CA-IDMS®

System Generation Quick Reference

15.0

Computer Associates™

First Edition, December 2000

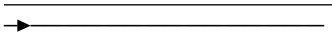
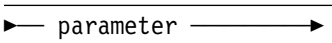
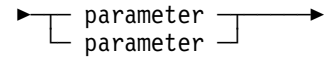
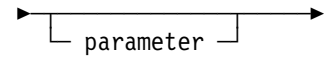
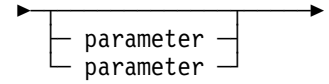
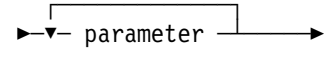
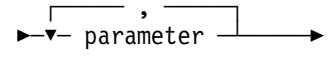
Contents

How to Use This Guide

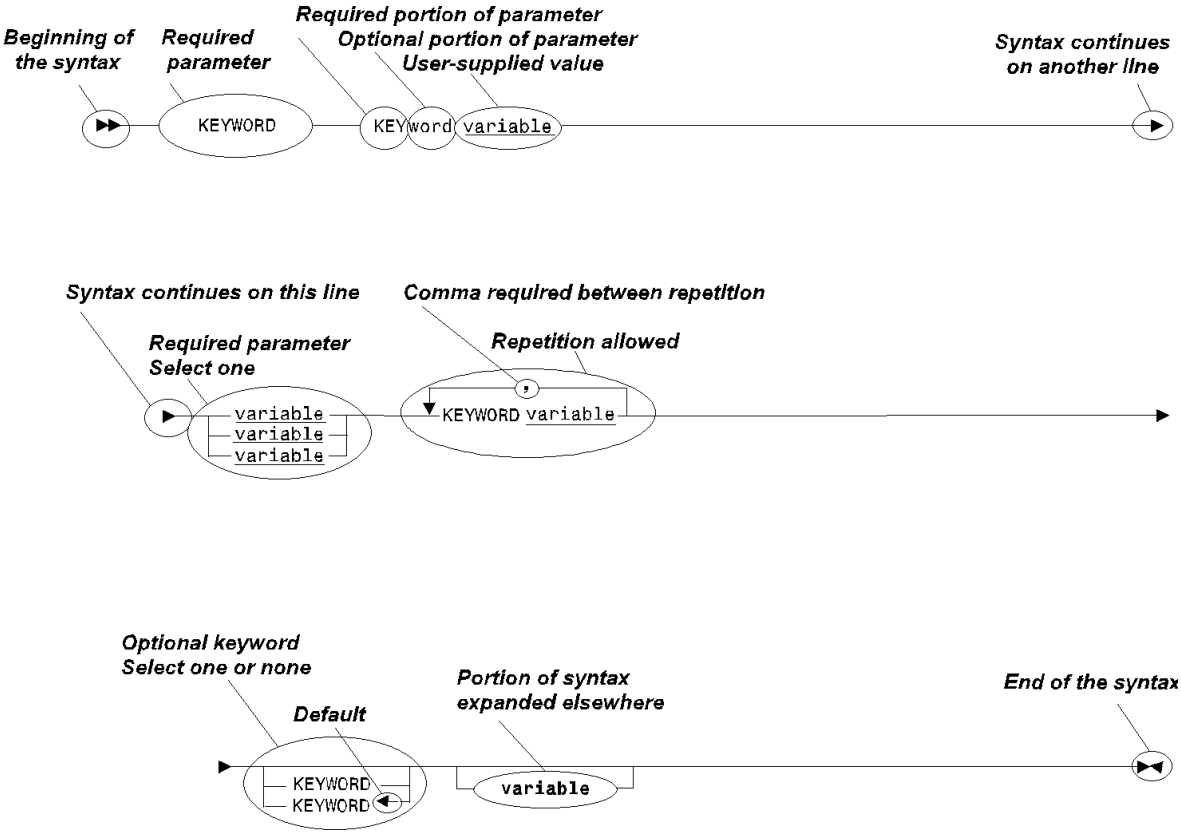
This quick reference applies to Release 15.0 of CA-IDMS and accompanies *CA-IDMS System Generation*.

