# **SEE/Change**

# **Change Management for the AS/400**

Version 4.2

3

Problem Manager

**User and Reference Manual** 

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# What is SEE/Change Problem Manager ?

The Problem Manager handles the recording and tracking of user requests and problems. Using the Problem Manager, users of applications whose change and development processes are being managed under SEE/Change can communicate their change requests to the Information Systems department, and monitor their progression through the change management cycle.

Planned changes or emergency changes to software are handled using the SEE/Change Change Manager.

# For whom is SEE/Change Problem Manager intended ?

The Problem Manager is intended to be used primarily by:

- users of applications, to communicate their problems and requests
- operators and change control coordinators, to respond to user requirements

# What this manual assumes you already know

It is assumed you have a working knowledge of the AS/400 and are familiar with its operating system OS/400, in particular the following features:

- message handling
- jobs and job logs

Please refer to the appropriate OS/400 manuals for further information about the above topics.

It is also assumed you have a general working knowledge of SEE/Change. A separate manual entitled *SEE/Change General Introduction* contains information common to all SEE/Change modules, including the following items you should be familiar with:

- common command keys
- using list panels and pull down menus
- using entry panels, prompting and pop up windows
- using online help
- handling messages
- submitting batch jobs

# **Problem Manager functions**

The primary Problem Manager functions are:

- Function WRKINVRQS (Work with Investigation Requests) enables you to raise new IRs, maintain existing IR details and track their progress at the development centre. Typically, the Problem Manager is not available at production systems.
- Function LSTINVRQS (List Investigation Requests) enables you to list IRs, using various report formats and selection criteria.

# **Problem Manager Menus**

SEEPRB	SEE/Change Problem Manager	G	
Select one of the follow	ing:	System.	THNDEV
1. Work with Invest 2. List Investigati	igation Requests on Requests		
55. Work with Tasks			
60. More Problem Man 61. User Defined Opt	ager Options ions		
Selection or command ===>			
F3=Exit F4=Prompt F9 F13=User support F1	=Retrieve F12=Cancel 6=System main menu		

Option 60. More Problem Manager Options will take you to secondary menu SEEPRB2.

SEEPRB2	SEE/Change Problem Manager	G. anterna	
Select one of the follow	ing:	System:	THNDEV
50. Change Batch Sub	mit Defaults		
Selection or command ===>			
F3=Exit F4=Prompt F9	=Retrieve F12=Cancel		
F13=User support F1	6=System main menu		

Option **50. Change Batch Submit Defaults**. Refer to *SEE/Change General Introduction* for further information about submitting jobs to batch.

# **Investigation Requests (IRs)**

An Investigation Request (IR) contains details about a problem or request raised with the Information Systems (IS) department.

You raise an IR at the development centre that is responsible for the application area relating to your request. After the IR is raised, the development centre is referred to as the *IR originating development centre*.

IRs are uniquely identified by an IR number. This consists of the system code of the originating development centre where you lodge the request, followed by a sequentially allocated six-digit number that is unique within the originating development centre.

After you have created an IR, and following the investigation process, IS personnel can progress the IR using the *Change Manager*:

- If the reported problem or request does not require any software changes, the IR can be closed with reference to a different IR, or it can be closed with a text document clarifying the problem.
- If software changes are required, one or more Change Requests (CRs) can be opened under the IR. The CR is used by SEE/Change to track and control the solution of problems through the change management cycle. A single IR can give rise to more than one CR (up to 99); that is, it may generate the requirement to change more than one application.
- SEE/Change also works with non-software IRs that do not relate to any specific application development activities.

### **Transferred IRs**

Any system in the network can be designated as a development centre for a specific application. Therefore, you can have a configuration that designates, for example, system A as the development centre for application X, and system B as the development centre for application Y, assuming that both systems A and B use applications X and Y. In this setup, system A is treated as a production system for application Y, and system B as a production system for application X.

When CRs are sent to and installed at the production systems, the related IRs are also sent, and they become part of the SEE/Change database at those systems.

You cannot change or in any way manipulate IRs that were transferred from the development centre. You can, however, display their details and list them using the *Release Manager*.

