the location profiles for each RPC. This screen is used to protect against corruption that may occur within the master location file. You only need to run this repair if you anticipate something has gone wrong within the master location file,

### **Screen 770 - Program/User Security Maintenance**

This screen is used to set up user security for a specific RPC type. This screen is similar to Screen 360 in that you are assigning access levels to user security levels for a specific program. However, there are some fundamental differences. First, the user security level is the security class that you enter for a username in **MASlink**. Second, the security privileges are defined for an RPC type. All RPCs with that RPC type will have the same security privileges. The RPC type is assigned to an RPC on Screen 753, *Build Packet to Download*.

### **Screen 51 - Event Code Update**

This screen is used to set up and modify the event codes used throughout the Central Station software. Event codes describe the signals that may be received from your subscriber sites and the actions a CS dispatcher may take in resolving those events.

### **Screen 11 - Common Overflow Maintenance**

This screen is used to enter information or instructions that apply to one or more installers, agencies, or accounts. By entering information as a page of common overflow, you'll only have to edit the information on one screen if the information changes.

## Screen 760 - Communication History Purge

MAS	Communication History Purge	CS-760
1 Start RPC#	<b>FIRST</b>	
2 Through RPC#	<b>LAST</b>	
3 Through Date	<b>06/30/98</b>	
#, or 'GO' to Begin Printing		

### Purpose

This screen permanently removes communication history for one or more RPCs. Periodic history purging is recommended to maintain adequate disk space which improves system performance. It is recommended that you run the communication history report before purging history.

### Fields

#### 1 START RPC#

Enter the first RPC number for which you want to delete history. Enter the word **FIRST** to begin deleting history starting with the first RPC.

#### 2 THROUGH RPC#

Enter the last RPC number for which you want to delete history. Enter the word **LAST** to delete history through the last RPC.

#### 3 THROUGH DATE

History will be purged up to, and including, the date entered in this field.

**Command Line**

**#**

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can enter or change information.

**GO**

Enter the word **GO** at the command line to delete the communication history of the RPCs selected in fields 1 and 2. The **CONFIRM?** prompt will be displayed. Enter **Y** to begin purging history. Enter **N** if you do not want to purge history.

## Screen 762 - Installer/RPC# Cross Reference

MAS	Installer / RPC# Cross Reference			CS-762
Installer            1				
NATIONAL ALARM CO				
2323 SIGNAL STREET				
TUSTIN, CA 92557				
714 555-5454				
RPC#..	Name.....	Address.....	City.....	
1 1	M&M ALARM CO.	3030 LARSON WY	COSTA MESA	
2 10	ACTION SECURITY	8849 MAIN ST.	MIDVALE	
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
M'ore or N'ext				

### Purpose

This screen displays all RPCs connected with an installer.

### Fields

#### INSTALLER

Enter the number of the installer whose RPCs you want to view. The installer's name and address are displayed below his installer number. All RPCs associated with this installer are displayed in the lower portion of the screen.

### Display Fields

The lower portion of the screen displays the RPCs associated with the installer entered in the installer field. The RPC number, name, address, and city are displayed from Screen 752.

## **Command Line**

### **M'ORE**

If the **M** in the **M'ORE** command is highlighted or flashing, there are more RPCs than can be displayed on the screen for this installer. Enter **M** at the command line to display the next page of RPCs connected to the installer.

### **N'EXT**

Enter **N** at the command line to clear the screen. The cursor moves to the **INSTALLER** field where you may enter the number of the next installer for whom you want to review associated RPCs.

## Screen 763 - MASlink File Repairs

MAS	MASlink File Repairs	CS-763
This Routine Will Repair A Range Of The MASlink Files.		
1 Beginning File # To Rebuild	1	1 Remote PC File
2 Through File # To Rebuild	14	2 Remote PC Installer File
		3 Installer Cross Reference
		4 Periodic Session Index
		5 Communication Data File
		6 Account Master Review File
		7 Zone Page Review File
		8 Zone Dispatch Pages Review File
		9 Passcard Review File
		10 Schedule Review File
		11 Overflow Pages Review File
		12 Mail-To Address Review File
		13 Common Overflow Review File
		14 Memo File
Type 'GO' to Proceed		

### Purpose

When file contents have been damaged, this screen will restore the data to re-create the original file. Rebuilding files should be done only when instructed to do so by MAS.

### Fields

There are two fields on the left side of the screen: **BEGINNING FILE # TO REBUILD** and **THROUGH FILE # TO REBUILD**. On the right side of the screen there is a list of the files that can be rebuilt.

The numbers next to the files listed on the right side of the screen are entered in the two fields on the left. Use these two fields to select a range of files to rebuild.

#### 1 BEGINNING FIELD # TO REBUILD

Enter the number of the first file to be rebuilt

**2 THROUGH FILE # TO REBUILD**

Enter the number of the last file to be rebuilt.