Understanding Syntax Diagrams

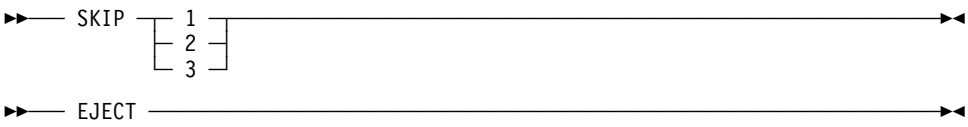
Look at the list of notation conventions below to see how syntax is presented in this manual. The example following the list shows how the conventions are used.

UPPERCASE OR SPECIAL CHARACTERS	Represents a required keyword, partial keyword, character, or symbol that must be entered completely as shown.
lowercase	Represents an optional keyword or partial keyword that, if used, must be entered completely as shown.
underlined lowercase	Represents a value that you supply.
←	Points to the default in a list of choices.
lowercase bold	Represents a portion of the syntax shown in greater detail at the end of the syntax or elsewhere in the document.
	Shows the beginning of a complete piece of syntax.
	Shows the end of a complete piece of syntax.
	Shows that the syntax continues on the next line.
	Shows that the syntax continues on this line.
	Shows that the parameter continues on the next line.
	Shows that a parameter continues on this line.
	Shows a required parameter.
	Shows a choice of required parameters. You must select one.
	Shows an optional parameter.
	Shows a choice of optional parameters. Select one or none.
	Shows that you can repeat the parameter or specify more than one parameter.
	Shows that you must enter a comma between repetitions of the parameter.