#### **IR status codes**

SEE/Change maintains a status code for each IR. When you create an IR, its status code is set to \*ENT. This status code changes as IS personnel progress the IR. The following table lists the possible status codes:

IR Status Code	Description
*ENT - Entered	IR entered, no action yet
*VST - Investigat	IR under investigation
*CRS - Opened Crs	One or more CRs have been created under the IR, and one or more of these are currently under development.
*REF - Closed/Ref	IR is closed with reference to another IR (no CRs created)
*TXT - Closed/Txt	IR is closed with textual response only (no CRs created)
*CMP - Completed	IR is closed. All CRs created under the IR have been promoted to Live/Production

#### Text documents

For each IR, you supply various details (see page 3-17). In addition to the IR details, there are two text documents that can be attached to each IR.

User text	User text is for use by end users and/or personnel responsible for user liaison to supply information to IS describing end user's requests or problems. It typically describes in detail the problem and/or request for the IS department. One user text document can be maintained for each IR. User text is always included in the release packet and is distributed to remote systems. User text can be entered via function WRKINVRQS, using the <i>Request Detailed Text</i> field on the <i>Work with Investigation Request Details</i> panel.
IS text	IS text is for use by information systems (IS) personnel responsible for user liaison to supply information in response to users' requests or problems. It can be used to clarify a problem that does not require any software changes, or to provide instructions and guidelines to complement the software changes that were made against the IR. One IS text document can be maintained for each IR. IS text is always included in the release packet and is distributed to remote systems. You can edit IS text using action option <b>29=IS text</b> on the <i>Work with Investigation Request Details</i> panel.

The word processing facility used to enter text is either Office/400 or SEU (the AS/400 Source Entry Utility). You specify which program is used in general parameter @WRD. Refer to *Maintaining general parameters* in *Configuration Manager User and Reference Manual*.

You can also set up the system so that a document template is automatically created when you create a new text document. Refer to *Document types and templates* in *Configuration Manager User and Reference Manual*.

#### **Data filtering**

Access to the SEE/Change IR database can be restricted through the use of data filters. When you are enrolled in SEE/Change, the administrator can associate a data filter with your enrolment record; in that case, your access to information is restricted to the specifications contained in that data filter.

The administrator may allow you to change to a filter other than the one assigned to you via your enrolment record.

The filter that is in force at any one time is the *current filter*.

Apart from controlling access to information, the current filter can contain default values for fields on some Problem Manager panels, and can also contain specifications for what should happen when you press Enter on some panels. For more information about filtering, see page3-15.

#### **Assigned filter**

When a filter is assigned to your enrolment record, the administrator also specifies whether you are allowed to override the assigned filter:

- If you are not allowed to override the assigned filter, you cannot switch to any other filter, but you can change your assigned filter to be more restrictive.
- If you are allowed to override the assigned filter, you can switch to any other filter, or change your assigned filter without any restrictions.

#### **Filter specifications**

While working with IRs, the current data filter specifications can restrict you to:

- a list of applications or application areas
- a list of sites or locations
- a list of IR categories
- a list of IR status codes

The current data filter specifications also apply when you create a new IR. If a filter is assigned to your enrolment record, and if you are not allowed to override that filter, then the values you specify for application, site and category must be included in the filter specifications. If one or more of these are not included in the filter, you see an error message, and the IR is not created.

#### Changing the filter

If you are allowed to override your assigned filter, you can remove restrictions by blanking out one or more entries in any of the lists specified by the current filter. For example, if your current filter lists application codes DST and FIN, you are restricted to these two applications. If you blank out both these codes, you remove any restriction to do with applications, and you gain access to all applications.

All changes you make to your assigned filter are temporary, and are in effect while you are signed- on. After you sign off the terminal and sign on again, your assigned filter reverts back to its original specifications. If you want to permanently change your assigned filter, ask your SEE/Change administrator to make these changes to the original specifications. Refer to *Enrolling users* in *Configuration Manager User and Reference Manual.* 

This function enables you to create an IR, and to copy, update, display or remove existing IRs.

