



**EDACS™ SYSTEM MANAGER  
DYNAMIC REGROUP OPERATOR'S GUIDE**

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## SECTION I -- DYNAMIC REGROUP PROCEDURES

### INTRODUCTION

This manual covers the Dynamic Regroup feature found in System Manager Software. The manual is divided into two sections. The first section contains a short introduction to dynamic regroup and shows the reader how a regroup plan is set up. Section II describes each of the screens used in Dynamic Regroup in detail. Each field is defined and function keys are explained.

SECTION I      Dynamic Regroup definition and procedures.

SECTION II     Detailed description of Dynamic Regroup screens.

### DYNAMIC REGROUP

Dynamic regroup allows radios to be remotely programmed into different communications groups. This feature is particularly useful in handling emergencies when unrelated groups must be temporarily united in one group. A plane crash, chemical spill, major fire, or natural disaster are examples of situations that may require dynamic regroup. The ability to create regroup plans in advance and execute them by typing the plan name makes dynamic regroup a valuable feature.

A dynamic regroup plan is a collection of destination groups and source groups. Source groups are the communications groups existing before a dynamic regroup. Destination groups are the new communications groups formed after a dynamic regroup plan is activated. Radio units from source groups are moved (dynamically regrouped) into destination groups upon activation of a regroup plan.

An illustration of the dynamic regroup process is shown in Figure 1-1. In this illustration, members of communications groups FIRE A & B are regrouped to form destination groups FIRE C & D. Groups FIRE A & B are source groups and FIRE C & D are destination groups. In an actual regroup plan, both destination groups FIRE C & D can be activated, or either of the groups may be activated.

Dynamic regroup includes an instant plan activation/deactivation feature. This feature allows loading regroups into radios without affecting their operation and then manually, or automatically, switching the radios in or out of the plan at the same time. When an emergency occurs, the regroup can be submitted and evaluated. If the plan does not meet the current communications requirements, the plan may be altered without interfering with on-going communications. Once the configurations of radios is correct, the plan can be activated. Percent complete and critical unit identification support instant activation/deactivation of a plan. These features will be explained later.

Greater flexibility is provided by allowing the regroup process to take place at the plan or destination group level. This allows activation of an entire plan, and then as the emergency is brought under control, destination groups may be removed.

## DEVELOPING A REGROUP PLAN

Before a plan can be entered into the System Manager, you must decide which radio units are to be included in the plan. Ask yourself what is to be accomplished by the plan, what radio units should be included in the plan and what radio units must be present before the plan is activated. If several units are already in the same group(s), record the name of the group. These group names are source groups. When the dynamic regroup is developed on the system manager, the units in the source group will be displayed. The source group may then be edited, allowing you to add or delete units as necessary. Create a unique destination group name (up to eight characters) for each destination group.

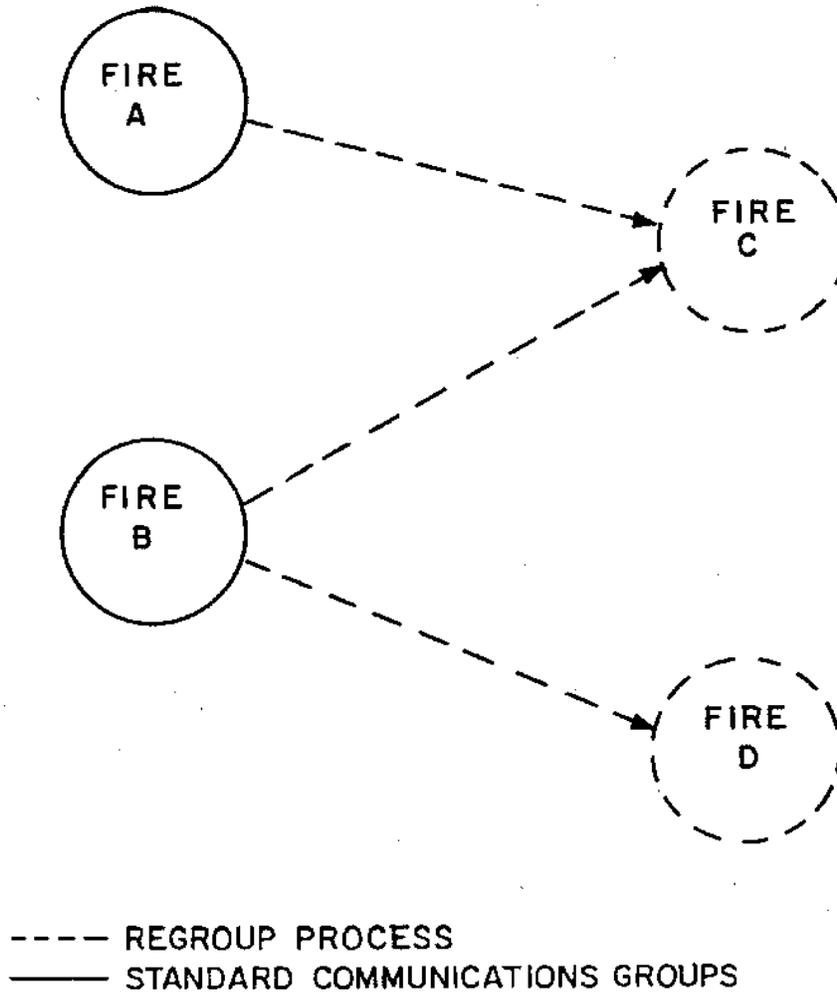


Figure 1-1 -- Dynamic Regroup Process

## SETTING UP A DYNAMIC REGROUP

A Dynamic Regroup Plan is created by entering information about the Plan on the three System Manager dynamic regroup screens (Directory, Define, and Units). Sample screens are provided with the following procedure. A simple example of a dynamic regroup plan will be used throughout this section. In the example, two destination groups (FIRE C and FIRE D) will be formed from the source groups FIRE A and FIRE B. Actual regroup plans will generally be more complex, but the method of creating the plan is the same.