**Command Line**

**#**

The number sign indicates that you can enter any field number at the command line and the cursor will move to that field so you can enter or change information.

**GO**

Enter the word **GO** at the command line to rebuild the files selected in fields 1 and 2. The **CONFIRM?** prompt will be displayed. Enter **Y** to begin rebuilding files. Enter **N** if you do not want to rebuild the files.

## Screen 764 - Location/RPC# Cross Reference

MAS	Location / RPC# Cross Reference			CS-764
Location 10				
CALIFORNIA				
	RPC#	Name	Address	City
1	1	M&M ALARM CO.	3030 LARSON WY	COSTA MESA
2	10	ACTION SECURITY	8849 MAIN ST.	MIDVALE
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
M'ore or N'ext				

### Purpose

This screen displays all RPCs whose accounts have been assigned to a selected CS location.

### Fields

#### LOCATION

Enter the number of the location for which you want to review the associated RPCs. The location's name is displayed below the location number. All RPCs which have accounts which have been assigned to this location are displayed in the lower portion of the screen.

### Display Fields

The lower portion of the screen displays the RPCs associated with the location entered in the installer field. The RPC number, name, address, and city are displayed from Screen 752.

## Command Line

### **M'ORE**

If the **M** in the **M'ORE** command is highlighted or flashing, there are more RPCs than can be displayed on the screen for this location . Enter **M** at the command line to display the next page of RPCs connected to the location.

### **N'EXT**

Enter **N** at the command line to clear the screen. The cursor moves to the **LOCATION** field where you may enter the number of the next location for whom you want to review associated RPCs.

## Screen 765 - Location Maintenance Record Repair

```
MAS                      MASlink Location Maintenance Record Repair          CS-765

THIS PROGRAM WILL REPAIR THE DATA RECORD WHICH STORES,
BY LOCATION, THE TOTAL NUMBER OF RPCS HAVING THAT
LOCATION WITHIN THEIR PROFILE ON SCREEN CS0752B.

Type 'GO' to Proceed
```

### Purpose

If you have any RPCs that are set up to receive accounts that are classified by location, you may use this screen to update the master location file which stores the total number of RPCs that have a specific location. The system uses Screen 752B to determine the location profiles for each RPC. This screen is used to protect against corruption that may occur within the master location file. You only need to run this repair if you anticipate something has gone wrong within the master location file. You should only run this repair if you have been instructed to do by MAS.

### Command Line

#### GO

Enter the word **GO** to begin updating the master location file. Once the process is finished, you will return to the main menu.

## Screen 51 - Event Code Update

MAS	Event Code Update	CS-051
1 Event Code	8	18 Min User Level 4
2 Description	NORMAL OPEN	19 Disposition Type
3 Reporting Code	O OPEN/CLOSE	20 Disposition Code
4 Response Code	1 ATTEMPT TO LOG	21 Prompts (P/C/B/N) N
5 Resp. Priority	10	22 Confirm Required? N
6 Event Class	O	23 VRT ClrTest (R/N)
7 Wait	0 1=Set, 2=Clr, 3=Egres	24 Agency Type (PFMT)
	4=Disarm, 5=Arm, 6=Delay	25 Dual Custody (Y/N) N
8 Wait Event Code	0	26 Screen 12 to S'kip
9 Status Change	O O=Opn, C=Cls, A=Alrm, T=Trbl	27 Ticket Type
	R=Rst, N=Norm, X=Outg, S=Stay	28 Global ZD Page
10 Dispatch Code	(NOT USED)	29 Event Type
11 Alternate Desc		30 Zone Group
12 Can RPC'S Use?	Y (Y/N) MASlink Only	31 ABM Status
13 False Dispatch	N (Y/N)	32 Spcl Flags
14 Late Event Code	555	
15 A'bort OK, A'B'ort		
16 VRT Type (1-99)	20	
17 Equivalent Code	0	
	#, S'ave, or N'ext	

### Fields

#### CAN RPCS USE? (Y/N)

Enter **Y** in this field to allow RPCs to enter this event code on zone pages. Enter **N** in this field to prevent RPCs from using this event code.

#### Note

If you do not allow your RPCs to request additions or changes to zone page data, ignore this field.

RPCs will be able to view all event codes, but will only be able to request additions or changes using the event codes you have approved.

### Event Code Conversion

MAS can run an event code conversion utility that sets the **CAN RPCS USE?** field to **Y** or **N** for all event codes. If you want your RPCs to be able to use all or most of your event codes, ask MAS to run the utility and set the field to **Y**. Then, access Screen 51 and enter **N** in the **CAN RPCS USE?** field for the event codes you do not wish the RPCs to be able to use.

If you want your RPCs to be able to use only a few event codes, ask MAS to run the utility and set the field to **N**. Then, access Screen 51 and enter **Y** in the **CAN RPCS USE?** field for the event codes you want the RPCs to be able to use.