## How to get into this function

Menu/Option: SEEPRB / 1 Command: WRKINVRQS

## List panel viewing and manipulation

	SEE/Change - Change Manage Work with Investigation	ment Sy n Reque	vstem Fi ests	lter: *NONE	
2=Change 29=IS text	3=Copy 4=Delete 43=Task sched 44=Tasks	5=D 45=I	Display Location	17=Close I	R
Opt IR Nbr	Text		Applicatn	Status	Txt?
000012 000011 0000008 000005 000004 000003	Problem with server of PC network Bug in distribution report 2 Bug in selection list for warehouse Problem with new distribution pick Program FOR1A3 had errors during E Problem with new distribution pick Problem with new distribution targe	es ing li OM ing li et cod	MAINFRAME Distributi Distributi Distributi Distributi Distributi	Entered Opened CRs Opened CRs Opened CRs Completed Opened CRs Opened CRs	Txt
				Вс	ottom
F1=Help F F12=Cancel	3=Exit F4=Prompt F5=Refresh F6=C F14=Curr flt F21=Filter F22=Sta	reate tus F2	F9=Cmd F11 23=More opti	=Chg view ons F24=Ms	gs

IRs are shown in descending order of IR number. Refer to Command WRKINVRQS on page 3-37.

For each IR, the IR number, description, originating application, and status are shown.

The presence of the indicator *Txt* in the Txt column means that IS personnel wish to signal that they have entered responses or instructions arising from the IR in the IS text document. When you have viewed this document, the *Txt* indicator disappears. It reappears each time IS personnel change the IS text document. Refer to *Text documents* on page 3-10 for more information about IS text documents.

The heading for this panel is text taken from the contents of general parameter @TXO, which you can set using WRKPRMDTA.

Note that even if you do not have the required authority for the WRKINVRQS command, you can still
view the list of IRs, but you cannot select any action code that changes IR data or status.

2=Change	Change the IR. To change an existing IR, the status of the IR must be one of:
	<ul> <li>entered (*ENT)</li> <li>under investigation (*VST).</li> </ul>
	If you select this option for an IR in a status other than *ENT or *VST, the only item which can be changed is the IR summary text.
	Refer to Data items shown when changing or displaying an IR on page ?.
3=Сору	Create a new IR by copying an existing one. The panel contains details of the IR you have chosen to copy, shown as a default for the creation of the new IR.
	Refer to Data items for creating an IR on page ?.
4=Delete	Delete the IR. To delete IRs, the status of the IR must be either entered (*ENT), or under investigation (*VST).
	A confirmation window pops up showing the IR number you have selected for deletion; press Enter to confirm delete and the IR is removed; use F12 to cancel the delete operation.
5=Display	View existing details of the selected IR. Refer to <i>Data items shown when changing or displaying an IR</i> on page ?.
29=IS text	View IS text.
	Refer to <i>Text documents</i> on page 3-10.

Use action option **43=Task sched** to view and change the task schedule for the specific IR. The indicator *Tsk* appears under the far right column if one or more tasks are outstanding in the IR schedule. For further details, see *SEE/Job User and Reference Manual*.

Use action option **44=Tasks** to view all outstanding tasks for the current user. For further details, see *SEE/Job User and Reference Manual*.

Use action option **45=Location** to work with locations and site details for the selected IR.

Use **F6=Create** to create a new Investigation Request (see page 3-17).

Use **F11=Chg view** to toggle between this panel and an alternative list that shows additional information about each IR, including *IR Category*, *IR Priority*, *Reported Date* and *Required-by Date*. The value you specify for a date field is used to select records with a date on or before the specified date.

Use **F14=Curr flt** to bypass the pull down menu and go directly to the *Work with Data Filters* panel, which enables you to change the currently assigned filter. Refer to *Filtering pull down menu*.

Use **F21=Filter** to show the filter pull down menu, which enables you to change an active filter or select a different filter

Use F22=Status to get to the status pull down menu (see page 3-24).

#### Searching and selecting IRs

You can use the input fields below the column headings to specify criteria for searching and selecting IRs for display. These input fields are used together with any filtering specifications that might be in force against your enrolment record.

The following are the selection criteria items you can specify:

Text	<i>IR summary text</i> is searched. You can enter a maximum of five words, and all IRs that contain one or more of these words anywhere in this field are shown.
Usr Ref	<i>IRs User Reference</i> is searched. You can enter a maximum of five words, and all IRs that contain one or more of these words anywhere in this field are shown.