### Creating A New Plan

When a regroup plan is created in the system manager, you will identify which source and destination groups will be associated with the plan. Information may also be recorded about the purpose of the plan. In the example shown on the following screens, a plan (FIRE) will be created that will take radio units from group FIRE A and form a destination group FIRE C.

### Creating A Plan

1. Select Dynamic Regroup from the Supervisor Menu, the Dynamic Regroup Plan Directory (Figure 1-2) will be displayed.

```

GE EDACS TRUNKING SYSTEM
Dynamic Regroup Plan
Directory

Plan :          Destination :          Source :

Description :

Plans          | Destination Groups | Source Groups
-----|-----|-----

If You Wish To Create Plan, Enter Description And Save
F6  F7  F8  F11  F12  F14  DO  F17  F18  F20
EXIT SAVE DELETE SUBMIT MODPCT GRPSCRN ACTIV DEACT REFRESH ABORT REMOVE

```

Figure 1-2 - Dynamic Regroup Plan Directory

GE EDACS TRUNKING SYSTEM  
Dynamic Regroup Plan  
Directory

Plan : FIRE            Destination :            Source :

Description :

Plans	Destination Groups	Source Groups

If You Wish To Create Plan, Enter Description And Save

F6   F7   F8   F11   F12   F14   DO   F17   F18   F20  
EXIT   SAVE   DELETE   SUBMIT   MODPCT   GRPSCRN   ACTIV   DEACT   REFRESH   ABORT   REMOVE

Figure 1-3 - Entering Plan Name

GE EDACS TRUNKING SYSTEM  
Dynamic Regroup Plan  
Directory

Plan : FIRE            Destination :            Source :

Description : FIRE EMERGENCY

Plans	Destination Groups	Source Groups
FIRE		

Command Successful

F6   F7   F8   F11   F12   F14   DO   F17   F18   F20  
EXIT   SAVE   DELETE   SUBMIT   MODPCT   GRPSCRN   ACTIV   DEACT   REFRESH   ABORT   REMOVE

Figure 1-4 - Saving Plan With Description Field







```

      GE EDACS TRUNKING SYSTEM
      Dynamic Regroup Define Screen                CREATE

Plan Name      : FIRE      Dest. Group: FIRE C   Percent Req. : 50
Description    : FIRE EMERGENCY GROUP C

Agency Number : 2         Fleet Number: 3     Subfleet Number: 1
Record Type   : SUBFLEET

Agency        : FIRE
Division      : DIVISION A
Address       : 1 DYNAMIC ROAD
              : REGROUP CITY
              :

ADDITIONAL PARAMETERS
                                11111111112222222222333
Forced Site    12345678901234567890123456789012
Participation (Y) : NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
    
```

F6    F7    F10  
 EXIT   SAVE   CLEAR

Figure 1-8 - Completed Dynamic Regroup Define Screen

```

      GE EDACS TRUNKING SYSTEM
      Dynamic Regroup Plan
      Directory

Plan : FIRE      Destination : FIRE C      Source :

Description :

      Plans      | Destination Groups | Source Groups
-----|-----|-----
      FIRE      | FIRE C             |
    
```

F6    F7    F8    F11    F12    F14    ,DO    F17    F18    F20  
 EXIT   SAVE   DELETE   SUBMIT   MODPCT   GRPSCRN   ACTIY   DEACT   REFRESH   ABORT   REMOVE

Figure 1-9 - Dynamic Regroup Plan Directory

## Identifying Destination Groups

Once the destination group(s) have been defined, the source groups for the plan must be identified. These are the radio units that will be moved into the destination group(s) once the regroup plan is activated.

1. Enter the source group name in the "Source :" field on the Directory screen and press Return. Use the name of a valid group that contains radio units you wish to be included in the destination group. The group name "INDIVIDL" may be used if you want to think in terms of individual units, rather than source groups. When a valid group name is entered, all radios associated with that group will be listed on the Dynamic Regroup Units screen.
2. Select the units from the Dynamic Regroup Units screen (or enter the Unit names if INDIVIDL was used). Select units by placing the cursor over the unit name and pressing the Select key. The screen attribute will change when the unit is selected. Repeat the process for all other units to be selected (see Figure 1-10).
3. If any units are to be identified as "critical," move the cursor over the unit name(s) and press F12. Critical units are required to be present before the destination group can be active.
4. Press F7 (SAVE) to save the selected units. You will see a system message telling you the regroup file is being updated.

```

Page 1 of 8                GE EDACS TRUNKING SYSTEM :
                          Dynamic Regroup Units          Current Mode : BUILD

Regroup Plan      : FIRE                Units from Source Group : FIRE A
Destination Group : FIRE C              Group Level : AGENCY

Description : FIRE EMERGENCY GROUP C

      Unit K   Unit K   Unit K   Unit K   Unit K   Unit K
16 PLUS -1  ABRAM P -1  ANDERS M-1  ANDERS P-1  B&I TST1-1  B&I TST2-1
B&I TST3-1  B&I TST4-1  B&I TST5-1  BERTI P -1  BOWLES P-1  C BUTLR -1
CDAVIS P-1  CHILDR M-1  CHILDR P-1  CHILDR1M-1  CHLDR HD-1  CHLDR OD-1
COOPER C-1  COOPER D-1  COOPER M-1  COWAN P -1  CRAIG M-1  CRAIG P-1

                          Percentage Required : 50 Complete : 0
                          Critical Unit Count : 0 Resolved : 0

      F6  F7  F9  F10  F11  F12  F14  F17  F18  F19  F20
EXIT SAVE NXTGRP NEWPG MODCRIT CRITICAL SELALL STATUS KNOB/SEL CLEAN MORE

```

Figure 1-10 - Dynamic Regroup Units Screen

**NOTE**

The Directory screen initially displays only the names of the Plans. Each Plan has a Destination Groups Directory and each Destination Group has a Source Groups Directory. The Plan (or Plan/Destination Group) must be selected before the associated directories appear.

