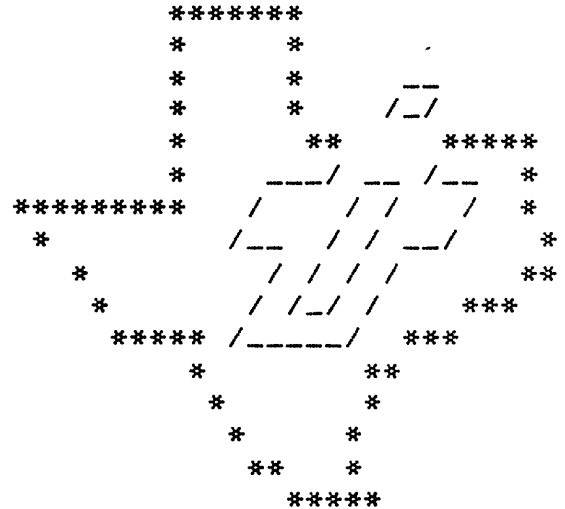


DATA SYSTEMS GROUP



D N O S  
D N C S / S N A B A T C H  
R E L E A S E A N D U P D A T E  
I N F O R M A T I O N

Release 1.0.0

Part Number 2539080-9901\*\*

30 August, 1985

Texas Instruments  
Incorporated

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## Section 1

## GENERAL INFORMATION

## 1.1 INTRODUCTION

This document contains information about the DNCS/SNA Batch (SBLU) product, release 1.0.0, that is not contained in the standard documentation associated with the object installation kit.

Subjects discussed in this document are special features or considerations that may be important for the proper installation and operation of the object package.

## 1.2 UPDATE INFORMATION

This is the first release of SBLU. There is no update information.

## 1.3 MEMORY REQUIREMENTS

Because SBLU uses features already available in the DNCS Job, it does not increase the memory used by the DNCS Job, except for the addition of a station for SBLU in the DNCS configuration.

The SBLU Job consists of a shared Procedure and seven tasks. The procedure and all of the tasks are rollable. BLURDR, BLUPUN, BLUPRT, and BLUOPR tasks are bid only when the associated SBLU function is active, and they terminate when that function is completed. The other tasks are bid when the SBLU Job is started, and remain bid during the life of the job. The following table describes the amount of memory required by each of the tasks in the SBLU Job:

Name	Size(bytes)	Type	Program file
BLUCS	11648	proc	<dncs vol>.\$DNCS.PGMTASK
BLUMGR	48656	task	<dncs vol>.\$DNCS.PGMTASK
BLUCON	7066	task	<dncs vol>.\$DNCS.PGMTASK
BLULOG	7552	task	<dncs vol>.\$DNCS.PGMTASK
BLURDR	8242	task	<dncs vol>.\$DNCS.PGMTASK
BLUPUN	6888	task	<dncs vol>.\$DNCS.PGMTASK
BLUPRT	9130	task	<dncs vol>.\$DNCS.PGMTASK
BLUOPR	12612	task	<dncs vol>.\$DNCS.PGMTASK

#### 1.4 DNOS BUFFER TABLE AREA REQUIREMENTS

The SBLU job never has more than two I/O operations issued to the DNCS IPC channel at one time. Support of these two operations requires 540 bytes of DNOS buffer table area. SBLU may use additional buffer table area as required to support SBLU I/O operations to DNOS I/O resources.

#### 1.5 START-UP PROCEDURES

You must start both DNCS and SBLU before jobs can be transmitted between SBLU and your application. If you want SBLU started each time the computer system is initialized, you can include the XDNCS and XBLU SCI commands in the DNOS initialization batch stream .S\$ISBTCH.

## Section 2

## KNOWN PROBLEMS

This section documents known problems that may be encountered in installing and operating the SBLU object package.

## 2.1 SOFTWARE

1. The SBLU operator program (BLUOPR) does not detect termination of the SBLU job until you attempt to enter a command from the terminal at which BLUOPR is running. When the ENTER key is pressed to pass information to the SBLU job from the BLUOPR command entry line, BLUOPR terminates. The following message appears in the log display area:

```
SBLU0903 E SVC ERROR <xxxx>, BLUOPR CANNOT ACCESS  
SBLU JOB, PRESS CMD TO EXIT
```

The SVC error code is indicated by the value of <xxxx>.

2. When the SBLU log file contains less than twenty lines, the BLUOPR page forward operation (requested via the F1 function key) causes one or more lines to be repeated in the log display area. You can clean up the log display area by pressing the F3 function key.
3. The SBLU log file may occasionally contain DNCS messages that are either out of sequence or inconsistent with current conditions in the SBLU job. Ignore any DNCS messages that conflict with SBLU messages.
4. The SBLU terminal command TRACE, which controls operation of the SBLU event trace facility, does not detect or report any errors which may occur during assignment of the trace logical unit number or use of the I/O resource associated with the trace file.
5. STR 19411 - SBLU does not recover properly after rejecting an invalid access name specified with an EXECUTE terminal command, or an invalid access name specified with a SEND terminal command in a stored job procedure. Subsequent EXECUTE and SEND commands are rejected. You can recover from this problem by terminating and restarting the SBLU job.

