

SECTION 22. REMOTE DEVICE OPERATIONS**22.1 REMOTE DEVICES.**

A&F uses a remote device and printer to communicate with the base level computer system. See attachments 2, 3, 5, and 6. A continuing objective is to make the best use of each remote assigned to the AFO. These suggestions are offered:

- a. Expand operator capability as rapidly as possible.
- b. Maintain a continuous flow of input to operators.
- c. Determine local online hours.
- d. Alternate lunch periods.
- e. Leave remote powered on.
- f. Make requests for additional time early enough to allow continued use after normal shutdown time.
- g. Program work so that remote operators can process closing and opening inquiries.
- h. Use standard operating procedures to contact the computer operator when systems fail.
- i. Display remote identification number and computer room phone number.
- j. Process an inquiry to determine whether the computer accepted the last transaction whenever a functional systems failure occurs (paragraph 20.24).
- k. Take full advantage of the multipage capability.
- l. Cross-utilize the Unisys 1100/60 terminals and the Unisys 2200/200 terminals. The following information is provided to help users take full advantage of this feature.

(1) Instructions for the System 2200/200 Site Administrator are contained in DFAS-DE 7077.7-M. Users will need to provide the S2200 Site Administrator with the S2200 terminal-IDs, remote-IDs (RIDs), and their peripheral input devices (PIDs). Avoid using RIDs of X0 through X9 when assigning a RID to an online TIP page. RIDs X0 through X9 are reserved for pseudo transactions, and ZZ is reserved for ICI transactions. If X0 through X9 or ZZ is assigned to a TIP page, program NBQ660 will change it to ZY when the individual signs onto

TIP. That RID will then be reflected on all transactions input into GAFS. This will help differentiate between pseudo, ICI, and normal online transactions.

(2) The basic requirements are the same for the System 2200/60 System Security Officer (SSO). Contact the base level SSO and provide the specific S2200 terminal-IDs. The SSO will execute "NAPZ00." This will add the S2200 terminal-IDs to the S2200/60 communication file (CMS). Once this is accomplished, users will have access to the base level CMS only. Access to systems maintained on the S2200 (i.e., BQ will require additional security level authorizations for each system accessed.)

(3) Before attempting to sign-on to either system using the other system terminal, users must ensure the communications line between the two systems is up and active. The requirement for the connection was established with the installation of the Unisys 2200/200. Users can verify the existence and status of the line by contacting the S2200 Unisys Field Engineer or the Base Communications Office. Once the line is in, it may have to be activated by the S2200 Site Administrator and the S2200 SSO accessing their respective TELECON processors.

22.2 SCHEDULING.

After considering the needs of all functional areas, the Defense Enterprise Computing Center (DECC) establishes normal operation hours for online sessions. Abnormal operating conditions may require more online time. The Reports and Analysis Division directs all requests for more online time to the production control section of the base DECC. If more online time is given but remotes are closed before the additional time period starts, reopen the remotes when the General Accounting and Finance System (GAFS) is brought back online. The DECC prescribes the procedures to follow when more online time is granted.

22.3 ABNORMAL OPERATIONS.

When the system fails to operate as prescribed, the first point of contact is the computer operator. List the computer operator's telephone number near each remote device. When reporting difficulty, give the computer operator your device-ID and describe the problem. Take the corrective action directed by the computer operator. If there is any doubt whether the last input transaction updated all required records, process the inquiries described in paragraph 20.24. In addition, the remote operator flags the transaction in question for special consideration by Reports and Analysis Division. If circumstances warrant, the Reports and Analysis Division may ask for a selective transaction history from the DECC at end-of-day (EOD).

22.4 USE OF REMOTE DEVICE.

The remote device keyboard resembles a typewriter, but the operational use differs. After entering a transaction, wait for the applicable response from the computer. Operators should practice with the remote devices to develop proficiency in the use of the machines.

22.5 PRIME REMOTE.

The host AFO/OPLOC System's Administrator uses the prime remote for special online processing. See section 20.

22.6 REMOTE DEVICE UPDATING LIMITATIONS.

Normally, the computer does not permit update of accounting records by remotes other than those assigned to the AFO. If a remote is not opened for an AFO-ID code, all entries against that AFO-ID code will reject.

