

SYS75.TXT

The Complete Guide to Definity G Series Systems AKA System 75 - 85

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Greetings to: Invalid Media, The Missing Link, Randy Hacker, Dark Druid, Nickodemus, Mercury, Renegade, Infinity (enjoy the army!), Weirido, TomCat, GarbageHeap, Dark Shadow and The M&M boys for their ToneLoc.

I am accepting new users on my bbs, leave mail on Unphamiliar Territory if you wish to call! My board is 14.4k, and has over 250k of files, and texts.

Basic History

Definity model systems became existent in the later part of the 1970's. In 1983 AT&T came out with a revised model called 75. This system was built to hold more incoming lines, and did not have as many errors as the earlier version did. The 1983 version was replaced with a version re-written in 1986. Today the systems are referred to as G models. System 75 is now called G1 and 85 is called G2. A new model is currently available and is called the Definity G3I which is Generic 3 w/ Intel chip, and Definity G3R which is Generic 3 w/ Risk chip. There are 3 different versions to each model. Version one is the most common, and it is a XE Single Carrier Unit. The other two versions I forgot. A system will usually cost somewhere around 50 to 80 thousand dollars. You MIGHT come across a smaller version and it is called 'Merlin Legend' this system will hold about 50-100 lines. System 75 & 85 will hold around 1000 lines. Enough history!!!

Discovering the System

When you find a system 75 or so, you will make a 1200/NONE connection, as for most setups have a built in 1200 baud modem. Normally the carrier number will not be in the same prefix as the business or the pbx. And the line is actually owned by at&t. Try CNA'ing a system 75 line, it will tell you that it is owned by att. Once you find a carrier, you will need to be able to display ANSI or some equivalent type of terminal graphics. I prefer ansi over strip 7+. My suggestion is to use ToneLoc which is produced by Mucho Maas, and Minor Threat. As you know this file will scan

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for for carriers aswell as tones. This file can be found on just about every ELITE H/P bbs.

Getting into the System

Getting into the system is the easy part if you have the defaults. I will not give out any defaults, you must find them on your own, and you will find out that alot of people are not willing to trade for them. The one account I will give is BROWSE PW:??????. This default will enable you to snoop around and tell whether or not they have a pbx, providing they have not changed the password or restricted the account. Browse is usually a full operational account without the privledges of altering any data. But I have come across a couple of systems where browse wouldnt do anything. Using the browse account is a good way to start. It is also good to use anytime you call and dont plan on changing anything. All actions by browse are not kept in the system history file. Now on to the actual commands.

Using System 75

After logging on to 75, there are several accounts available depending on the default you are using. This part will e for the basics and the people using browse. I will explain more next for the more advanced people. When you logon you will have the commands: LIST, DISPLAY and a couple others that dont matter. These are the only ones that you will need with browse. First type 'DIS REM' (display remote access). If there is a pbx set on the system, it will be shown on the extension line. The barrier code is the code to the dialup. The extension lie can either be 3 or 4 digits. Usually if its 3 digits, it is run off of AUDIX (automated directory exchange) or are smart and are hidding the last digit! Next display the trunk groups, this will tell you the actual dialups; normally. If they are not, dont panic. As you go thru the trunk groups, look also at the incoming destination aswell as the night destination. If any of these show the remote extension here, there is your pbx. If doesnt, keep looking thru all of the trunk groups. Write down all of the phone numbers it gives you, and try them. They will usually be found on page three or so.

Alot of the time, places call forward a back line or so to the actual pbx. If there is no remote access extension when you display the remote access, then you are shit out of luck unless you have a higher default and read the rest of this text.

Setting Up Your Own PBX

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If you have a higher default, you will notice if you type help you have more commands that are available to you, such as: change, download, etc... Remember, the company can change the privledges of the defaults, so if you can not see these commands, use another default. The first thing you want to do is display the dialplan, this will tell you the amount of digits and the first digit of all of the sequences. ie...

```

                        Number of Digits
-----1-----2-----3-----4-----5-----6-----7-----8-----9
--
F 1
I 2      Tac
R 3
S 4      Fac
T 5
  6      Extension
D 7      Extension
I 8      Tac
G 9
I 0
T *
  #

```

All extension will start with either a 6 or 7 and be four digits long. The Tac is two digits, and will start with a 2 or 8. Dont worry about FAC or any others. After you make notes of this, type 'ch rem' (change remote) and goto the extension line, and put in an extension. Next find the trunk group that you want to use, and type 'ch tru #' goto the line for night service and put the extension in there. If there is already an extension for night service on all of the trunks dont fear, KEEP READING. If not, add it, and then save it. If it says invalid extension, you misread the dialplan. If you pick an extension already in use, it will tell you that when you try to install it in the remote extension line in the remote address. Once all of this is completed, you may go back to the remote access, and add a code if you like. NEXT IS VERY IMPORTANT.. Look at the trunk that you installed night service. Write down the COR number. Cancele that command, and type 'dis cor #'. Make sure that the Facilities Restriction level.

(FRL) at the top is set to 7!!!! and under calling party restrictions & called party restrictions the word NONE (lower case) is there! If they are not type 'ch cor #' and do all of it. Last, type 'dis feature' this will display the feature access codes for the system. There will be a line that says something like SMDR Access Code. This will be the code that you enter after the barrier code, if there is one. I have seen some be like *6 etc...

Also there will be on page 2 I think something to the like outside call, usually it is set to 9, but be sure.

Thats about it for this segment. All should be fine at this point,

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for those that want a 24 hour pbx, this next section is for you.

For those of you that are greedy, and want a 24 hour pbx, most of the steps above are the same. The only difference is that you will look through all of the trunks until you come across one that has several incoming rotary lines in it, simply write down the port number, and the phone number for future reference, and delete it by using the ch command. From the main prompt type 'add tru #', dont change anything! For the TAC enter a correct tac number. Keep going to you get till the COR, enter a valid one, and remember that the FRL should be set to 7 etc... keep going, the next line that is vacant and needs something is the incoming destination set it to remote extension that you have created. The next vacant line i think is type, towards the middle of the page. Enter ground, and it should print out ground-start. Hmm, next goto page 3 and enter the port and phone number that you wrote down earlier. Save all of the changes that you have made. This should be all you need. In part, if there is a demand, I will tell how to make a bridge off of a 75. It is alot more diffucult, and am not going to sit here and type if no one is interested. Also in part 2, i will discuss how to add a vmb to their system for your own use! Remember, if they have AUDIX Voice Mail, THEY HAVE a system 75 so happy hunting, and see ya soon.

If you need to get ahold of me, I call The Million Dollar Saloon, Unphamiliar Territory. Just leave mail there, and I will reply as soon as possible.

Scott Simpson

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Basic Terminology

COR - Class Of Restriction
FRL - Facilities Restriction Level
SMDR - Station Message Detail Recording
TAC - Trunk Access Code
FAC - Feature Access Code

Basic Commands for Default Emulation (513)

Esc Ow - Cancel

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Esc [U - Next Page
Esc SB - Save
Esc Om - Help

Commands for 4410

Esc Op - Cancel
Esc Ot - Help
Esc Ov - Next Page
Esc Ow - Back Page
Esc OR - Save
Esc Oq - Refresh
Esc Os - Clear Fields

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