

USERX\$ - Return User Number from Operator-id (Extended)

The USERX\$ routine provides a replacement for the traditional USER\$. USERX\$ is used to find whether a specified operator is signed on to the system and, if so, returns the appropriate user information.

1. Invocation

To check whether a specific operator is signed on code:

```
CALL USERX$ USING us area [count]
```

where *area* is a PIC X(2000) work area for use by USERX\$, *us* is a control block of the following format; and *count* is an optional PIC 9(4) COMP field into which the occurrence number of the operator is returned:

```
01  US
02  USOPID      PIC X(4)          * Operator-id
02  USUNO       PIC 9(4) COMP     * User number
02  USSCNN      PIC 9(4) COMP     * Screen number
02  USCID       PIC X            * Computer-id
02  FILLER      PIC X(2)         * Reserved
02  USPART      PIC 9(2) COMP     * Partition number
```

The operator-id of the required operator must be established in USOPID before USERX\$ is called. On successful completion USUNO, USSCNN and USCID will be set to the values and USPART will be set to 1.

2. STOP Codes and Exception Conditions

No STOP codes are generated by USERX\$.

The following EXIT codes may be returned by USERX\$:

EXIT code	\$\$COND	Description
20801	1	User File (\$\$USER) not found or I/O error on the User File.
20802	2	The operator is not signed on to the system.
20803	3	An attempt has been made to use USERX\$ on an obsolete version of GSM.

3. Programming Notes

USERX\$ provides two extensions to the traditional USER\$:

- When the limit on the number of partitions per computer/system was increased from 99 to 250 the USUNO & USSCNN fields in the US-block returned by the USER\$ routine had to be extended from PIC 9(2) COMP to PIC 9(4) COMP. USERX\$, with an enlarged US-block, provides this extension;
- USERX\$, unlike traditional USER\$, supports the Multiple Operator Sign-in option. The optional count field contains the occurrence of the specified Operator-id in the User File.

There is a subtle difference between USUNO and USSCNN. USUNO contains the User Number, a value between 1 and 250. The user number is an "external format" field. For example, the user number appears in the \$STATUS report. USSCNN contains the Screen Number, a value between 1 and 255.

4. Examples

[EXAMPLE REQUIRED]

5. Copy-Books

None.

6. See Also

USER\$	Return User Number from Operator-id
USERM\$	Return User Number from Operator-id (Extended)
OPID\$	Return Operator-id from User Number
OPIDX\$	Return Operator-id from User Number (Extended)