22.7 EMERGENCY USE OF OTHER REMOTE DEVICES FOR UPDATING DATABASE RECORDS.

When necessary, the System Administrator coordinates with the DECC, procedures required for processing transactions from other remotes. Transactions can be processed through another activity's remote or through interface processing. These procedures also permit a satellite's transactions to be processed on another activity's remote. When the remotes are logged in with the proper AFO-ID code, the computer accepts transactions for edit and, if correct, updates accounting records.

22.8 BEGIN ONLINE SESSION.

a. Follow instructions in the applicable remote manuals for power-up operation.

b. After powerup, follow the instructions set forth in paragraph A2.5, figure A2-1.

22.9 OP-STATUS PROCESSING.

The ability to process an OP-STATUS is limited to users identified in the User Location/Validation File (ZBQZ0AUNDD10) as user type "S". If the OP-STATUS is processed with a user type other than "S", it will reject. The user must be aware of programs that were scheduled and be able to validate that the programs completed successfully.

a. The OP-STATUS programmatically verifies the date/time stamp of all 17 database files agree. The header record of each database file contains a date/time stamp, which represents a 6-position system date and a 6-position system time (e.g., mmddyyhhmmss.) This field is programmatically updated with the same value in all 17 database files each time the database is reorganized or dumped to tape through a standard dump routine (DAREAs, DAREA-FYE#, DAREA#-EOD, or IRUDMP-#BQ). If one or more date/time stamps do not agree, the OP-STATUS rejects and the following message is displayed:

REJ: * * * * * W A R N I N G * * * * *

A DATE/TIME MISMATCH EXISTS IN ONE OR MORE OF
YOUR PERMANENT DATABASE FILES. THIS CONDITION
MUST BE CORRECTED BEFORE ONLINE PROCESSING CAN
BEGIN. PLEASE REFER TO DFAS-DE 7072.2-M, SECTION 4,
FOR CORRECTIVE ACTION.

If this occurs, the database manager should determine the course of action. See section 4, Database Verification, for additional information on using program NBQS38 to validate date/time stamps. Refer to DFAS-DE 7071.2-M, section 4, for additional guidance on the options available.

b. The OP-STATUS will check the status and position of the database. The database contains batch, online, and end-of-day indicators that are monitored to determine whether batch programs are in process, or the database has been opened for online processing. OP-STATUS also checks these indicators and rejects if any of the following conditions listed exist:

(1) If the indicators reflect that batch programs are running, the OP-STATUS rejects and displays one of the following messages on the screen:

- (a) BATCH PROCESSING INCOMPLETE.
- (b) REJ: 0441 DISK CHANGE SUBSYSTEM
- (c) REJ: 0442 END-OF-MONTH SUBSYSTEM PROCESSING
- (d) REJ: 0443 YEAREND PROCESSING FOR TABLE CHANGES
- (e) REJ: 0444 BASE CLOSURE PROCESSING
- (f) REJ: 0445 END-OF-DAY PROCESSING
- (g) REJ: 0446 CONSOLIDATE-RELINK PROCESSING
- (h) REJ: 0449 DATA BASE TRANSFER IS PROCESSING
- (i) REJ: 0439 SUPPLY RECONCILIATION PROCESSING
- (j) REJ: 0447 INVALID BATCH-CONTROL FLAG

(2) If the indicator reflects a pseudo is running, the following message will be displayed: "0413 INTERFACE PENDING:", followed by the type of interface processing (e.g., travel, civilian pay, military personnel, etc.).

c. The OP-STATUS programmatically executes program NBQ130, option 4, which produces the BQ System History and Recovery Information List (ABQ13PUNPL10) whether the OP-STATUS accepts or rejects. If none of the reject conditions listed above are found, a BQ history is displayed on the screen. The format is the same for both histories.

(1) Only those programs that update the BQ history are shown. The programs are listed at attachment 1. An entry is shown on the history each time an OP-STATUS is processed; the program-ID is shown as "ONLINE" and the remarks column shows "ONLINE SESSION". The history does not reflect individual online TIP programs.

