

Global User Exits

This subsection covers the following topics:

- Invoking the Global User Exits Screen
- Job Activation
- Symbol Modification
- Job Submission Exit

Invoking the Global User Exits Screen

You can specify a user exit to be submitted for every JCL card submitted by Entire Operations.

Mark the field labelled Global User Exits in the Default Setting (1) screen and press Enter to display the following screen:

```

20.11.01          *** Entire Operations ***          11:02:06
Owner EXAMPLE          Global User Exits
-----
Job Activation  (optional)
  Execution: For each job activation. Possibility to modify specific fields
  which describe the JCL location.
  Job Activation Userexit Name ==> ZJCLX1-A

Symbol Modification  (optional)
  Symbol Modification Userexit Name ==> ZSYM1--N

Job Submission  (optional)
  Execution: For each JCL line to be submitted by Entire Operations.

  Submit Userexit Type ==> _          Blank none,  A Assembler,  N Natural
  Submit Userexit Name ==> _____

Please note the possible overhead being created by the user exit usage.

Command => _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help          End          Save          Menu

```

Details about entering data in the fields on this screen is contained in the following two subsections.

Job Activation

Activation JCL User Exit Name

If you enter a user exit here, it is used for each job activation performed by Entire Operations. The exit must be coded as a Natural subprogram.

The parameter list is called AJCLX1-A and can be found on the Entire Operations library.

To include it in the exit, code:

```
DEFINE DATA PARAMETER USING AJCLX1-A
```

This exit can be used to modify almost all fields that describe the JCL location.

Notes:

1. The modifications are effective for the current run only: the job's master definition is not affected.
2. P-RC must be set to 1 to make the modifications valid.
3. **Do not** use END TRANSACTION in this exit; Entire Operations performs its own END TRANSACTION after returning from this exit.

Symbol Modification

If you enter the name ZSYM1--N here, this exit will be invoked for each network that does not have its own symbol prompting user routine. ZSYM1--N must reside in the SYSEOR library and use the NOPSYP-A parameter list.

To include it in the exit, code:

```
DEFINE DATA PARAMETER USING NOPSYP-A
```

Notes:

1. Once you have defined the Global Symbol Modification User Exit, you can prevent one or more networks from using it by defining a dummy symbol prompting user routine for the network(s). For more information, see the section Symbols in the Entire Operations User's Guide.
2. Do not code END TRANSACTION in ZSYM1--N because Entire Operations performs its own END TRANSACTION after returning from this exit.

Job Submission Exit

- Submit User Exit Type
- Submit User Exit Name

If specified, this exit is used for each JCL line to be submitted by Entire Operations.

Submit User Exit Type

Enter **A** for Assembler or **N** for Natural.

- **Assembler**
If you specify Assembler, the user exit must be linked to the Entire Operations batch Natural for the Monitor;
- **Natural**
If you specify Natural, it is recommended that the user exit exist as a cataloged subprogram in a STEPLIB assigned to library SYSEOR or in SYSEOR itself.

Submit User Exit Name

The following is the parameter list for the submission user exit:

Parameter	Natural	Assembler	Meaning
P-OWNER	(A10)	CL10	Owner of the job network.
P-NETWORK	(A10)	CL10	Job network.
P-JOB	(A10)	CL10	Name of the job.
P-LINE	(P7)	PL4	Current line.
P-CARD	(A80)	CL80	Card image.
P-INSERT-CARD	(A80)	CL80	Insert card image.

- If the parameter P-CARD is blank on return, the card will be skipped.
- If the parameter P-INSERT-CARD is not empty, it is inserted after P-CARD.