A complete dynamic regroup plan has now been defined. The plan consists of source group FIRE A and destination group FIRE C. When the plan is activated, the identified units in FIRE A will become members of destination group FIRE C.

**Plans With Multiple Destination Groups**

Each dynamic regroup plan may have up to 14 Destination groups. Each Destination group within a plan must have a define record and a Unit record. Destination groups may be added to a plan as follows:

1. Type the Plan name in the "Plan :" field and press Return.
2. Enter the next Destination group name in the "Destination :" field and press Return.
3. Assign different Agency-Fleet-Subfleet numbers to each Destination group within a Plan. This will allow you to have the option of regrouping all Destination groups (activate the Plan) or regrouping the Destination groups separately. When completed, the Destination Group name will appear in the Destination Group Directory.

**Destination Groups With Multiple Source Groups**

Each Destination group can name up to 21 unique source groups. Only one of the 21 Source groups may be INDIVIDUAL. Add source groups to a plan as follows:

1. Type the Plan name in the "Plan :" field and press Return. The Destination Group directory will appear.
2. Type the desired Destination Group name in the "Destination :" field and press Return.
3. Enter the name of the next Source Group in the "Source :" field and press Return.
4. Select or add appropriate units to the specified source group.
5. Repeat for each Source Group.



**Directory Name Attributes**

<b>IF THE NAME APPEARS IN:</b>	<b>THE PLAN OR DESTINATION GROUP IS NOW IN, OR IS IN THE PROCESS OF GOING INTO:</b>
No Attributes	Build Mode (Inactive)
Highlighted, Underlined	Submit Mode
Highlighted, Underlined and Blinking	Active Mode
Low Intensity, Underlined	Remove Mode (in process of being cancelled)
Reverse video (in addition to any to any of the above)	Selected

**NOTE**

The directory name attributes reflect the requested state of the plans or destination groups. These attributes indicate the request has been initiated and is either completed or in process. Actual completion is indicated by the flashing message at the bottom of the screen.

**Fields**

- Plan* Name (up to 8 characters) of the selected Plan.
- Destination* Name (up to 8 characters) of the selected Destination group.
- Source* Name (up to 8 characters) of the selected Source group.
- Description* Description (up to 2 lines, 40 characters per line) of the selected Plan.

**Function Keys**

- F6 EXIT** Exits the Dynamic Regroup function and returns to the Supervisor's Menu.
- F7 SAVE** Saves all newly entered plan names and any plan description. Also, allows modification of the description of any selected plan.
- F8 DELETE** Deletes the selected Plan or Destination group and associated Define and Unit records.
- F11 SUBMIT** Submits the selected Plan (or selected Plan/Destination group) for future activation. When all critical units and the specified percent of non-critical units are submitted, the message PLAN XXX DESTINATION XXX SUBMITTED will flash across the bottom of the screen.

F12 MODPCT	Used only after a Plan has been activated and before it is declared active. Sends a Percent Required change to the regroup scheduler. Change and save the Percent Required on the Define screen first and then return to the Directory screen and press F12.
F14 GRPSCREEN	Displays the Define screen for the selected Plan and Destination group.
DO ACTIV	Activates the units for the selected Plan. Only destination groups that have been previously submitted and are not active will be activated. Otherwise, all units within the plan that have not been activated previously will be submitted and activated. When all critical units and the specified percent of non-critical units are activate, the message PLAN XXX DESTINATION XXX ACTIVE will flash across the bottom of the screen. This function is only active at the plan level.
F17 DEACT	Deactivates the selected plan. The plan remains submitted and may be activated later. This function can only be activated at the plan level.
F18 REFRESH	Refreshes the Directory screen and returns to the Plan level (deselects any Destination Groups).
F20 ABORT	Cancels plan activation and purges all units associated with the selected plan.
REMOVE	Deactivates and removes the selected plan or destination group.

## DEFINE SCREEN

There is a Define record (Figure 2-2) for every Plan\Destination group. The define record establishes the operating conditions of the Plan\Destination group. You can change any of the data on this screen by overwriting the field(s) you want to change. When all changes are completed, press F7 to update the record.

If the destination group is an existing group on the system, you may add radios to the group or change priorities (or other characteristics) of the group using the define record. These changes will be valid for the duration of the dynamic regroup event.

### Field Descriptions

#### Information Field

*Plan Name* Name of the Plan (as entered on the Directory screen) that contains the Destination group.

#### Required Fields

*Dest. Group* Destination Group. The name (up to eight alphanumeric characters) of the Destination group.

*Percent Req.* Percent required. The percent (1-100) of non-critical units that must respond before the Regroup can be considered active.

```

          GE EDACS TRUNKING SYSTEM
    Dynamic Regroup Define Screen

Plan Name      :          Dest. Group:      Percent Req. :
Description    :

Agency Number :          Fleet Number:      Subfleet Number:
Record Type   :

Agency        :
Division       :
Address        :
               :
               :

ADDITIONAL PARAMETERS
               11111111112222222222333
Forced Site    12345678901234567890123456789012
Participation (Y) : NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
    F6      F7      F10
  EXIT   SAVE   CLEAR
    
```

Figure 2-2 - Dynamic Regroup Define Screen

- Description*            Description (up to 2 lines, 40 characters per line) of the destination group.
- Agency Number*        Agency number assigned to the destination group.
- Fleet Number*            Fleet number assigned to the destination group.
- Subfleet Number*        Subfleet Number assigned to the destination group.
- Record Type*            Generated by the System Manager based on the entries in the A-F-S field. Press Return with cursor in Record Type field. Identifies the Destination group record as an Agency, Fleet, Subfleet or Dynamic record. To change the Record Type to Dynamic, overwrite the first position of the field with the letter D and press Return.
- Forced Site Participation (Y)*    A Y/N (YES/NO) 32-position field which specifies which of the 32 possible sites will be forced to participate in the Regroup of this Destination group. Those specified must be valid sites or they will return to N.