(2) Each history shows programs run prior to the OP-STATUS in reverse chronological order; i.e., the most recent program run is shown first. The online version displays one full screen of information. To view additional history data, press the F1 key. An example of the online BQ History screen is provided at figure 22-1. The ABQ13PUNPL10 list shows the last 100 programs that updated the database. An example is provided at figure 22-2.

d. The history list allows the user to determine if all scheduled programs were successfully completed. If scheduled programs were not completed, the user should not begin daily business processing. The user must determine which programs were unsuccessful and coordinate with the system monitor to reschedule programs, if necessary. The user must review the history list for the following information:

(1) Ensure scheduled programs that update the database were run on the dates scheduled. The program-ID is shown in the "PGM-ID" column. Options are shown in the "OPT" column. Since the history list may include multiple runs of the same program, the user must be very careful to ensure the programs were run on the right date by verifying information in the "DATE" column.

(2) Ensure scheduled programs completed successfully. A beginning-of-job (BOJ) time is entered when the programs begin, and an end-of-job (EOJ) time is entered when they are finished. These times are shown in the BOJ and EOJ columns in ZULU, rather than local time. No EOJ time is shown for any program that did not finish successfully. The "REMARKS" column includes error messages for unsuccessful program runs, and descriptions of programs that finished successfully.

NOTE: Data in the "STATUS" and "VERSION" column is used only to assist SSG in resolving problems.

e. To proceed with the online session, select "Yes" to accept the displayed current business date, or "No" to specify a different date. If the user specifies a different business date, the date selected may not be more than 5 days before the current date or more than 5 days after the current date. The OP-STATUS accepts dates only in the current month. Dates in a future or prior month are rejected. Extreme care must be taken in selecting a date for processing, because that date is used for all transactions processed until the remotes are closed, and an end-of-day is run. The user may select "Discontinue" on the OP-STATUS history screen to abort the OP-STATUS process.

22.10 OP-PSEUDO PROCESSING.

The OP-PSEUDO process accomplishes the same basic functions as the OP-STATUS, but results from the first transaction in the pseudo file instead of an online terminal input.

a. The OP-PSEUDO programmatically verifies the date/time stamp of all 17 database files agree. If one or more date/time stamps do not agree, the pseudo process is terminated and the following message is displayed:

```
REJ: * * * * * W A R N I N G * * * * *
```

```
A DATE/TIME MISMATCH EXISTS IN ONE OR MORE OF  
YOUR PERMANENT DATABASE FILES. THIS CONDITION  
MUST BE CORRECTED BEFORE ONLINE PROCESSING CAN  
BEGIN. PLEASE REFER TO DFAS-DE 7071.2-M, SECTION 4,  
FOR CORRECTIVE ACTION.
```

NOTE: If this occurs, see section 4 of this manual for corrective actions.

b. The OP-PSEUDO checks the batch control indicator to ensure no other programs are running. If a batch program is running, one of the messages outlined in paragraph 22.10 will be displayed.

c. If the system is already open for business on the day the OP-PSEUDO is processed, by either an OP-STATUS or an OP-PSEUDO, no control record is necessary. If the system has not previously been opened, the user must create the BQ Pseudo Control Record. See figure 22-3. The control record (ABQO9XUNDC10) is used by OP-PSEUDO to establish the business date for pseudo transactions, and to ensure scheduled programs are run prior to pseudo.

d. The ABQO9XUNDC10 file is programmatically deleted each time an OP-STATUS or OP-PSEUDO is processed. Create the control record in a temporary file using locally developed ECL to copy the temporary file to the ABQO9XUNDC10, and schedule the local ECL to run immediately prior to the OP-PSEUDO. This process allows the user to create the control record ahead of time and prevents elimination if an OP-STATUS or another OP-PSEUDO is processed.

e. The following information must be specified in the control record.

(1) Business Date. The business date selected may be the current date, or date not more than 5 days before or 5 days after the current date. The OP-PSEUDO accepts dates only in the current month. Dates in a future or prior month are rejected. Extreme care must be taken in selecting a date for processing, because that date is used for all transactions processed until the remotes are closed and an end-of-day is run.