6. STR 19412 - If the RESUME terminal command is used to resume a previously suspended inbound data stream, SBLU processes the resumed data stream as application command data, regardless of the original data stream type.
7. STR 19414 - The CANCEL terminal command is accepted, but has no effect, for outbound data streams.
8. STR 19415 - If the SDLC data link is broken while SBLU is processing a DNCS SVQ request, the following message is sent to the SBLU log file:

```
SBLU0408 I SVQ <qqq> RECORD <rrrr> DELETED
```

This message normally indicates that the service queue request identified by record number <rrrr> has been removed from subqueue <qqq>. In this case, you should ignore this message. The service queue request remains in subqueue <qqq>, and is processed when the SDLC link is reestablished.

9. STR 19416 - SBLU is occasionally slow in completing requests. In these cases, processing is always completed normally after a slight delay.

## 2.2 DOCUMENTATION

Messages produced by SBLU SCI command procedures that are not documented in the `DNCS_DNCS/SNA_Batch_Users_Guide` are documented here.

### 2.2.1 QBLU (Enqueue SBLU Execute) Messages

The following messages have been defined for the QBLU SCI command:

ERROR: TRANSMISSION TIME MUST NOT EXCEED 2359

**Explanation:**

The value specified for TRANSMISSION TIME indicates a time later than 2359, which is not allowed on a 24-hour clock.

**User Action:**

Reenter the QBLU command with a valid transmission time.

## ERROR: FILE PATHNAME DOES NOT EXIST

## Explanation:

The value specified for ACCESS NAME is not a valid DNCS I/O resource name.

## User Action:

Reenter the QBLU command with a valid access name.

## ERROR: SBLU&lt;nn&gt; SERVICE QUEUE REQUEST FAILED

## Explanation:

QBLU was not able to enqueue this request in the DNCS service queue (SVQ) on subqueue number <nn>. This usually indicates that the DNCS SVQ file has not been created, the subqueue status is either not ACTIVE or not ACCEPT, or the DNCS SVQ file is full.

## User Action:

Use the DNCS SVQ utility QMGR, described in the DNCS *DNCS\_Operations\_Guide*, to display service queue status. If the REQUEST SPACES AVAILABLE count equals zero, the service queue is full and you must wait for space to become available. Other types of problems may be corrected via QMGR functions described in the DNCS *DNCS\_Operations\_Guide*.

## SBLU&lt;nn&gt; SERVICE QUEUE REQUEST SUCCESSFULLY ENTERED

## Explanation:

Your request has been successfully entered in the DNCS SVQ file on subqueue number <nn>.

## User Action:

No action is required.

## 2.2.2 TBLU (Terminate SBLU Emulator) Messages

The following messages have been defined for the TBLU SCI command:

## DNCS SBLU EMULATOR TERMINATED, JOB= BLU&lt;sss&gt;

## Explanation:

The SBLU job for station ID <sss> has been successfully terminated.

## User Action:

No action is required.

## SBLU TERMINATION ERROR &lt;nnnn&gt;

## Explanation:

SCI error <nnnn> was encountered during termination of the SBLU job.

## User Action:

Check the DNCS\_Messages\_and\_Codes\_Reference\_Manual to determine the exact problem and user action.

## 2.2.3 XBLU (Execute SBLU Emulator) Messages

The following messages have been defined for the XBLU SCI command:

## TIP ACCESS NAME DOES NOT EXIST

## Explanation:

The value specified for TIP ACCESS NAME is not a valid DNCS I/O resource name.

## User Action:

Reenter the XBLU command with a valid terminal initialization procedure (TIP) access name.

## \*\*\*\* SBLU STATION BLU&lt;sss&gt; ALREADY ACTIVE

## Explanation:

An SBLU job has already been started for station ID <sss>.

## User Action:

No action is required. If necessary, you can use the SCI command TBLU to terminate the SBLU job for station ID <sss>, then reenter the XBLU command.



### Section 3

#### PATCHES AND PATCH PROCEDURES

##### 3.1 PATCH UPDATE PROCEDURE

Patches are maintained by Texas Instruments and are available to customers from two sources - Customer Support Line and Patch Update Service. The Customer Support Line is able to provide patches on an as needed basis over the telephone or by communications link. Call (512)-250-7407 to get the latest patch files. Periodically, Texas Instruments will ship all current patches for the DNOS system family software to customers on the subscription service. Refer to the DNOS Products Patch Update Service Release Information for a list of the latest patches. In both cases, a detailed explanation will be provided on how to apply the patches to your system.

It is recommended that you call the Customer Support Line to get the latest patches prior to installation of the product.