### Optional Fields

<i>Agency</i>	Name of the agency associated with the Destination Group.
<i>Division</i>	Name of the division associated with the Destination Group.
<i>Name</i>	Name of the person responsible for the Destination Group.
<i>Address</i>	Permanent mailing address of the person responsible for the Destination group.

### Additional Parameters

The additional parameters option on the Dynamic Regroup Define screen allows you to access a secondary screen for setting transmission priorities and hang time. These priority levels will be used by the system to determine the order calls will be placed if it is necessary to queue calls.

<i>Voice Priority</i>	A priority number from 0 to 7 (defaults to 0) assigned to normal voice calls. This priority is used by the system to determine the order calls from the group are placed during call queueing.
<i>Interconnect Priority</i>	A priority number from 0 to 7 (defaults to 0) assigned to telephone interconnect calls. This priority is used by the system to determine the order calls from the group are placed during call queueing.
<i>Data Priority</i>	A priority number from 0 to 7 (defaults to 0) assigned to calls placed from mobile data terminals. This priority is used by the system to determine the order calls from the group are placed during call queueing.
<i>Voice Guard Priority</i>	A number from 0 to 7 (defaults to 0) assigned to Voice Guard calls. This priority is used by the system to determine the order calls from the group are placed during call queueing.
<i>Hang Time</i>	The group hang time between an unkey command and channel drop. Hang time may be set from 0-255 seconds.
<i>Inbound Interconnect Enable</i>	Enter a Y in this field to allow the Group to accept inbound telephone calls. Enter an N in this field if the Group is not allowed to accept inbound telephone calls.
<i>Secondary Partition Enable</i>	Partitions the channels into two segments for testing purposes.
<i>Automatic Tracking Enable</i>	Used in Multisite to enable tracking of a group. The Multisite Coordinator will only bring up channels on sites that have members of the group.
<i>Wide Area Enable</i>	Used in multisite to designate a group or unit as multisite. If a unit/group is not designated multisite, no other sites (besides the caller's site) will be brought into the call. Also, a group/unit must be enabled for wide area to be tracked.



```

Page 1 of 1                GE EDACS TRUNKING SYSTEM
                          Dynamic Regroup Units          Current Mode :

Regroup Plan      :                Units from Source Group :
Destination Group :                Group Level :

Description :

      Unit  T   Unit  T   Unit  T   Unit  T   Unit  T   Unit  T
      -1    -1   -1    -1   -1    -1   -1    -1   -1    -1
      -1    -1   -1    -1   -1    -1   -1    -1   -1    -1
      -1    -1   -1    -1   -1    -1   -1    -1   -1    -1
      -1    -1   -1    -1   -1    -1   -1    -1   -1    -1

                          Percentage Required :   Complete : 0
                          Critical Unit Count : 0   Resolved : 0

      F6  F7  F9  F10  F11  F12  F14  F17  F18  F19  F20
      EXIT SAVE NXTGRP NEWPG MODCRIT CRITICAL SELALL STATUS KNOB/SEL CLEAN MORE
  
```

Figure 2-4 - Dynamic Regroup Units Screen (Select Type)

**Field Descriptions**

**Required Fields**

Required fields are information fields that must be completed (contain valid data) before the Dynamic Regroup Units file may be saved. If the information is not complete or is invalid, the System Manager will issue a screen message and the file will not be saved.

*Unit* Column heading for the unit fields. The unit fields (eight character, alphanumeric) displays valid Unit names that have been entered on the screen.

*T* Column heading for the Select Type field. Select Type is a code (0-2) that specifies how the radio unit will respond to the dynamic regroup.

0 = The radio unit is forced to regroup. A new group cannot be selected after regroup.

1 = The radio unit is forced to regroup, but a new group may be selected. This is the default setting.

2 = The radio unit is not forced to regroup. Groups may be changed at will.

*K* Column heading for the Knob Setting field. Specifies the dynamic regroup number (1-8). It is roughly equated with a position on a channel selection switch (although such a switch may not exist on the actual radio unit). Radio units in more than one regroup must have a different Knob Setting for each Destination group. This field defaults to one.

**Information Fields**

Information fields tell you about the data displayed on the Dynamic Regroup Units screen. These fields will not accept entries from the keyboard.

<i>Page XX of XX</i>	Shows the screen page number and total number of screen pages.
<i>Current Mode</i>	Shows the current mode of the Destination group: BUILD (INACTIVE), ACTIVE, SUBMIT, or REMOVE (CANCEL).
<i>Regroup Plan</i>	Name of the Regroup Plan (from the Dynamic Regroup Directory screen).
<i>Units from Source Group</i>	Name of the group which contains the displayed radio units.
<i>Destination Group</i>	Destination group name from the Dynamic Regroup Define Screen.
<i>Group Level</i>	Displays the group level (Agency, Fleet, or Subfleet) of the Source group.
<i>Description</i>	Description of the destination group from the Dynamic Regroup Define Screen.
<i>Percentage Required</i>	Percent of non-critical units that must respond before the regroup can be considered ACTIVE (from the Dynamic Regroup Define Screen).
<i>Complete</i>	Percent of non-critical units submitted for regroup that are active (have received regroup information).
<i>Critical Unit Count</i>	Number of critical units submitted for regroup.
<i>Resolved</i>	Number of critical units submitted that have been activated. Must equal the Critical Unit Count for regroup to be considered active.

**Function Keys**

The bottom two lines of the Dynamic Regroup Units screen lists the available special function keys and editing keys. The screen initially displays 11 keys. The F20 key must be pressed to display the additional keys. F20 alternates between the two key displays. The following keys are all active when the Dynamic Regroup Units screen is display, even when the key is not listed at the bottom of the screen.