(2) Include programs that must be run prior to starting the pseudo in the control record. This list must include only the programs that update the database, as shown in attachment 1. Programs listed in the control record are compared to the BQ history data to determine if they ran successfully. If any program listed on the control record fails to reach a successful completion (normal EOJ), the OP-PSEUDO process aborts; however, the pseudo file remains intact so it can be processed later. The programs do not have to be listed in the order they are run; however, the OP-PSEUDO starts **only** upon completion of all scheduled programs in the control record (ABQO9XUNDC10). At least one program must be scheduled and listed in the control record for the OP-PSEUDO to process.

(3) Include ZULU date and time to start monitoring for completion of scheduled programs. OP-PSEUDO begins monitoring completion of scheduled programs at the time specified in the control record; therefore, the user must enter the earliest ZULU date and time programs are expected to finish running.

f. Each time a PSUPRB file is processed, program NBQW30 is programmatically executed and runs prior to the OP-PSEUDO. Program NBQW30 edits the OP-PSEUDO record to ensure it contains a valid AFO, site code, and pseudo type. The program also edits the control record (ABQO9XUNDC10) to ensure it includes a valid business date and all scheduled programs listed in the control record have reached a good end-of-job. If errors are identified, program NBQW30 produces the OP-PSEUDO Error List (ABQW3PUNPL10) which provides a reject message stating the reason the file did not process.

22.11 TERMINATE ONLINE SESSION.

Follow the instructions outlined in attachment 2, paragraph A2.11, and figure A2-1.

22.12 CLOSING ALL REMOTES.

To process additional transactions before EOD, take extreme care when closing. To close remotes, input CL in the first two positions after all transactions have processed for the day. The last remote to process CL receives instructions to process CL-STATUS. When CL-STATUS is input, the functional system closes for all transactions until EOD is processed. Notify the DECC when closing the system at any time other than the normally scheduled time, so they can start EOD processing.

22.13 CLOSING A DATE FOR TRANSACTION PROCESSING.

a. Once MAFR has been balanced and all other transactions have been input for a given business day, that date may be locked out from further processing. This capability ensures transactions are not later inadvertently input using that business day, which could cause out-of-balance conditions to occur. Only user types "S" (Systems

Administrator) and "C" (Accounts Control) personnel have the capability to lock/unlock dates for processing.

b. To close a date for processing, enter the following:

(1) DTEBAL,C YDDD (YDDD = Julian Date)

(2) Response: DATE RECORD CLOSED

NOTE: Input message may be entered anytime after the OP-AFO,X (X = AFO 0 through 9) message, but prior to the CL. After the date has been closed for processing, any attempt to process transactions using that date will display the following reject message:

<p>0998 MGT: TRANSACTION NOT PROCESSED DATE CLOSED FOR PROCESSING. CONTACT Reports and Analysis Division TO ENTER THIS TRANSACTION.</p>

c. To reopen a date for processing, enter the following:

(1) DTEBAL,O YDDD (YDDD = Julian Date)

(2) Response: THE DATE BALANCE RECORD-YDDD - HAS BEEN OPENED (YDDD = DATE FROM INPUT)

NOTE: Input message may be entered after the OP-AFO,X (X = AFO 0 through 9) message, but prior to the CL. This message will reopen a date previously closed to allow for additional processing as required. Date should be reclosed by entering "DTEBAL,C YDDD" after any additional processing is complete.

d. To view a list of dates and their status, enter the following:

DTEBAL,L YDDD (YDDD = Julian Date)

NOTE: Input message may be entered anytime after the OP-AFO,X (X = AFO 0 through 9) message, but prior to the CL. This message display the date selected along with the previous 89 days, up to the start of the fiscal year. If YDDD is not entered on input, the current date along with the previous 89 days will be displayed. Each date displayed will contain an entry indicating whether that date is open or closed for processing. A 0000 entry next to the date indicates the date is open for processing. A YDDD entry next to the date indicates the date has been closed for processing. The YDDD represents the date a "DTEBAL,C" message was processed to close that date.

e. To view the status of a specific date, enter the following:

DTEBAL,I YDDD (YDDD = Julian Date)

NOTE 1: Input message may be entered anytime after the OP-AFO,X (X = AFO 0 through 9) message, but prior to the CL. This message displays the date selected along with an entry indicating whether that date is open or closed for processing.