Sample Syntax Diagram

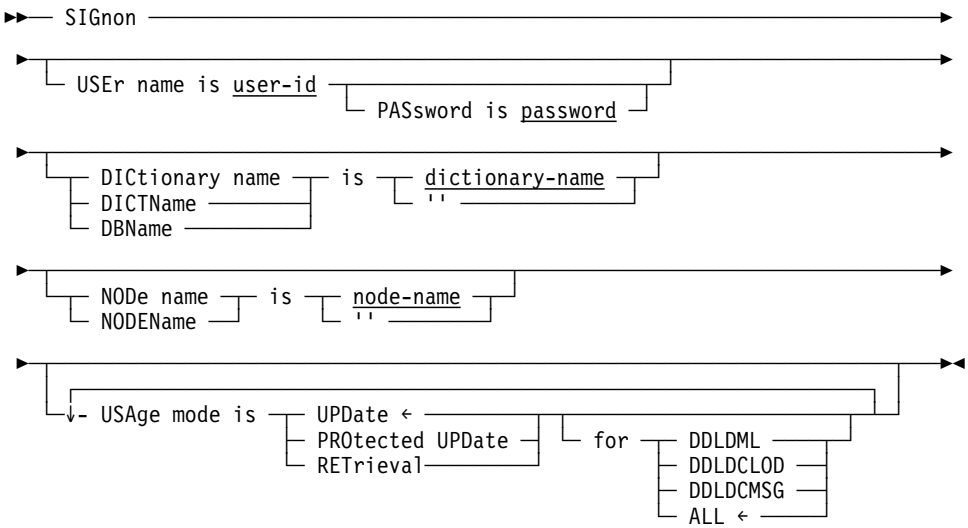


Chapter 1. Carriage Control Statements

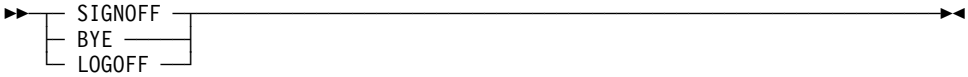

SKIP
1
2
3
EJECT

Chapter 2. Compiler-Directive Statements

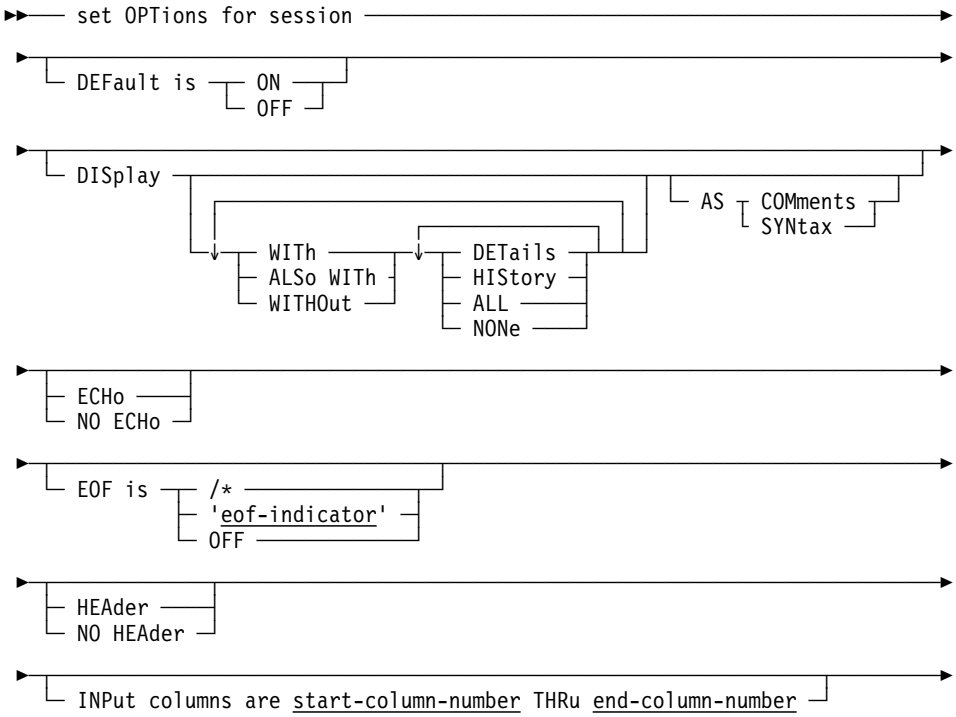
2.1.1 SIGNON

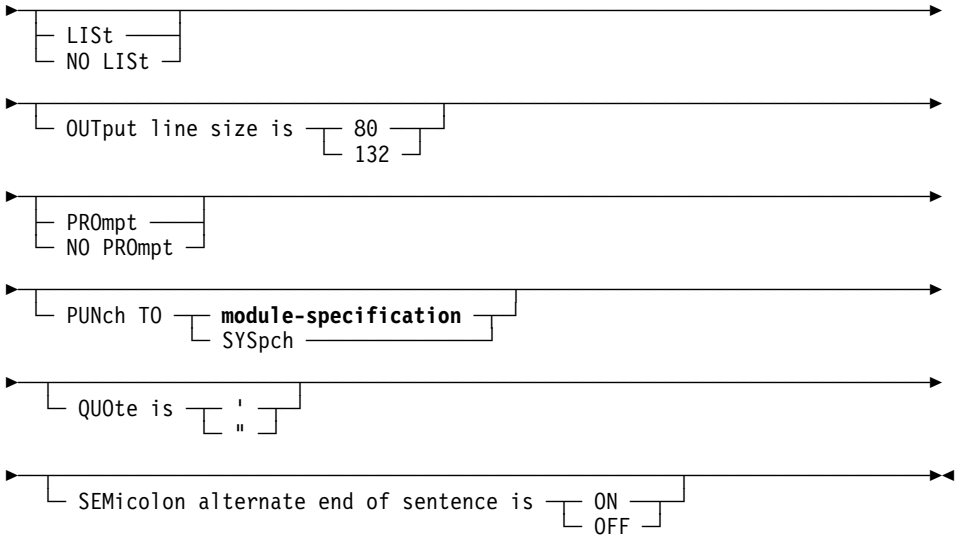


2.1.2 SIGNOFF

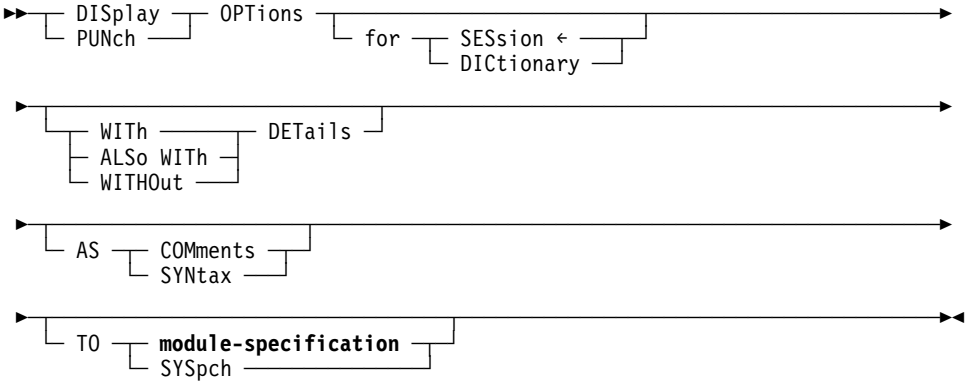


2.1.3 SET OPTIONS

