



COSMOS OPERATOR CARD

ND-99.002.01 01/85

This card is written for COSMOS C release and XMSG I release.

The CONNECT-TO Subsystem

@CONNECT-TO
<SYSTEM NAME>

Connects you to the system specified. Push ESC and log in. To return to your local system, give the local character twice. Default is ASCII 0, which is CTRL @ on NOTIS terminals.

@CONNECT-TO

Enters the CONNECT-TO subsystem.

C-T: CONNECT-TO
<SYSTEM NAME>

Connects you to the system specified. Push ESC etc.

C-T: LIST-SYSTEMS
<SYSTEM NAME>

Lists information about the specified computer system or all systems in your network.

C-T: LIST-TIMEOUT-VALUES

Default 1 minute if you are not logged in, 30 minutes if you are logged in. If you do not touch your keyboard for that period of time, you will be disconnected.

C-T: SERVICE-PROGRAM

Makes it possible to give CT-SERV commands.

CT-SERV: CHANGE-CONNECT-TYPE <DESIRED TAD-TYPE>	Can be used before DUMP-PROGRAM. Your new CONNECT-TO program will connect you to the desired TAD-type.
CT-SERV: DUMP-PROGRAM <PROG-FILE>	Makes changes permanent. A new CONNECT-TO program is dumped.
CT-SERV: INITIALIZE-SCRIPT <SCRIPT FILE NAME>	Can be used before DUMP-PROGRAM. Scripts allow you to create your own CONNECT-TO.
CT-SERV: RECONNECT-TAD <TAD LOGICAL UNIT NO.> <SYSTEM NAME> <SYSTEM PASSWORD>	Enables you to finish a previous session with a TAD in case the connection has been lost.
CT-SERV: SET-COMMAND-PROTECTION <COMMAND NAME> <PROTECTION>	Determines who can use a command. Can be used before DUMP-PROGRAM.
CT-SERV: SET-TIMEOUT-VALUES <NOT LOGGED IN> <ACTIVE>	These 3 timeout commands can be used before DUMP-PROGRAM.
CT-SERV: TIMEOUT-OFF CT-SERV: TIMEOUT-ON	

The following SINTRAN commands are used for TAD administration:

@START-TADADM	Enables users to CONNECT-TO this system.
@STOP-TADADM	System unavailable for remote connections.
@TADADM	Gives TAD statistics.

The File Transfer Subsystem

@TRANSFER-FILE <TO> <FROM>	<To> and <From> are file names. Use the same syntax for <COSMOS-identifier> as in Remote Backup.
@TRANSFER-FILE	Enters the File Transfer subsystem.
F-T: LIST-NAMES <SYSTEM NAME OR NO.>	Lists XROUT's name table.
F-T: SET-ADVANCED-MODE	Enables you to give the following commands:
F-T(ADV): CHECKOUT <REMOTE SYSTEM (REMOTE-USER)> <NO. OF PAGE TRANSFERS>	Checks the File Transfer system by transferring dummy data to the remote system. There is no space in the first parameter.
F-T(ADV): DEFINE-TRANSFER-CONDITIONS <NUMBER OF BUFFERS> <SIZE IN BYTES> <SECURE MESSAGES?>	May be useful for transferring files on a Wide Area Network.
F-T(ADV): GET-ERROR-MESSAGE <DECIMAL ERROR VALUE>	Lists XMSG error message corresponding to the specified error value.

FILE SERVER ADMINISTRATOR

- @FS-ADMINISTRATOR** Enters the File Server Administrator.
- FSA: ABORT-SERVER**
<SERVER NUMBER> Quick stop of the server. For controlled stop, use TERMINATE-SERVER.
- FSA: CLOSE-FAC <SERVER NO.> <CONNECTION ID.>**
- FSA: DISCONNECT-SERVER**
<SERVER NUMBER> Use this if neither TERMINATE-SERVER nor ABORT-SERVER works.
- FSA: LIST-OPEN-FACS <SERVER NUMBER>**
- FSA: LIST-SERVERS** Lists the state of all the servers.
- FSA: ND-100-MODE** This is the default mode.
- FSA: ND-500-MODE** Requires the FA-500-SERVER.
- FSA: SELECT-FSA**
<SYSTEM NAME>
<SYSTEM PASSWORD>
<PROJECT PASSWORD> Selects target system for supervision. Must be the first command.
- FSA: SERVER-STATUS**
<SERVER NO.> Status info. from specified server.
- FSA: START-SERVERS <NO. OF SERVERS> <NO. OF FACS>**
- FSA: TERMINATE-SERVER**
<SERVER NO.> Controlled shutdown of server.