NOTE 2: The DTEBAL function is performed by program NBQ097. When a DTEBAL request is entered, the program reads and updates the appropriate date record in the ZBQCOAUNDD10 file (i.e., marks the date as either open or closed for MAFR processing). The online programs that process MAFR transactions read the records in that file to determine the status of the business day the transaction is being processed for. The reject message shown in paragraph b is returned if the selected date has been closed for processing. The date records in the ZBQCOAUNDD10 file are created by program NBQ095. A separate date record is created for each day of the fiscal year in which the program is run. Date records for the new fiscal year are created when program is run during yearend processing.

22.14 STATUS OF REMOTE DEVICES.

Identify the status of each remote device while it is idle:

a. When closing the remote, leave the close message and computer response displayed on the remote device, so anyone can tell the remote is not open.

b. If a remote is not processing for some other reason, display the reason for the interruption of service. This identifies that the remote is not open for processing and was closed for some unusual reason.

22.15 ILLUSTRATION OF OPEN AND CLOSE MESSAGES.

Figure 22-4 identifies the open, close, and date messages referred to in the respective operating procedures for the remote devices.

22.16 ESTABLISHING A PASSWORD FOR FILE SECURITY.

a. An AFO may establish a password/privacy key (8-position alphanumeric code, spaces acceptable). Use of the password prevents a remote device from being opened for an AFO without the established password. The use of a password is optional. If the password is not used, a remote can be opened for any AFO code. The establishment of a password can only be performed by the system administrator (user type "S"). To establish a password, enter the following:

PASSWORD,OXXXXXXXX (O--enter the appropriate AFO-ID; XXXXXXXX--

enter an 8-digit alphanumeric password).

Password may be established any time after the OP-AFO,X (X = AFO 0 through 9) message, but prior to the CL.

b. After an AFO has established a password, it must be used each time the remote is opened. The open message must be entered as follows:

OP-AFO,O XXXXXXXX (O--enter appropriate AFO-ID; XXXXXXXX--enter the password established for this AFO or leave blank for those AFOs not using a password).

c. An AFO using a password may change or delete the password as required. This function can only be performed by the system administrator (user type "S"). To change or delete a password, enter the following:

PASSWORD,OXXXXXXXX YYYYYYYY (O--enter the appropriate AFO-ID; XXXXXXXX--enter the new password to be established for this AFO or leave blank and the existing password will be deleted; YYYYYYYY--enter the existing password as established for this AFO).

d. If the password is forgotten, contact the Field Assistance Branch (FAB) at DSN 596-5771, to receive instructions on querying the password.

e. If the password becomes garbled due to a computer malfunction, clear the password by executing program NBQZ00, option 3. Once program NBQZ00 has finished, use the procedures outlined in this paragraph to reestablish the password.

f. Other messages used to open or close a remote device are not changed.

22.17 CONTROL MESSAGES--INPUT.

The following describe the various input messages pertaining to systems control:

<u>INPUT MESSAGE</u>	<u>EXPLANATION</u>	<u>OPERATOR ACTION</u>
*OPEN	First message to systems control after signon/logon procedures.	Await reply.
<u>INPUT MESSAGE</u>	<u>EXPLANATION</u>	<u>OPERATOR ACTION</u>

OP-STATUS	Message input from the first remote opening for the business day. This message must be input before any remote can be opened for an AFO.	Await reply.
OP-AFO,*	Message requests access to a specific AFO's files.	Await reply. (* = AFO-ID.)
BQ-STATUS	Inquiry can be requested from any remote during the online session to determine the status of the GAFS.	Await reply.
CL	Message is used when it is desired to change the dedication to a different AFO. Closes all except the last remote when all transactions have been processed for the business day.	Await reply.
CL-STATUS	Message is input from the last remote open for the day and closes the GAFS online system until an EOD has been processed.	Await reply.
*CLOSE	Message is input from all remotes at the close of a business day. This terminates communication with the computer until an *OPEN is processed.	Await reply.

