Title:

RC3600 Data Entry Release 2

Instructions for Entering of Passwords

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Keywords:

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Abstract:

This manual describes how to include passwords
on a RC3600 Data Entry System.

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1.   INTRODUCTION.

This manual describes how to include passwords on an RC3600 Data Entry system. For further description see section 2 and 3.

The following pages can be inserted in the:
>   RC3600 Data Entry Release 2
>
>   User's Guide Part 2
>
>   RCSL: 43-GL4796
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instead of the already existing pages.

Notice: the original page 55 is substituted by two new pages, page 55A and 55B.

2.   ENTERING OF PASSWORDS.   2.

Passwords are used by the system to check whether the user iden-
tification entered in the login procedure (section 3.2) corres-
ponds to a legal user identification stored on disc in the pass-
word file. The system furthermore offers the possibility of pre-
venting key stations using certain user identifications from en-
tering supervisor mode.

If no passwordfile is present then any initial and user number
will be accepted in the login procedure provided that they con-
form to the format described in section 3.2. And any key station
in login mode is allowed to enter supervisor mode at times when
no other key station is supervisor.

No passwordfile is present upon system installation.

The passwordfile is a table each entry containing a user identi-
fication as a combination of initials and user numbers the latter
extended with a digit indicating if the combination allows ente-
ring to supervisor mode.

To enter a passwordfile, proceed as follows:
Use the standard format TABLE (see Format Language Guide sections
2.3.2 and 5.3) to create a batch and use supervisor program TRANS-
LATE to translate the batch into a table. The table will then be
used by the system as passwordfile.

The table must conform to the following demands:
1. Table name must be PASSW.
2. Type must be D (double entired core-table).
3. A-type must be AN.
4. A-lgth must be 3, corresponding to initials.
5. F-type must be N.
6. F-lgth must be 7, corresponding to user number extended with
    'supervisor digit'.

Each table entry contains a user-identification:

Argument: Contains initials (3 characters).

Function: Contains user number (6 digits) and 'supervisor di-
              git' (one digit/the right most) where 0 = not al-
              lowed as supervisor, 1 = allowed as supervisor).

The batch and table PASSW should be saved using supervisor pro-
gram SAVE. PASSW may then be reinstalled after future system in-
stallations.

Example: | initials | user number + 'supervisor digit' |
              | --- | --- |
              | POL | 1000230 |
              | POL | 1000240 |
              | AKN | 3002010 |
              | AKN | 1000230 |
              | AKN | 7230001 |

The only user identification of above mentioned to
allow entering to supervisor mode is AKN 723000.

To change the contents of the passwordfile, proceed as follows:

1. Perform the login procedure with a user identification allow-
   ing supervisor mode.
2. Correct the batch in KEY, REKEY, or EDIT mode.
3. Enter supervisor mode.
4. Delete table PASSW by using the DELETE program.
5. Create a new passwordfile by translating the batch by using
   the TRANSLATE program.

Notice:

Do not create a passwordfile, which only contains zeroes as super-
visor digits, since this prevents everybody from being supervi-
sor. If this is done erroneously, only a system initialization with
NEW can change that situation.

3. MESSAGES.

3.

13. MESSAGES.

13.1 Stop Mode.

MESSAGE	MEANING	REPAIR
NO FORMAT AREA	No area is available in core for the log-in procedure.	Wait for some operations which reserves area in core to finish.
NO TABLE LIBRARY	The table library is no longer in the system (system inconsistency).	Install the system with catalog NEW.
NOT INIT	The initials are not 2 or 3 characters.	Perform the login procedure again.
NOT USER	The keyed number is not a user number. Or user identification can not be accepted as it is not mentioned in the passwordfile. Or the user identification in the passwordfile contains an illegal supervisor digit (i.e. not 0 or 1).	Perform the login procedure again. Or correct the passwordfile.
STATION LOGGED IN	The login procedure has been accepted.	
TABLE LIBRARY IN USE	The table library is reserved by another system function. (A supervisor program).	Wait for the supervisor program to finish and perform the login procedure again. If no supervisor program is running, it is necessary to reload the system in order to clear the reservation.

MESSAGE	MEANING	REPAIR
BATCH DUMPED OR TRANSFERRED	Keying, rekeying or editing cannot be performed because the batch already has been dumped or transferred.	Specify the RELEASE parameter in the KEY, REKEY or EDIT command if desired.
BATCH END	Keying cannot be performed because the END statement is executed.	In edit mode the last record of the batch may be deleted or records may be inserted into the batch.
BATCH ERROR	A serious inconsistence is found between the batch and the format which controls the keying, rekeying or editing. The registration is closed down.	Check that the format in control is unchanged from a previous registration - also the size and number of registers must be unchanged. Otherwise the message is due to a software error.
BATCH EXISTS	The batch name already exists within the system.	Delete the existing batch or create the batch with another name.
BATCH IN USE	The job specifies that the batch is being used by another key station or by a supervisor program.	Wait until the other key station has finished the work on the batch or until the supervisor program finishes. If the batch is not in use it is necessary to reload the system as a supervisor program has not cleared the reservation of the batch. If this does not help, the job specification may be cleared by program RESCUE.
BATCH NOT IN JOB	The batch does not exist in the job.	Fatal system error, please contact RC.
BATCH SIZE	The specified batch size is not in the range of 2 and 761.	Re-enter the SET command with a correct batch size.
BATCH SORTED	Key, rekeying or editing cannot be performed because the batch has been sorted.	