F6	F7	F9	F10	F11	F12	F14	F17	F18	F19	F20
EXIT	SAVE	NXTGRP	NEWPG	MODCRIT	CRITICAL	SELALL	STATUS	KNOB/SEL	CLEAN	MORE
				NEXT	PREV	F20				
FIND	SELECT	INSERT	REMOVE	SCREEN	SCREEN	MORE				
F6 EXIT	Exits to the Dynamic Regroup Directory Screen.									
F7 SAVE	Saves the displayed screen.									
F9 NXTGRP	Displays the first page of units in the next Source group defined for the Destination group.									
F10 NEWPG	Creates and displays a blank unit page which may be used to enter additional units.									
F11 MODCRIT	Sends changed critical/non-critical state of a unit to the scheduler. This function operates in the active mode only.									
F12 CRITICAL	Marks a unit as Critical or Non-critical.									
F14 SELALL	SELECT ALL. Selects/deselects all units on the displayed page.									
F17 STATUS	Displays the status of each unit (does not operate in BUILD mode). Status displays are:									
	r = Removal Pending (or Cancel Pending) R = Removed (Or Cancelled) A = Active s = Submit Pending S = Submitted Does not operate in BUILD Mode.									
F18 KNOB/SEL	KNOB/SELECT. Alternates between the Unit K (knob) field and the Unit T (select type) field.									
F19 CLEAN	Removes all the units not selected in the Source group. Displays selected units alphabetically in the Destination group.									
F20 MORE	Displays additional special function and edit keys on the bottom two lines of the screen.									
FIND	The FIND key allows searching to a unit name. After pressing the FIND key, a message will appear at the bottom of the screen requesting a unit name. The search is based on the characters entered. For example, if "sm" is entered, the first unit name starting with sm will be found. If "smith" is entered, the first smith will be found. If a name containing the search string is found, the entire screen page is displayed and the cursor will be placed on the matching unit name.									

- SELECT           Selects or deselects a radio unit. The cursor must be over the desired unit field. This function does not operate in the REMOVE Mode.
- INSERT           Allows units to be added during ACTIVE Mode. Does not operate in BUILD or REMOVE Modes.
- REMOVE          Allows units to be removed during ACTIVE Mode. Does not operate in BUILD or REMOVE Modes.
- NEXT SCREEN     Advances to the next screen page.
- PREV SCREEN     Displays the previous screen page.

**NOTE**

Pressing NEXT SCREEN, PREV SCREEN, or FIND will automatically save the current page if the SAVE function has not already been used.

**Dynamic Regroup Units Screen Attributes**

Several screen attributes are used on the Dynamic Regroup Units screen. A screen attribute is a property or characteristic of something that is displayed on the screen. Common attributes are color, shape, intensity, and size. The attributes used on the Dynamic Regroup Units screen show you the state of the radio units listed under the Unit column. The attributes and their meanings are listed in Table 2-1.

Table 2-1 - Screen Attributes (Build Mode)

<b>THE UNIT NAME WILL APPEAR IN</b>	<b>IF THE UNIT IS:</b>
Reverse video	Selected for the Destination Group
Reverse Video/Bold	Selected for and critical to the Destination group
No Attributes (normal display)	Not selected for the Destination Group

**Making Entries On The Dynamic Regroup Units Screen**

**Creating A New Dynamic Regroup Units List (Build Mode)**

Before entries can be made on the Dynamic Regroup Units screen, a list of valid unit names must be available. This list should be available from previous planning, but a new list may be developed using the System Manager report functions.

The number of screen pages is indicated in the "Page X of X " field in the upper left corner of the screen. Use the Next Screen and Prev Screen keys to move from page to page. Use the function keys to select units for the Destination group and to identify which units are critical to the Destination group. A "critical" unit must be available before the re-group activation is complete.

If units have previously been selected and saved under the destination group, they will be read into the screen pages, and the first page displayed. All units will display in reverse video as selected. Units may be deselected by placing the cursor over the unit name and pressing the Select key, causing them to be removed from the destination group when a SAVE function is performed. Also, the cursor can be moved to a blank area of the screen and additional unit names can be entered. The NEWPG (F10) function can be used to create a new blank page in case the last page is completely full. Units can be entered on the screen in any order and will be properly ordered on the file when saved.

If no units have previously been saved, all units in the source group of the Units Identification file will be read into the screen pages, and the first page displayed. All units will display in normal video as unselected. Individual units may be selected by placing the cursor over the unit name and pressing the Select key. If all or most of the units on the page are to be selected, the F14 (SELALL) key can be used, followed by the use of the Select key to deselect any units to be excluded.

After changes to a page are complete, press F7 (SAVE). After reviewing and making desired changes to all pages, the F19 (CLEAN) function can optionally be used to clear all unselected units and re-order the screens to reflect the units that have been included in the Destination group.

**NOTE**

To start over, deselect all units on all pages and then press F19 (CLEAN). All units in the source group of the Unit Identification file will be brought back into the screen pages.

### **Units From Source Group INDIVIDL**

The Dynamic Regroup Units screen will initially display only blank Unit fields. Enter the valid unit name (from the Unit Identification File) of each radio unit you want included in the Destination group. Make your entries in the fields under the "Unit" heading(s).

Each valid Unit entered is automatically "selected" for the Destination group and the Unit name will appear in reverse video. Use the function keys to identify which units are critical to the Destination group.

When all changes to a screen are completed, press F7 (SAVE). Before exiting, this screen should display only the Unit names you want included in the Destination group.

**Unit Screen Options**

<b>IF YOU WANT TO:</b>	<b>THEN:</b>
Select/Deselect All Units on the Page	Press F14 (SELALL).
Select a Unit	Place the cursor on the Unit name and press Select.
Deselect a Unit	Place the cursor on the selected unit name and press Select.
Identify a Unit as Critical	Locate the cursor on the Unit name and press F12 (CRITICAL). If the unit is deselected, F12 will select the unit.
Change a Unit to Non-Critical	Place the cursor on the Unit name and press F12 (CRITICAL). The unit will remain selected and change to non-critical.
Change the Select Type of a Unit	Display unit T field headings (press F18 (KNOB/SEL) if necessary). Locate the cursor on the T field of the desired unit and overwrite the T field with a digit from 0 to 2.
Change the Knob Setting of a Unit	Display unit K field headings (press F18 (KNOB/SEL) if necessary). Locate the cursor on K field of the desired unit and overwrite the K field with a digit from 1 to 8.
Add a Unit	Locate the cursor on the first position of an empty Unit field. Enter the name of the unit. Change the Select Type and Knob Setting if necessary.
Clear All Deselected Units	Press F19 (CLEAN). Clears all deselected units from the screen and arranges the selected units in alphabetical order.