After a list is constructed based on the specified selection criteria, you can further position the list using the **IR Nbr** input field. The list is shown in descending IR sequence starting with the IR number you have specified.

To revert to the full list, blank out all the search items and press enter.

#### Filtering

If a data filter is assigned, the filter name is shown in the top right corner of the panel (next to the mnemonic **Flt:**). If no filter is assigned, \*NONE is shown. Refer to *Data filtering* on page 3-11. You can:

- Show the filter pull down menu, which enables you to change an active filter or select a different filter, by using **F21=Filter**.
- Use **F14=Curr flt** to bypass the pull down menu and go directly to the *Work with Data Filters* panel, which enables you to change the currently assigned filter.

: Filter Options :	SEE/Change Testing Enviro rk with Investigation Requ	onment Fi lests	lter: RICHARD
: : 1. Maint *CURR : : 2. Use *USRPRF : : 3. Use *GRPPRF :	4=Delete sched 44=Tasks 4	5=Display 5=Location	17=Close IR
: 4. Use *SELECT :		Applicatn	Status Txt?
	error testing	Demo appli	Completed Opened CRs
	Environment	Demo appli	Opened CRs
	or Release	Demo appli Demo appli	Opened CRs
: :	a ana sena again	Demo appli	Opened CRs
: :	st	Demo applı Demo appli	Opened CRs Opened CRs
: :	test !	Demo appli Demo appli	Opened CRs Completed
: :	ry Test	Lansa Inte	Completed More
: F1=Help F12=Cancel :	ompt F5=Refresh F6=Creat	e F9=Cmd F11	=Chg view
::	t F21=Filter F22=Status	F23=More opti	ons F24=Msgs

The following pull-down menu is displayed when you use **F21=Filter**.

1=Maint \*CURR Maintain the current filter. Subject to whether you are authorised to make filter changes, this option enables you to change the current filter specifications.
 2=Use \*USRPRF Assign a filter with the same name as your user profile to be your current filter.
 3=Use \*GRPPRF Assign a filter with the same name as your group profile to be your current filter.
 4=Use \*SELECT Select a filter name from a list of available filters to be your current filter.

# **Specifying Investigation Request Details**

The investigation request definition details are organised in two panels. The first panel is for specifying mandatory data, the second for specifying optional data. Whether or not the second panel is displayed depends on the settings in the current filter.

The following panel is shown when you press **F6=Create** on the *Work with Investigation Requests* panel.

SEE/Change Testing Environment Work with Investigation Request Details	
Request Summary Text :         Request Detailed Text :         1         2         3         4         5         6         7         8	
Application (P): Location (P): IR Category (P): User priority (P): Problem originated date : 26/06/95 Fix required by date : _0/00/00	More
Fl=Help F3=Exit F4=Prompt F6=Ins line F9=Cmd F10=Position text F1 F12=Cancel F14=Dlt line F16=Bypass F17=Top F18=Bottom	ll=Search

Req summary text	The text or brief description of the IR is mandatory.
Req detailed text	Text entered here is appears as User text in some Change Manager functions.
Application	This can be the code for an application, or the code for an application area. Application codes contain up to three characters; application area codes contain up to ten characters.
	If you enter a code containing up to three characters, SEE/Change searches its application list for a match. This field enables you to enter up to ten characters; if you enter a code of more than three characters, SEE/Change assumes you are entering the code for an application area, and searches its table of application areas for a match.
Location	This can be the code for a site or the code for a location. If the code entered in the Application field is for an application area, the code entered in the Location field cannot be the code for a site: it must be the code for a previously defined location (which can be up to 10 characters long).
IR Category	The category to which the IR belongs. Use F4 to prompt for a list of valid category codes.
User priority	The user priority field is mandatory. Use F4 to prompt for a list of valid priority codes.

Problem orig date	The 'problem originated' date is mandatory. It must be a valid date not later than today's date.
Fix required date	The 'fix required' date is optional. If specified, it must be a valid date later than today's date.