22.18 CONTROL MESSAGES--OUTPUT.

The various output control messages are as follows:

<u>REMOTE DISPLAY</u>	<u>EXPLANATION</u>	<u>OPERATOR ACTION</u>
SYSTEM DEDICATED TO FYDDD (F = SYSTEM DESIGNATOR AND YDDD = JULIAN DATE)	Message is a result of entering OP-STATUS and all scheduled processing is complete, and system is ready for new day's business.	The next input to the remote should be OP-AFO,X (X = AFO-ID).
OP-STATUS REJ SYSTEM DEDICATED TO FYDDD	Indicates the OP-STATUS has been processed for the second time, and the system is already active, or proper close procedures were not followed on the previous day, and EOD has not been accomplished.	Verify the YDDD in the reject notice is the current day. If it is the current day, continue with the daily processing. If it is a previous day, contact DECC and request EOD processed.
OP-STATUS ALREADY PROCESSED OP- STATUS REQUEST OP-STATUS REJ "A&F EOD PROCESSING NOT COMPLETE"	Indicates the OP-STATUS has been accepted and the system is active. Also, the EOD has not been completed and current day's business cannot be processed.	Contact the DECC for information or status on the requested system.
OP STATUS PROCESSED. DATE IS _____. "NO A&F PROCESSING PENDING"	Indicates any scheduled processing is completed, and system is ready for new day's business.	
"DISK CHECK SUBSYSTEM PROCESSING"	Indicates processing is not completed, or has aborted.	Contact the DECC for status on the particular subsystem.
"DISK CHANGE SUBSYSTEM PROCESSING"		
<u>REMOTE DISPLAY</u>	<u>EXPLANATION</u>	<u>OPERATOR ACTION</u>

"END OF MONTH
SUBSYSTEM
PROCESSING"

"YEAREND
PROCESSING FOR
TABLE
TRANSACTIONS"

"BASE CLOSURE
PROCESSING"

"END-OF-DAY
PROCESSING"

"INVALID BATCH
- CONTROL
FLAG"

"DATABASE
TRANSFER IS
PROCESSING"

"CONSOLIDATE-
RELINK PROC-
ESSING"

"PREVIOUS
BUSINESS DAY
(date)"
"CURRENT
BUSINESS DAY
(date)"

Displays the date the previous GAFS business occurred, and the current date that will be used for GAFS processing.

Verify the date in the message, is in fact, the date of last GAFS processing. If it is not, contact the DECC for recovery processing. Verify the date in the message is the date to be used for current GAFS processing. If not, follow prompts to select date.

REMOTE DISPLAY

EXPLANATION

OPERATOR ACTION

OP-STATUS "INTERFACE PENDING" "DIRECT INPUT" "CIV PAY" "MIL PERS" "MATERIEL" "IWIMS" "A POS 80" "FOREIGN CURRENCY" "BASE CLOSURE" "CONVERSION"	Indicates the pseudo are ready to process.	This message should be followed by OP-AFO,X*PSTA, and *Start F1. This starts the pseudo processing during online.
OPEN FOR BUSINESS GO AHEAD PLEASE	Indicates the result of entering OP-AFO,X and that the system is ready for processing.	Start processing daily transactions.
OP-AFO REJ OP- STATUS HAS NOT BEEN PROCESSED	The system has not been opened.	OP-STATUS must be processed to open the system.
PID XXXX CLOSED FOR AFO* (XXXX = PID NBR, AND * = AFO-ID). TO RESUME PROCESS OP- AFO.	The is the result of the input CL that has closed a particular remote.	To resume processing operator must process OP-AFO,X.
BQ STATUS PID XXXX OPEN FOR AFO X (XXXX = PID NBR, AND X = AFO CODE)	Identifies the remotes that are open for business, and the AFO for which they are open.	No action required.
ALL REMOTES CLOSED	Identifies that no remotes are open for business for any AFO.	No action required.
DUAL COMP DATE (DATE)	Identifies the version date of the GAFS system being used.	No action required.
<u>REMOTE DISPLAY</u>	<u>EXPLANATION</u>	<u>OPERATOR ACTION</u>