## Screen 11 - Common Overflow Maintenance

Common Overflow Maintenance		CS-011
1	Common#	2
2	Installer	1 NATIONAL ALARM CO
	(MASlink)	
3	ALARM SYSTEM SERVICE	
4		
5	6 A.M. THRU 5 P.M.	
6	CALL JOHN	
7	OFFICE: 714/555-3892	
8	PAGER: 714/555-1004	
9		
10	AFTER HOURS	
11	CALL MELVIN	
12	HOME: 714/555-4729	
13	PAGER: 714/555-1855	
14		
#, E#, S'ave, N'ext, or DEL'ete		

### Fields

#### INSTALLER

To allow individual RPCs to modify common overflow, **MASlink** requires that the common overflow be attached to only one installer. In the CS system, common overflow pages can be assigned to accounts belonging to different installers, but the common overflow pages can only be sent to and modified by the RPCs associated with the installer entered here.

#### Common Overflow Conversion

MAS can run a utility which places an installer code in field 2 of each common overflow page. The utility will only do so for those common overflow pages that are assigned to only one installer's accounts. If a common overflow page has been assigned to the accounts of more than one installer, only one of the installer codes will be placed in field 2. A report will be printed showing all accounts that reference common overflow pages that are assigned to the accounts of more than one installer

**Notes...**

# Appendix

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This appendix provides additional information concerning redundancy and **MASlink** processing. Information is also provided on how to switch **MASlink** processing from the B machine to the A machine.

## Redundancy and **MASlink** Processing

**MASlink** data is only as current as the redundancy between the A and B machines. The redundancy processes are used to place data into PC packets, which are automatically downloaded to the RPCs. If either the A or B machine is down, or the redundancy between the A and B machines is not running, then the PC packets will not be built. However, as long as Programs CD004 and CD006 are running, requests for RPCs can be accepted but no updates are sent to the RPCs. The data changes are stored on the system until redundancy is running again. When redundancy is resumed, the information is placed into PC packets and downloaded to the RPCs.

If redundancy is down, you may manually build the PC packets that are typically created through redundancy using Screen 753, *Build Packet to Download*. You must specify the following things in Screen 753:

- Enter a **Y** in the **SUBSCRIBER DATA (Y/N)** field.
- Use the **MODIFIED SINCE** field to specify the date as of which you want to restore the information.
- Enter a **Y** in the **ACTIVITY (Y/N)** field.
- Use the **START DATE** field to specify the last date a PC packet was built.
- Use the **THROUGH DATE** field to specify today's date since that is when you are manually building the packet.
- Before redundancy is brought back up, use the **ACTIVITY CUTOFF** field in Screen 752, *Remote PC Maintenance*, to specify the last date a PC packet was built. This date must be the same date that is entered in the **THROUGH DATE** field in Screen 753.

If you choose to manually create the PC packets, Screen 753 should continue during the time the redundancy between the A and B machine is down. Once redundancy is current, PC packets will be built from the time it initially fell behind. In this situation RPCs will most likely experience System Memos, such as ADD REQUEST RECEIVED BUT DATA ALREADY EXISTS. These memos are common in this type of situation, however, you may want to check to ensure that these memos occurred as a result of redundancy being down.

### Switching **MASlink** Processing

Switching **MASlink** processing is intended to permanently change the side on which communications is running. However, you may also elect to switch processing for an extended period of time due to such events as a hardware problem.

You may use the following steps to switch **MASlink** processing from the B machine to the A machine.

#### On the B machine do the following steps:

1. Access Screen 982 and select option 4, **MASlink** Packet Processing Shut Down, to shut down CD004 and CD006. Use Screen 331 to check to ensure that those processes have been shut down.
2. Access Screen 982 again and select option 5, **MASlink** Remote Request Shut Down, to shut down CD005. Again, use Screen 331 to check to ensure that the process has been shut down.
3. Access Screen 901 and enter **A** in the **MASLINK SYSTEM (A/B/N)** field.

#### On the A machine do the following steps:

1. Access Screen 901 and enter **A** in the **MASLINK SYSTEM (A/B/N)** field.
2. Run Screen 763, **MASlink** File Repairs, to repair all **MASlink** files. Use the default ranges available on the screen.
3. Access Screen 932 and select option 4, **MASlink** Packet Processing Startup, to begin CD004 and CD006. Use Screen 331 to check to ensure that those processes have been started.
4. Access Screen 932 again and select option 5, **MASlink** Remote Request Startup, to begin CD005. Again, use Screen 331 to check to ensure that the process has been started.
5. Enter **GO** in Screen 753, *Build Packet to Download*, to delete old PC files and rebuilds based on the last call made in Screen 752.

Once you have finished these steps, **MASlink** processing should be running on the A machine.