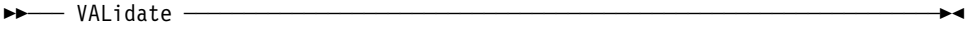




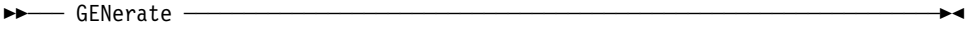
2.1.4 DISPLAY/PUNCH OPTIONS



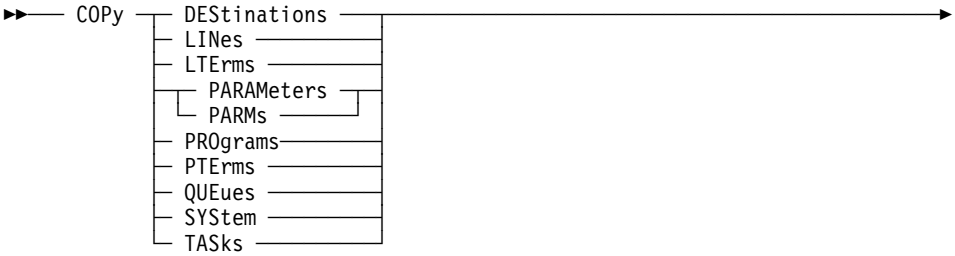
2.1.5 VALIDATE

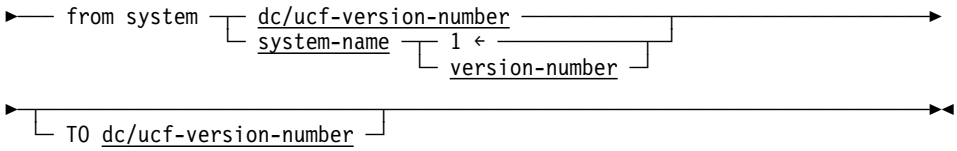


2.1.6 GENERATE

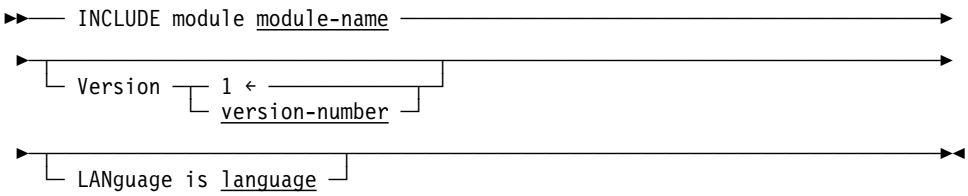


2.1.7 COPY

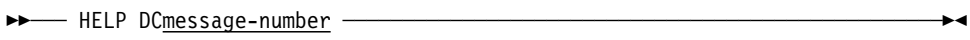



from system
dc/ucf-version-number
system-name
1
version-number
TO dc/ucf-version-number