The text entry functions on this panel are as follows:

F6	Insert Line (at current cursor position)
F10	Position Text (displays prompt window asking for a line number to position to or word
	to search for)
F11	Search (actions the search/find next of the search word entered via F10)
F14	Delete line (deletes the line of text cursor is currently on).
F17	Top (position to line 1 of text subfile)
F18	Bottom (position to last entered line of text)

If SEE/Change is not configured to use SEU as the text editor, the free text area is disabled and a function key is provided to access the preferred word processor.

From the data entered in the Application field and the Location field on this panel, SEE/Change determines whether the IR entered is a software IR or non-software IR. To create a non-software IR, you specify an *application area* code instead of an application code, and a *location* code instead of a site code. You cannot create a CR under a non-software IR: all CRs are software-related.

The Application, Location, IR Category and User priority fields have defaults taken from specifications in the current data filter.

#### Data items shown when changing or displaying an IR

The following panel is shown when you select option **2=Change** or **5=Display** on the *Work with Investigation Requests* panel.

SEE/Change - Change Management System Work with Investigation Request Details Request number . . . . . : 000005 Entered by: JULIE 1/10/93 10:58:54 Request Summary Text . . . : Program FOR1A3 had errors during EOM Detailed Text 1 This program must be fixed before the next EOM 2 3 4 5 б 7 8 More... Application...: DSTDistributionLocation...: PCFPacific operation Pacific operations IR Category . . . . . : \*UNKNOWN Category unknown (default value...) User priority . . . . : \*HIGH Main function. No alternative. Problem originated date . : 1/10/93 Fix required by date . . : 29/10/93 F1=Help F3=Exit F9=Cmd F10=Position text F11=Search F12=Cancel F17=Top F18=Bottom

**Request number** This is generated by SEE/Change, and consists of the system code of the originating development centre where the request is lodged, followed by a sequentially allocated six-digit number that is unique within the originating development centre.

The action taken when you press Enter on this panel depends on settings for the current data filter.

The following panel is displayed when you press Enter on the *Work with Investigation Requests Details* panel, (if the current data filter specifies it). If an existing IR is being changed, the fields on this panel are not enterable.

The fields on this secondary panel are not mandatory, and therefore you can bypass this panel by pressing **F16=Bypass** on the main panel.

 SEE/Change - Change Management System

 Work with Investigation Request Details

 Request number . . . . . : 000005 Entered by: JULIE
 1/10/93 10:58:54

 Menu & option . . . . . : 
 /
 /

 Job details . . . . . . : 
 /
 /

 Job details . . . . . . : : /
 /
 /

 Dump taken ? . . . . . . : : \*NO \*YES/\*NO
 \*Yes/\*NO

 User reference . . . . . : : FORIA3
 \*Yoo \*YES/\*NO

 Current status / date . . : \*CMP - Completed : IR closed
 3/12/93

 F1=Help F3=Exit F9=Cmd F12=Cancel F16=Bypass

Menu and option	These fields can be used to indicate a menu or option associated with the problem you are reporting.
Job details	If specified, the job details must be in a valid format, i.e; the first field (job number) must be a valid six-digit number, and the second and third fields (user/job name) must be valid names.
Dump taken?	Valid values are *YES or *NO. If a dump was taken, it should be given to the IS department to assist in problem determination.
IR category	Use F4 to prompt for a list of valid category codes.
User reference	Reference text to support categorising and searching the IR database.
Notify text changes?	Valid values are *YES or *NO. If you specify *YES, SEE/Change displays the <i>Txt</i> indicator next to the IR whenever text changes have been made in the user text document since the last review of the IR.

When you complete this panel and press Enter, what you see depends on settings in the current filter.

If the option **Show client-defined extension panels** option in your current filter is set to Y, SEE/Change invokes the IR extension processing program as specified by the @INC general parameter. SEE/Change then invokes SEE/Job to enable you to work with the related task schedule, if :

- ! SEE/Job is installed
- ! the 'Show task schedule automatically (JOB)' option in the current filter is set to Y
- ! you have sufficient authority to work with SEE/Job scheduling.