GO AHEAD PLEASE	Identifies the system is ready for processing.	No action required.
CL REJ. PID NBR CLOSED. (XXXX = PID NBR)	Identifies the remote was already closed.	No action required.
CL-STATUS INTERFACE PENDING DIRECT INPUT (OR) CIV PAY (OR) MIL PER (OR) IWIMS (OR) MATERIEL (OR) A POS 80.	The CL-STATUS message may have a response of Interface Pending fol- lowed by one or all of the applicable pseudo.	Contact the DECC to make sure the pseudo processing can be completed before EOD.
CL-STATUS REJ PID XXXX OPEN FOR AFO*. (XXXX = PID NBR, AND * = AFO-ID)	Indicates CL-STATUS was input but a remote was still open.	Remote can be closed using CL, and followed by *CLOSE.
CL-STATUS ALREADY PROCESSED.		Input *CLOSE.
INVALID SYSTEM CLOSURE. SYSTEM HAS NOT BEEN OPEN FOR F.	Indicates that the GAFS has already been closed or was never opened.	
**DEVICE IS NOW CLOSED	Indicates that commu- nication with the com- puter has been termi- nated.	To begin communi- cation with the computer, enter *OPEN.

PREPARED 02 JAN 02

BQ SYSTEM HISTORY AND RECOVERY INFO

PCN SH069-131

NOTE: BQ SYSTEM CONTROL RECORD DATA IS:

CUR-POST-DTE =2002

BATCH-CNTRLS =0

1=DSKCHK 2=DSKCHG 3=EOM 4=YR-END 5=BASE-CLOSE

7=REC CONSOLIDATION 8=DBT

0=CLOSED 1=OPEN

ON-LINE-IND =0

13D-DTE-TIME =1365 0111

EOD-IND =0

0=COMPLETED 1=REQUIRED

HG-EOD =0

0=HG NOT SCHEDULED 1=HG IS SCHEDULED

CFY-1PY-2PY =210

PSEUDO-CTLS =1000000000

RCM-OFL-IND =1

0=OFF 1=ON

NOTE: SWITCH SETTINGS NOT DOCUMENTED IN DFAS-DE 7071.2-M
THEY ARE FOR INTERNAL CONTROL ONLY.

PGM	OPT	DATE	BOJ	EOJ	STATUS	VERSION	REMARKS
NBQ050		011231	2120	0600	00000001	970701	ZERO BALANCE DISK CHECK
NBQB20		011231	2111	2120	00000000	960130	SITE VALIDATION
NBQW20		011231	2110	2111	00000001	940926	TRVL MASS CHANGE INTERFACE
NBQ070		011231	1839	2109	00000000	980313	DUPLICATE RCD CONSOLIDATION
NBQJ40		011231	0101	0116	00010040	960314	TRANSACTION HISTORY UPDATE
NBQJ30		011231	0012	0048	00010000	970918	PSR/DSR EXTRACT
NBQJ00		011231	2323	0004	00010000	961121	MONTHLY MAFR REPORT
NHGD10		011231	2156	2213	00000000	970729	HG END OF DAY
NHGD10		011231	1959		00000000	970729	HG END OF DAY
NBQ165		011231	1934	1934	00020000	970422	CIVIL ENGINEER'S EXTRACT
NBQ130		011231	1911	1934	00020101	971120	BQ END OF DAY
PSEUDO		011231	1341	1342	00000000	971125	PSEUDO
PSEUDO		011231	1340	1341	00000000	971125	PSEUDO
ONLINE		011231	1209		00000000	971106	ONLINE SESSION
PSEUDO		011231	1047	1047	00000000	971125	PSEUDO
NHGD10		011231	0600	0648	00000000	970729	HG END OF DAY
NBQ165		011231	0536	0536	00020000	970422	CIVIL ENGINEER'S EXTRACT

Figure 22-2. BQ System History and Recovery Information (ABQ13PUNPL10).

TITLE: BQ OP-PSEUDO FORMAT

FILE-ID: ABQO9XUNDC10

<u>DESCRIPTION</u>	<u>POSITIONS</u>	<u>REMARKS</u>
Business Date	1-4	YDDD. See note 1.
	5	Blank.
Scheduled Completed Date	6-11	YYMMDD.
	12	Blank.
ZULU Time	13-16	HHMM. See note 2.
	17	Blank.
Programs	18-128	PPPPPP. See notes 3 and 4.

NOTE 1: This date is used as the business date for all transactions (online and pseudo) until CL-STATUS or EOD is processed. The date must be entered in Julian date format. The date selected may be the current business date or a date up to 5 days prior or 5 days after the current system's date. Enter dates in the current month only. Dates in a future or prior month are rejected.