**NOTE**

Press F7 (SAVE) after completing all selections and changes to a page. After all pages are completed, press F6 (EXIT).

The Units screen displays all units (by Unit name) currently in the Destination Group along with their Knob Settings (Figure 2-5) and Select Types (Figure 2-6). Use the Next Screen and Prev Screen keys to move from page to page.

To modify this screen, first check the Current Mode and screen attributes, then refer to the Unit Screen Options.



**Unit Name Attributes For Build Mode**

<b>IF THE UNIT NAME APPEARS IN:</b>	<b>THEN THE UNIT IS:</b>
No Attributes	Not Selected for the Destination Group
Reverse Video	Selected for the Destination Group
Reverse video and Bold	Critical Unit

**Unit Name Attributes For Active, Submit And Remove Modes**

<b>IF THE UNIT NAME APPEARS IN:</b>	<b>THEN THE UNIT IS:</b>
Reverse Video & Underlined	Selected for an operation (e.g., REMOVE)
Bold & Underlined	Critical Unit in an Active state
Underlined	In an Active state

**NOTE**

Unit active states are: Active, Submit, Pending, Removal (or cancel) pending, and Removed (or cancelled).

**OPTIONS FOR SELECTED SOURCE GROUP IN ACTIVE STATE**

- Add a Unit*                      Locate the cursor on the first position of an empty Unit field. Enter the name of the unit. Change the Select Type and Knob Setting, if desired and press INSERT.
- Remove a Unit*                      Locate the cursor on the name of the unit you want to remove. Press Select and then press REMOVE.
- Identify a Unit as Critical*                      Locate the cursor on the non-critical Unit name, press F12 (CRITICAL) and then press F11 (MODCRIT). Unit remains selected and changes to non-critical. Unit must be in P (Pending) status.
- Change a Critical Unit to Non-Critical*                      Locate the cursor on the selected critical Unit name and press F12 (CRITICAL). Unit must be in P (Pending) status.

*Monitor the Units*

Press F17 (STATUS). Displays the status of each unit (does not operate in BUILD mode). Status displays are:

r = Removal Pending (or Cancel Pending)  
 R = Removed (Or Cancelled)  
 A = Active  
 s = Submit Pending  
 S = Submitted

**OPTIONS FOR SELECTED SOURCE GROUP IN BUILD MODE**

<b>IF YOU WANT TO:</b>	<b>THEN:</b>
<i>Select/Deselect all units on the page</i>	Press the F14 (SELALL) key.
<i>Select a Unit</i>	Place the cursor on the Unit name to be selected and press Select.
<i>Deselect a Unit</i>	Place the cursor on the Unit name to be deselected and press Select.
<i>Identify a Unit as Critical</i>	Place the cursor on the Unit name and press F12 (CRITICAL). If unit is deselected, F12 will also select the unit.
<i>Change a Critical Unit to Non-Critical</i>	Locate the cursor on the Unit name and press F12 (CRITICAL). The unit remains selected and changes to non-critical.
<i>Change the Select Type of a Unit</i>	Press F18 (KNOB/SEL) to display the Unit-T headings (if not already displayed). Locate the cursor on the T field of the desired unit enter the new select type (0-2).
<i>Change the Knob Setting of a Unit</i>	Press F18 (KNOB/SEL) to display the Unit-K headings (if not already displayed). Locate the cursor on K field of the desired unit and enter the new knob setting (1-8).
<i>Add a Unit</i>	Locate the cursor on the first position of an empty Unit field. Enter the name of the unit and make any changes to the Select Type and Knob Setting.
<i>Clear All Deselected Units</i>	Press F19 (CLEAN). Clears all deselected units from the screen and arranges the selected units in alphabetical order.

**NOTE**

Press F7 (SAVE) after completing all selections and changes to a page. After all pages are completed, press F6 (EXIT).

## REQUIRED FIELDS

*Unit*                    Heading for the unit fields directly below. The unit fields will either display valid Unit names, blank unit fields or a combination of both. Blank unit fields provide space to add Unit names.

*T*                        Select Type of the Unit (0-2).

                            0 = Forced Select, No Deselect  
                            1 = Default. Forced Select, Optional Deselect  
                            2 = No Select, Optional Select

*K*                        Group Knob Setting on the unit (1-8).

### **Information Fields**

*Page XX of XX*                    Current page number and the total number of pages in the unit file.

*Current Mode*                    Current mode of the Destination group: B: ILD (not ACTIVE), ACTIVE, ACT STP (ACTIVE STOPPED), or REMOVE (CANCEL).

*Regroup Plan*                    Name of the Regroup Plan (from the Directory file) the Unit record belongs to.

*Units from Source Group*                    Name of the group in the System Manager database that the units are displayed from.

*Destination Group*                    Name selected for the Destination group (from the Define record).

*Group Level*                        Displays the Group Level (Agency, Fleet or Subfleet) of the Source group.

*Description*                        Destination group description from the Define record.

*S (Unit-S)*                        Status of the unit. Functions only in the Active and Remove Modes. Status displays are:

                            r = Removal Pending (or Cancel Pending)  
                            R = Removed (Or Cancelled)  
                            A = Active  
                            s = Submit Pending  
                            S = Submitted

---

<i>Percentage Required</i>	Percent of non-critical units necessary for the regroup (from the Define record).
<i>Complete</i>	Percent of non-critical units submitted that have been activated.
<i>Critical Unit Count</i>	Number of critical units submitted.
<i>Resolved</i>	Number of critical units submitted that have been activated.