### **Filtering specifications**

Work with Data Filter Details			
Filter Name/Descriptn : RICHARD Data_Filter_created_by_User_RICHARD			
Enter the codes to which the user is restricted: IR/CR Applications (P):			
IR Sites/Locations (P):			
IR Categories (P):			
IR Status Codes (P):			
F1=Help F3=Exit F4=Prompt F5=Refresh F9=Cmd F12=Cancel F24=Messages			

This panel is shown when you choose to change the current filter.

You can specify lists of application codes, site codes, category codes and status codes; the main list panel is refreshed showing only IRs with details matching the codes you have specified in these lists.

If you have changed the original filter assigned to you, you can use F5 to refresh the current filter with its original specifications.

The following secondary panel is displayed when you press Enter.

Work with Data Filter Details
Filter Name/Descriptn : RICHARD Data_Filter_created_by_User_RICHARD
In Problem Manager : Show secondary detail panel ? : Y (Y/N) Show client-defined extension panels ? . : Y (Y/N) Show task schedule automatically (JOB)? : Y (Y/N) Default IR application area code (P): Default IR location code (P): Default IR category (P): Default IR user priority (P): Default IR user reference :
F1=Help F3=Exit F4=Prompt F5=Refresh F9=Cmd F12=Cancel F24=Messages

#### Show secondary detail panel?

This determines whether the secondary panel containing optional IR-related information (see page 3-20) is presented when creating, changing, or displaying an IR.

#### Show client-defined extension panels

This determines whether SEE/Change invokes the IR extension processing program (specified by the @INC general parameter) immediately on exit from the *Work with Investigation Requests* panel.

#### Show task schedule automatically

This determines whether SEE/Change invokes SEE/Job to process the task schedule for an IR on exit from the *Work with Investigation Requests* panel.

#### Default IR application area code

The application area code to be used as a default when creating an IR. Use **F4=Prompt** to display a list of available location codes.

#### Default IR location code

The location code to be used as a default when creating an IR. Use **F4=Prompt** to display a list of available location codes.

#### **Default IR category**

The category to be used as a default when creating an IR. Use **F4=Prompt** to display a list of available categories.

#### Default IR user priority

The user priority code to be used as a default when creating an IR. Use **F4=Prompt** to display a list of available priority codes.

#### Default IR user reference

The user reference text to be used as a default when creating an IR. User reference text can be used to group IRs for searching.

#### Status pull down menu

The following pull-down menu is displayed when you use **F22=Status** on the *Work with Investigation Requests* panel.

..... Change - Change Management System Filter: \*NONE : Status Options : Work with Investigation Requests : : : 69 Config opt : 4=Delete 5=Displ \_\_\_\_\_69.Config opt : 4=Delete 5=Display 70.Act jobs : sched 44=Tasks 45=Location 17=Close IR 5=Display : : : : Applicatn Status Txt? : : : server of PC network MAINFRAME Entered : ibution report 2 Distributi Opened CRs : tion list for warehouses Distributi Opened CRs : MAINFRAME Entered Txt : : : : new distribution picking li Distributi Opened CRs : A3 had errors during EOM Distributi Completed : new distribution picking li Distributi Opened CRs : : : new distribution target cod Distributi Opened CRs : : : • : Bottom F1=Help F12=Cancel : : : ompt F5=Refresh F6=Create F9=Cmd F11=Chg view : ..... t F21=Filter F22=Status F23=More options F24=Msgs

SEE/Change is shipped with option **69. Config opt**, which enables you to configure, change or remove user-defined options. For example: you can configure options to execute commonly used AS/400 commands like WRKSBMJOB, WRKOUTQ etc.

When you select this option, command CFGBAROPT parameters are prompted.

Note that all the user-defined options you configure through this option will appear in this pull down menu permanently and for all users.

Refer to Command CFGBAROPT on page 3-29.

# **Listing Investigation Requests**

This function enables you to select and print IRs. You can select the format of the report you want, and also which IRs are printed on that report.

# How to get into this function

Menu/Option: SEEPRB / 2 Command: LSTINVRQS

# **Selection criteria**

Use this panel to enter selection criteria for IR listings. The report type and IR originating system are the only mandatory fields. A valid report type and originating system must be selected.