The COSMOS Spooling Service

@COS-SPOOL-SERVIC	Enters spooling service program.
C-S-S: CHANGE-PASSWORD <REMOTE SYSTEM NAME> <PASSWORD>	Must be done if FLOPPY-USER on remote system has a password.
C-S-S: DEFINE-PRINTER <LOCAL SPOOLING FILE> <REMOTE SYSTEM NAME> <REMOTE PRINTER NAME> <EXTRA HEADER?> <NO. OF LOCAL SPOOLING FILES>	
C-S-S: DELETE-PRINTER <LOCAL PRINTER NAME>	
C-S-S: GET-ERROR-MESSAGE <DECIMAL ERROR VALUE>	Translates error from LIST-SERVER-ERRORS.
C-S-S: GET-FILE-STATISTICS	Statistics about last file transferred.
C-S-S: LIST-ALL-COMMANDS	Also lists the advanced commands.
C-S-S: LIST-NAMES <SYSTEM NAME>	Lists XROUT's name table.
C-S-S: LIST-PRINTERS	Gives table of defined printers.
C-S-S: LIST-SERVER-ERRORS	Lists info. about files that could not be transferred.

Example

This command defines a local name for a remote printer PHILIPS on the system SOUTH. You can refer to it as NICE-PRINT from your system:

C-S-S: DEFINE-PRINTER NICE-PRINT, SOUTH,PHILIPS,Y,2 ↵

This defines DP-55 on NORTH as your default remote printer:

C-S-S: DEFINE-PRINTER,,NORTH,DP-55,Y,2 ↵

MISCELLANEOUS

The following SINTRAN-SERVICE commands are used in COSMOS supervision:

****START-XMSG***

****STOP-XMSG***

****DEFINE-PROMPT-STRING***

****DEFINE-HDLC-BUFFER***

****LIST-HDLC-BUFFER***

Changes HDLC buffer size. It functions without a warm start.

To check a link you may use:

@(UTILITY)XMSG-HDCL-TEST

The XMSG-COMMAND program

- @(UTILITY)XMSG-COMMAND** Enters the XMSG-COMMAND program.
- X-C: DEFINE-LOCAL-SYSTEM** No longer necessary.
- X-C: DEFINE-REMOTE-NAME** Must be used for every system you need access to. Should also be used for your local system.
<DUMMY>
<SYSTEM NAME>
<SYSTEM NO.>
- X-C: DEFINE-SYSTEM-ROUTE** Must be used for every system you need access to.
<DUMMY> <SYSTEM>
<VIA SYSTEM>
- X-C: GET-ERROR-MESSAGE** Displays the error message equivalent to the XMSG error value.
<DECIMAL ERROR VALUE>
- X-C: GET-SYSTEM-NAME-OR-NUMBER** Converts from system name to number or from number to system name.
<XROUT SYSTEM>
<SYSTEM>
- X-C: LIST-LINKS,,,** Lists status for all the links.
- X-C: LIST-NAMES** Lists XROUT's name table.
<XROUT SYSTEM>
- X-C: LIST-SERVICE-PORTS** List names of connection ports.
<XROUT SYSTEM>
- X-C: LIST-ROUTING-INFO** <FROM SYSTEM> <TO SYSTEM>
- X-C: REMOVE-SYSTEM** The opposite of DEFINE-SYSTEM-ROUTE.
<DUMMY>
<SYSTEM NAME>
- X-C: START-LINK** <LOGICAL UNIT NO.> <TIMEOUT>
<WINDOW SIZE> <MAX. NO. OF ATTEMPTS> <DUMMY>
- X-C: STOP-LINK** <LOGICAL UNIT NO.> <DUMMY>

The following commands deal with automatic restart of XMSG:

X-C: AUTO-RESTART-ON
X-C: AUTO-RESTART-OFF
X-C: DEFINE-RESTART-FILES
X-C: REMOVE-RESTART-FILES
X-C: LIST-RESTART-FILES

Example of START-LINK:

X-C: START-LINK 1360,,, -1,, ↙

The link with logical unit number 1360 is started. If the link goes down, XMSG restarts it automatically since <Max. No. of attempts> is -1. For the other parameters XMSG uses default values from the configuration. We recommend that you start a link in this way. The only parameter that will vary is <Logical unit no.>.

REMOTE BACKUP

The BACKUP-SYSTEM may be used between systems. Use the COPY-USERS-FILES command and apply the <COSMOS-identifier> to the source and/or destination directory parameter. If you use VOLUME, apply the <COSMOS-identifier> to a device name.

<COSMOS-IDENTIFIER> consists of:

<SYSTEM> (<REMOTE-USER> (<PASSWORD>)).

Example:

SOURCE DIRECTORY NAME: MINI(SUE(XYZ)).PACK-TWO ↙

If you run the accounting system, you also need the project password as a part of the <COSMOS-identifier>.



Olaf Helsetts vei 5,
P.O.Box 25, Bogerud,
N-0621 OSLO 6, NORWAY
Tel.: +47 2 29 54 00