NOTE 2: Programmatic monitoring of programs starts at the date and ZULU time indicated in positions 6-11 and 13-16. Each program listed in positions 18-128 must successfully finish after this date and ZULU time in order for the OP-PSEUDO to process.

NOTE 3: Positions 18-128 include 16 7-position fields, which allow up to 16 programs to be scheduled prior to starting the OP-PSEUDO. Enter programs in the format "PPPPPP" followed by a space (PPPPPP = the program name). For example: NBQPGM. At least one entry must be present in this control record. Only programs that update the database can be listed in these fields. See attachment 1. The order of execution does not have to be exact, but the date for any program in BQ history must be equal to or greater than the scheduled completion date and time in the control record.

NOTE 4: Programs listed in the control record are compared to the BQ history data in the database to determine if they completed successfully. If any program listed on the control record fails to reach a successful completion (normal EOJ), the OP-PSEUDO aborts. The pseudo file remains intact to allow processing at a later time. If a matching entry is not found for programs in the control record, OP-PSEUDO rejects.

Figure 22-3. Control Record--BQ OP-PSEUDO Format.

*OPEN

434 PID XXXX (PID NBR) DEVICE XX (DEVICE ID) NOW OPEN TO SYSTEM BQ

OP-STATUS

PGM ID	OPT	DATE	BOJ	EOJ	STATUS	VERSION	REMARKS
NBQS38	3	011231	1247	1247	00000000	980824	DATABASE DUMP-ABNORMAL
ONLINE		011231	0930	9999	00000000	980408	ONLINE SESSION
PSEUDO		011231	0918	1011	00000000	971125	PSEUDO
NHGD10		011231	0318	0457	00000000	980612	HG END OF DAY
NBQ165		011231	0257	0257	00020000	970422	CIVIL ENGINEER'S EXTRACT
NBQ130		011231	0200	0257	00020101	971120	BQ END OF DAY
PSEUDO		011231	2340		00000000	971125	ERROR FIN
PSEUDO		011231	1611		00000000	971125	ERROR FIN
ONLINE		011231	1150	9999	00000000	980408	ONLINE SESSION
PSEUDO		011231	0724	0759	00000000	971125	PSEUDO
NHGD10		011231	0319	0458	00000000	980612	HG END OF DAY
NBQ165		011231	0305	0305	00020000	970422	CIVIL ENGINEER'S EXTRACT
NBQ130		011231	0216	0305	00020101	971120	BQ END OF DAY
PSEUDO		011231	0009		00000000	971125	ERROR FIN
PSEUDO		011231	1414		00000000	971125	ERROR FIN

PREVIOUS BUSINESS DAY 2005. CURRENT BUSINESS DAY 2006.

IS THIS DATE CORRECT? (IF NO, ENTER DATE) YES: ___ NO: ___ DATE: _____ DISCONTINUE: ___

OP-STATUS (DATABASE NOT SYNCRONIZED)

REJ: * * * * * W A R N I N G * * * * *

A DATE/TIME MISMATCH EXISTS IN ONE OR MORE OF
YOUR PERMANENT DATABASE FILES. THIS CONDITION
MUST BE CORRECTED BEFORE ONLINE PROCESSING CAN
BEGIN. PLEASE REFER TO DFAS-DE 7071.2-M, SECTION 4,
FOR CORRECTIVE ACTION.

REJ: * * * * * W A R N I N G * * * * *

OP-AFO,0

400 OPEN FOR BUSINESS GO AHEAD PLEASE

BQ-STATUS

413 INTERFACE PENDING

416 MIL PERS

418 DIRECT INPUT

417 MATERIEL

REMOTE STATUS

401 REMOTE 1A OPEN FOR AFO 0

DTD 2005

425 DUEL COMP DATE 05 JAN 02

426 GO AHEAD PLEASE

Figure 22-4. Remote Devices Open and Close Messages.

CL

433 REMOTE 1A CLOSED FOR AFO 0 TO RESUME PROCESSING LOG IN PLEASE

CL-STATUS

413 INTERFACE PENDING

418 DIRECT INPUT

431 A AND F ON-LINE SESSION CLOSED DTD 2005

*CLOSE

434 PID XXXX (PID NBR) DEVICE XX (DEVICE ID) NOW CLOSED TO SYSTEM BQ