Report type	You can use F4 to prompt for a list of report types. Valid values are:			
	*SUMM	One line is printed per IR. Only summary details are shown. This is the default.		
	*FULL	One IR is printed per page of report. Complete details are shown, including user text, IS text, and a list of all CRs created under the IR.		

# \*PTXT Three IRs are printed per page. All IR details are shown, but only the first 15 lines of text are listed.

**IR Orig system** The default value is the code of your local system, i.e; list IRs that have been lodged at the local development centre. You can use F4 to prompt for a list of other valid codes in your system, and request lists of IRs that have been transferred from other development centres.

The rest of the panel enables the specification of up to two selection criteria expressions against each of the available IR data items. The relational operators \*AND/\*OR define the relationship between the two expressions for each item.

For the field Applic/Area, specify either an application code or an application area code. For the field Site/Location, specify a site code or a location code.

Each expression consists of an operator and a data constant. The table below shows valid operators for the expressions:

Operator	Description
*CT	Contain (Character string)
*EQ	Equal to
*GE	Greater than or equal to
*GT	Greater than
*LE	Less than or equal to
*LT	Less than
*NE	Not equal to
*NG	Not greater than
*NL	Not less than

After you have entered your selection criteria and pressed Enter, a job control prompt window pops up, enabling you to run the job either interactively or in batch. Refer to *Submitting batch jobs* in *SEE/Change General Introduction*.

For report examples, refer to *Appendix C* on page 3-39.

# **Command CFGBAROPT: Configure Bar Option**

The Configure Bar Option (CFGBAROPT) command allows you to configure user-defined action and status options to be integrated into certain SEE/Change functions.

You can use this command to create a new user-defined option, replace or remove an existing user-defined option.

#### Note:

User-defined options are not supported by SEE/Change. It is the user's responsibility to ensure these options are configured correctly. User-defined options will be retained when subsequent upgrades to SEE/Change are installed.

#### Function or Panel Id (PANEL)

Specifies the SEE/Change function containing the user-defined option. Possible values are:

WRKCROBJ

Work with CR Objects (Action or Status option)

WRKCRDEV

Work with CR Development (Status option)

WRKINVRQS Work with Investigation Requests (Status option)

WRKCHGRQS Work with Change Requests (Status option)

WRKRLS

Work with Releases (CR Allocation panel Status option)

#### **Mnemonic (MNEMONIC)**

Specifies the type of user-defined option. Possible values are:

#### \*ACTION

Action option. The user-defined option will appear in the action pull-down menu when F4 is pressed, and when action codes are displayed on the top of the panel. The Action option can be specified only if PANEL(WRKCROBJ) is specified.

#### \*STATUS

Status option. The user-defined option will appear in the status pull-down menu (when F22 is pressed).

#### **Option Number (OPTION)**

Specifies the user-defined option number. You can specify any option number in the range of 70-99 (option numbers in the range of 01-69 are reserved for SEE/Change internal options).

This is a required parameter.

#### **Option Text (TEXT)**

Specifies the text associated with the user-defined option. Possible values are:

#### Text

Specify text string not longer than 12 characters.

#### \*NOCHG

No change to existing text, when adding or changing the execution string.

#### \*RMV

Remove user-defined option. Remove text and all associated execution strings.

#### **Object Reference Id (OBJREF)**

Specifies the SEE/Change object reference id if MNEMONIC(\*ACTION) is specified. Possible values are:

#### Object Ref (id)

The execution string you specify under parameter EXEC will be executed when the option specified under parameter OPTION is used against any object with this reference id.

#### \*ALL

The execution string you specify under parameter EXEC will be executed when the option specified under parameter OPTION is used against any object.

#### **Execution String (EXEC)**

Specifies the command string executed when the option is selected. Possible values are:

#### CL command

Specify any valid CL command. The command will be validated; if invalid, a message will be returned indicating the error, and the execution string will not be made operational. When specifying the execution string for PANEL(WRKCROBJ) MNEMONIC(\*ACTION) you can embed the following run-time substitutional variables in the execution string:

Variable	Description
&1	Object name.
&2	CR library name. For application message files it is the common work library as specified under general parameter @SVL.
&3	Default source file name.
&7	SEE/Change object reference id.
&8	SEE/Change object type.
&9	SEE/Change object attributes.
&10	CR application mode.
&11	Local system code.
&13	IR number.
&14	CR sequence number.