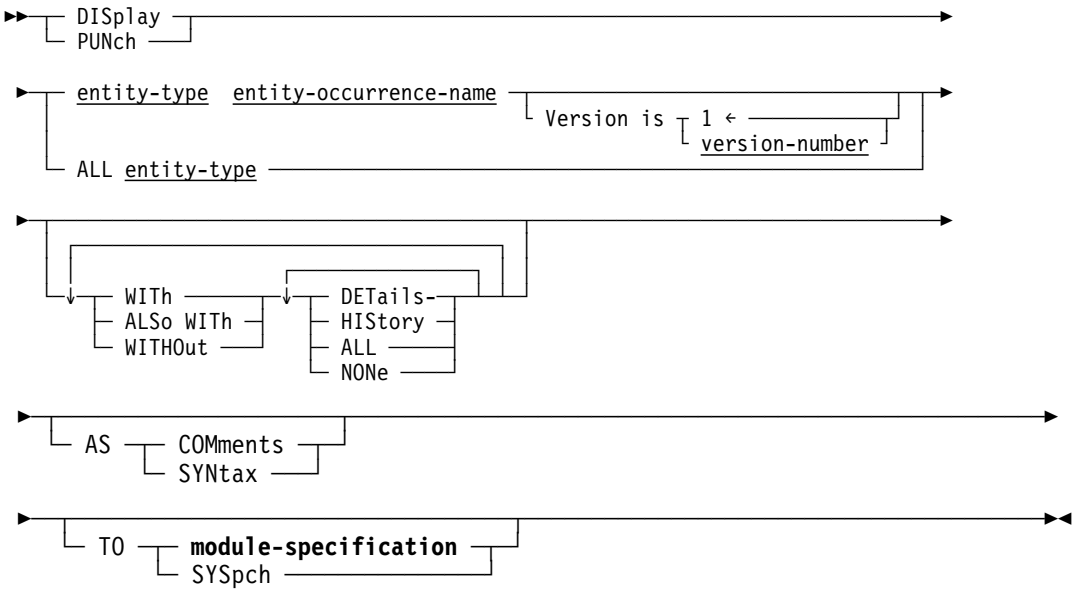
2.1.8 INCLUDE


INCLUDE module module-name
Version
1
version-number
LANguage is language

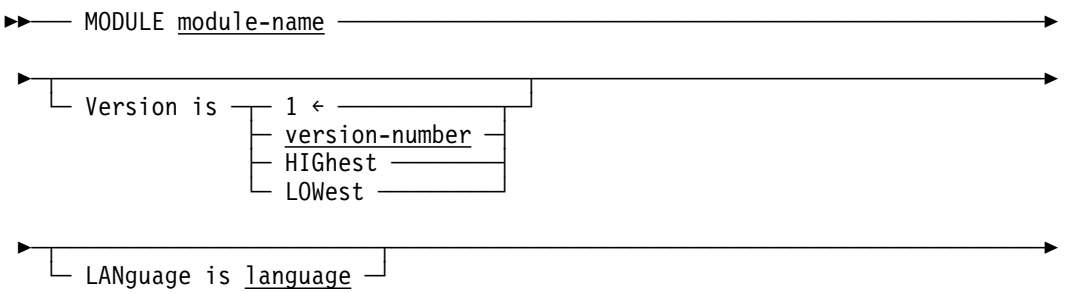