## FUNCTION KEYS

F6 EXIT	Returns to the Directory screen.
F7 SAVE	Saves the displayed screen.
F9 NXTGRP	Displays the first page of units in the next source group.
F10 NEWPG	Displays a blank unit page for adding units.
F11 MODCRIT	Sends changed Critical/Non-critical state of a unit to the scheduler. This function is available only in ACTIVE mode.
F12 CRITICAL	Alternate action key. Designates a unit as Critical/Non-critical.
F14 SELALL	Selects/Deselects all units on the displayed page.
F17 STATUS	Displays the status of each unit (does not operate in BUILD mode). Status displays are:  r = Removal Pending (or Cancel Pending) R = Removed (Or Cancelled) A = Active s = SubmitPending S = Submitted Does not operate in BUILD Mode.
F18 KNOB/SEL	KNOB/SELECT. Alternates between Unit K, Group Knob Setting (1-8) and Unit T, Select Type (0-2).
F19 CLEAN	Removes all the units not selected in the Source group. Lists selected units alphabetically in the Destination group.
F20 MORE	Displays additional function keys.

- SELECT           Selects/Deselects a unit. Cursor must be within the desired unit field. Does not operate in REMOVE Mode.
- INSERT           Allows additional units to be added during ACTIVE Mode. Does not operate in BUILD or REMOVE Mode.
- REMOVE          Allows units to be removed during ACTIVE Mode. Does not operate in BUILD or REMOVE Modes.
- NEXT SCREEN     Displays the next page in the unit file.
- PREV SCREEN     PREVIOUS SCREEN. Displays the previous page in the unit file.

### OPERATIONS

The Dynamic Regroup Directory screen (Figure 2-7) is divided into two sections. The upper half of the screen contains four entry fields and the bottom half of the screen contains tabular data. Entry fields select a Plan, Destination Group, and Source Group for an operation.

```
GE EDACS TRUNKING SYSTEM
Dynamic Regroup Plan
Directory

Plan :           Destination :           Source :

Description :

Plans           | Destination Groups | Source Groups
-----|-----|-----

F6  F7  F8  F11  F12  F14  DO  F17  F18  F20
EXIT SAVE DELETE SUBMIT MODPCT GRPSCRN ACTIV DEACT REFRESH ABORT REMOVE
```

Figure 2-7 - Directory Screen

Each Dynamic Regroup Plan has two associated screens: a unit screen (Figure 2-8) and a define screen (Figure 2-9). The Define screen establishes operating conditions for the dynamic regroup.

Plans or destination groups can be set up (made resident) in the radios by using the F11 (SUBMIT) function. No actual regrouping or operational change occurs until the Do (ACTIV) function is used to start the regroup action. The plan can then be activated and deactivated as needed. The plans or destination groups will remain resident until removed with the REMOVE key, thus allowing frequently activated plans to be activated/deactivated with a minimum of system overhead.

If the activate function Do (ACTIV) is requested for a plan, only destination groups for the plan that have been previously submitted but not activated will be activated. Otherwise, all that have not been activated previously will be both submitted and activated. This action makes it possible to activate selected destination groups in a plan, with later activation of additional destination groups or the rest of the plan. It also makes it possible to skip the separate submit step and both submit and activate a plan in one action, with the activate key.

When a Dynamic Regroup Plan (or a Destination Group within a Plan) is activated, the units selected on the Plan's Unit screen are reassigned one-by-one from their original source group to the regroup. When all critical radio units and the required percent of non-critical units are regrouped, a message will appear on the screen declaring the Plan active. More than one plan may be active at a time, however, a given radio unit can participate in only one plan at a time.

After a Plan is submitted or activation is requested, and prior to the Plan being declared active, you can:

- Modify the percent of non-critical units required for regroup to allow the plan to regroup sooner.
- Monitor the regroup status of the radio units.

Once a Plan is declared "ACTIVE", you can:

- Add or remove selected units by accessing the Dynamic Regroup Units screen.

The Plan can be deactivated by selecting the Plan on the Dynamic Regroup Directory screen and using the F17 (DE-ACTIVATE) key. This causes the radios to go back to normal grouping and operations, but leaves the regroup codes resident in the radio. The REMOVE key both deactivates the regroup and removes it from the radios.

```

Page 1 of 1                GE EDACS TRUNKING SYSTEM
                          Dynamic Regroup Units          Current Mode : BUILD

Regroup Plan      : TEST                Units from Source Group : INDIVIDL
Destination Group : KNOB01              Group Level : SUBFLEET

Description :

      Unit  K   Unit  K   Unit  K   Unit  K   Unit  K   Unit  K
FNT MOB1-1      -1    -1    -1    -1    -1    -1
      -1      -1    -1    -1    -1    -1
      -1      -1    -1    -1    -1    -1
      -1      -1    -1    -1    -1    -1

Percentage Required : 50 Complete : 0
Critical Unit Count : 0 Resolved : 0
    
```

```

F6  F7  F9  F10  F11  F12  F14  F17  F18  F19  F20
EXIT SAVE NXTGRP NEWPG MODCRIT CRITICAL SELALL STATUS KNOB/SEL CLEAN MORE
    
```

Figure 2-8 - Unit Screen

```

      GE EDACS TRUNKING SYSTEM
      Dynamic Regroup Define Screen          CREATE

Plan Name      : TECHPUB   Dest. Group: DESTN_01   Percent Req. : 0
Description    :

Agency Number : 0         Fleet Number: 0       Subfleet Number: 0
Record Type   :
Console Name  :           Console Bay Number: 0   Console Module: 0

(Division)    :
(Name)        :
(Street)      :
(City)        :           (State) :           (ZIP) :
(Phone Number):
Priority      : 0         (Hang Time) : 0

                        11111111112222222222333
Site Number   : 12345678901234567890123456789012
Active (Y)   : NNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN
    
```

F6    F7    F10  
EXIT    SAVE    CLEAR

Figure 2-9 - Define Screen

## SELECTING A PLAN

Enter the name of the Plan you want to select (from the Plan directory) in the "Plan :" field and press Return. Choose an option and continue.