#### \*NOCHG

No change to existing string when changing the option text.

#### \*RMV

Remove execution string.

#### Submit Execution ? (SBM)

Specifies whether the string is executed interactively or in batch. Possible values are:

#### \*NO

Do not submit execution. Execute interactively.

#### \*YES

Force batch execution.

#### \*<u>OPT</u>

Optional. Allow run-time selection.

#### Submit Job Name (SBMJOB)

Specifies job name for submitted jobs. This parameter is prompted only for MNEMONIC(\*STATUS), and when an execution string is specified against parameter EXEC. Jobs submitted from a MNEMONIC(\*ACTION) option will always be assigned a job name that is the same as the selected object name.

Possible values are:

#### Job name

Specify the job name to be assigned to submitted jobs.

#### \*DEFAULT

The job name will be constructed automatically.

# **Command CHGSBMDFT: Change Submit Defaults**

The Change Submit Defaults (CHGSBMDFT) command enables you to specify the default job description being used for submitted jobs. The default job description name is stored in QTEMP. This function eneables you to change the current session default as stored in QTEMP.

There are no parameters for this command.

A subsequent window is shown, allowing you to change the current default job description name, or to change its attributes. You can nominate any existing job description name, or the value \*CURRENT, which indicates that job description associated with the user profile and the current interactive library list are used.

#### Special considerations:

When you initially sign-on to SEE/Change, the default is set to OMSJOBD in the SEE/Change database library.

When you enter function WRKCROBJ (Work with CR Objects) the default job description is changed to either \*CURRENT or CRJOBD in the CR library, depending on the value you specify for general parameter @SBM. Refer to *Maintaining general parameters* in *Configuration Manager User and Reference Manual*. When you exit WRKCROBJ, the default in force before you have entered the function is re-instated.

# **Command LSTINVRQS: List Investigation Requests**

The List Investigation Requests (LSTINVRQS) command enables you to list IRs that have originated at the local development centre system, or have been transferred from a remote development centre.

There are no parameters for this command.

When this command is executed, you are shown a panel that you use to enter report selection criteria. On this panel you specify the format of the report you require, and the criteria by which IRs will be selected for inclusion in the report.

# Command WRKINVRQS: Work with Investigation Requests

The Work with Investigation Requests (WRKINVRQS) command enables you to create and maintain Investigation Request details.

#### Mode of operation (MODE)

Specifies which function is allowed. Possible values are:

#### \*<u>SEL</u>

Select from a list of IRs. All IRs are shown, subject to the user's current filtering options. An IR can be selected for update or browse.

#### \*BRW

Browse a specific IR. The IR number must be specified under parameters SYSM and IRNBR. Update is not allowed.

#### \*UPD

Update a specific IR. The IR number must be specified under parameters SYSM and IRNBR.

#### IR originating system (SYSM)

Specifies the originating system code of the IR you wish to update or browse. This parameter must be specified if MODE is \*UPD or \*BRW.

#### IR number (IRNBR)

Specifies the number of the IR you wish to update or browse. This parameter must be specified if MODE is \*UPD or \*BRW.

# LSTINVRQS: List Investigation Requests: report type\*FULL

LSTINVRQS TSPLSYD THENON Software Environment Engineering 5/10/93 Page : 1 S))))))))))))))))))))))))))))))))))))
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# LSTINVRQS: List Investigation Requests: report type \*PTXT

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User Reference:	FORIA3	*	*
IR Category	^ UNKNOWN	*	*
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Reported on	01/10/93	10:58:54*	*
Required by	29/10/93	*	*
User Priority :	*HIGH	*	*
Referred to IR:		*	*
IR status :	*CRS	*	*
IR status date:	05/10/93	*	*
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Job details :	//	*	*
Dump taken? :	*NO	*	*
User Reference:	Xdr/0981	*	*
IR Category :	*SOFT	*	*
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Reported on :	26/07/93	16:45:47*	*
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User Priority :	*MED	*	*
Referred to IR:		*	*
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