### **Options For Plan In Declared Active State**

*Deactivate Plan* Press the F17 (DEACTIVATE) key to cancel the activated Regroup Plan and reassign all units in the regroup back to their original group. (You will be asked to confirm your selection.) When completed, the message PLAN XXXXXXXXX CANCELLED will flash across the bottom of the screen and the Plan will return to Build Mode.

### **Options For Plan Submitted Or Requested For Activation**

*Remove Plan* Press the REMOVE key to deactivate the plan and remove it from the radios (make it non-resident). If the plan was previously deactivated, the plan will be removed.

*Select a Destination Group* Enter the name of the active Destination group and press Return.

*Monitor Units* Enter the name of the active Destination group you want to monitor and press Return. Enter the desired Source group name and press Return. The Units screen will appear.

*Modify the Percent* Enter the name of the active Destination group you want and press F14 (GRPScreen). Overwrite the "Percent Req.:" field. Press F7 (SAVE) then F6 (EXIT). Press F12 (MODPCT) to send the change to the regroup scheduler. The modify percent request may be sent only after the plan has been submitted or activation is requested, but before it has been declared active.

*Abort Plan* Press F20 (ABORT) to cancel plan activation and purge all units associated with the selected plan.

#### NOTE

The ABORT function should ONLY be used when the plan cannot be activated, submitted, deactivated, or removed using the other functions. This could possibly happen under unusual circumstances, such as temporary loss of communications between the System Manager and the sites.

**Options For Plan In Build Mode**

- Submit the plan* Press F11 (SUBMIT). Submits the selected plan for future activation. When all critical units and the specified percent of non-critical units are submitted, the message PLAN XXX DESTINATION XXX SUBMITTED will flash across the bottom of the screen.
- Activate the Plan* Press Do. Activates the units for the selected plan. Only destination groups that have been previously submitted and are not active will be activated. Otherwise, all units within the plan that have not been activated previously will be submitted and activated. When all critical units and the specified percent of non-critical units are active, the message PLAN XXX DESTINATION XXX ACTIVE will flash across the bottom of the screen. This function is only active at the plan level.
- Delete the Plan* Press F8 (DELETE) to delete the plan. (You will be asked to confirm your entry.) The delete function also deletes all Destination and Source groups (Define and Unit records) associated with the Plan. USE THIS FUNCTION WITH CAUTION.
- Change the Description* Overwrite the "Description :" field and press F7 (SAVE).
- Select a Destination Group* Enter the name of the Destination group you want and press Return.
- Add Destination Group(s)* Enter the name of the Destination group to be added and press Return.
- Display Units* Enter the name of the Destination group you want and press Return. Enter the name of the Source group you want and press Return. The Units screen will appear.

**Selecting A Destination Group**

After a Plan is selected, enter the name of the Destination Group you want (from the Destination Group directory) in the "Destination :" field and press Return. Select an option and continue.

**Options for Destination Group in Active Mode**

- Remove Destination Group* Press the Remove key to deactivate the destination group and remove it from the radios (made it non-resident). If the group has been previously deactivated, the group is removed. When completed, the message PLAN XXXXXXXX DESTINATION XXXXXXXX REMOVED will flash across the bottom of the screen.

---

**Options for Destination Group Submitted for Activation**

- Modify the Percent* Press F14 (GRPSCREEN). Overwrite the "Percent Req.:" field. Press F7 (SAVE) then F6 (EXIT). Press F12 (MODPCT) to send the change to the regroup scheduler.
- Monitor Units* Enter the name of the Source group you want and press Return. The Units screen will appear. Press F17 to display the status of each unit.

**Options for Destination Group in Build Mode**

- Submit the Destination Group* Press F11 (SUBMIT). Submits the selected Plan/Destination group for future activation. When all critical units and the specified percent of non-critical units are submitted, the message PLAN XXX DESTINATION XXX SUBMITTED will flash across the bottom of the screen.

**Options for Destination Group in Build Mode Continues**

- Delete the Destination Group* Press F8 (DELETE). Also deletes all Source group names (and Define and Unit records) associated with the Destination group. You will be asked to confirm this key selection. USE THIS FUNCTION WITH CAUTION.
- Change Data in Define Record* Press F14 (GRPSCREEN). Overwrite the data in desired fields. Press F7 (SAVE). Press F6 (EXIT).
- Display Units* Enter the name of the Source group you want and press Return. The Units screen will appear.
- Add Source Group(s)* See Setting Up a Dynamic Regroup.
- Return to plan level* Press F18 (REFRESH). Refreshes the Directory screen and returns to the plan level (deselects any Destination Groups).

**Selecting A Source Group**

After the Plan and Destination Group are selected, enter the name of the Source Group you want (from the Source Group directory) in the "Source : " field and press Return. The Units screen will appear.

## MESSAGES

**Critical Unit Collision Encountered; Regroup Not Submitted** -- Regroup has designated two or more units as critical under the same unit group knob setting. Regroup Activation request aborted.

**One or More Non-Critical Units Not Submitted** -- Not submitted due to non-critical unit collision or insufficient regroup buffer space at the site.

**No Units were found for regroup** -- Regroup Activation request submitted with no units supplied.

**Regroup Active** -- Regroup Activation request submitted on ACTIVE regroup.

**Regroup Inactive** -- Request submitted requires regroup to be ACTIVE, regroup found to be INACTIVE.

**Regroup Inconsistent With Request; Request Denied** -- Current state of regroup will not allow request.

**Regroup Record Not Found** -- Regroup request submitted for undefined regroup.

**Unable To Allocate Group Record; Regroup Not Submitted** -- Cannot find Group ID record available for dynamic regroup within designed Group ID pool of the specified regroup.

**Unable To Insert All Units; Regroup Not Submitted** -- Insufficient regroup buffer space at site for total number of critical units submitted or no regroup buffer space at all.

**Maximum Number of Plans have been submitted; Plan not submitted** -- The system-defined number of active submitted plans has been reached. You must remove a plan before you can submit/activate another plan.



Ericsson GE Mobile Communications Inc.  
Mountain View Road • Lynchburg, Virginia 24502