Chapter 3. Compiler Messages


HELP DCmessage-number

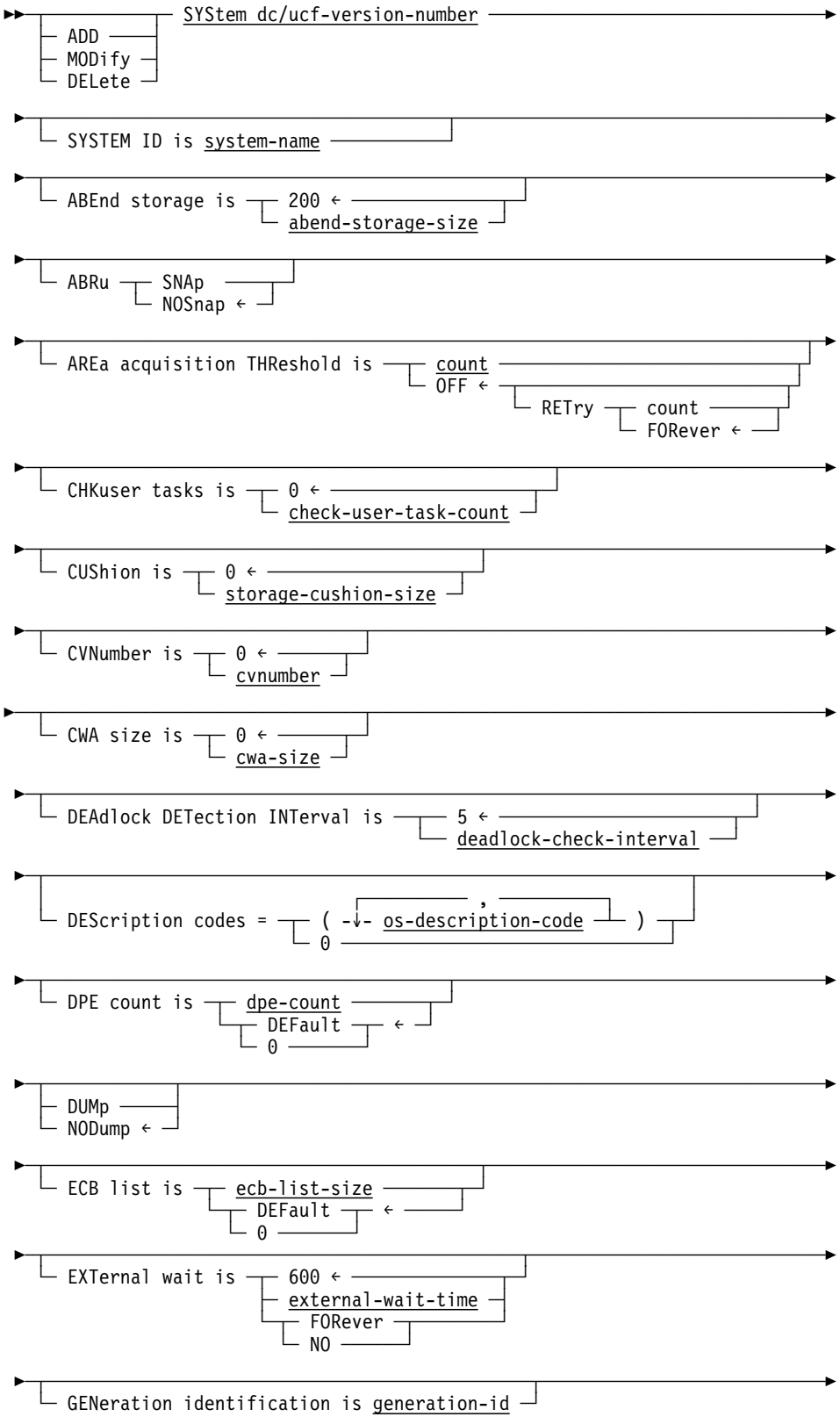
Chapter 4. DISPLAY and PUNCH Statements

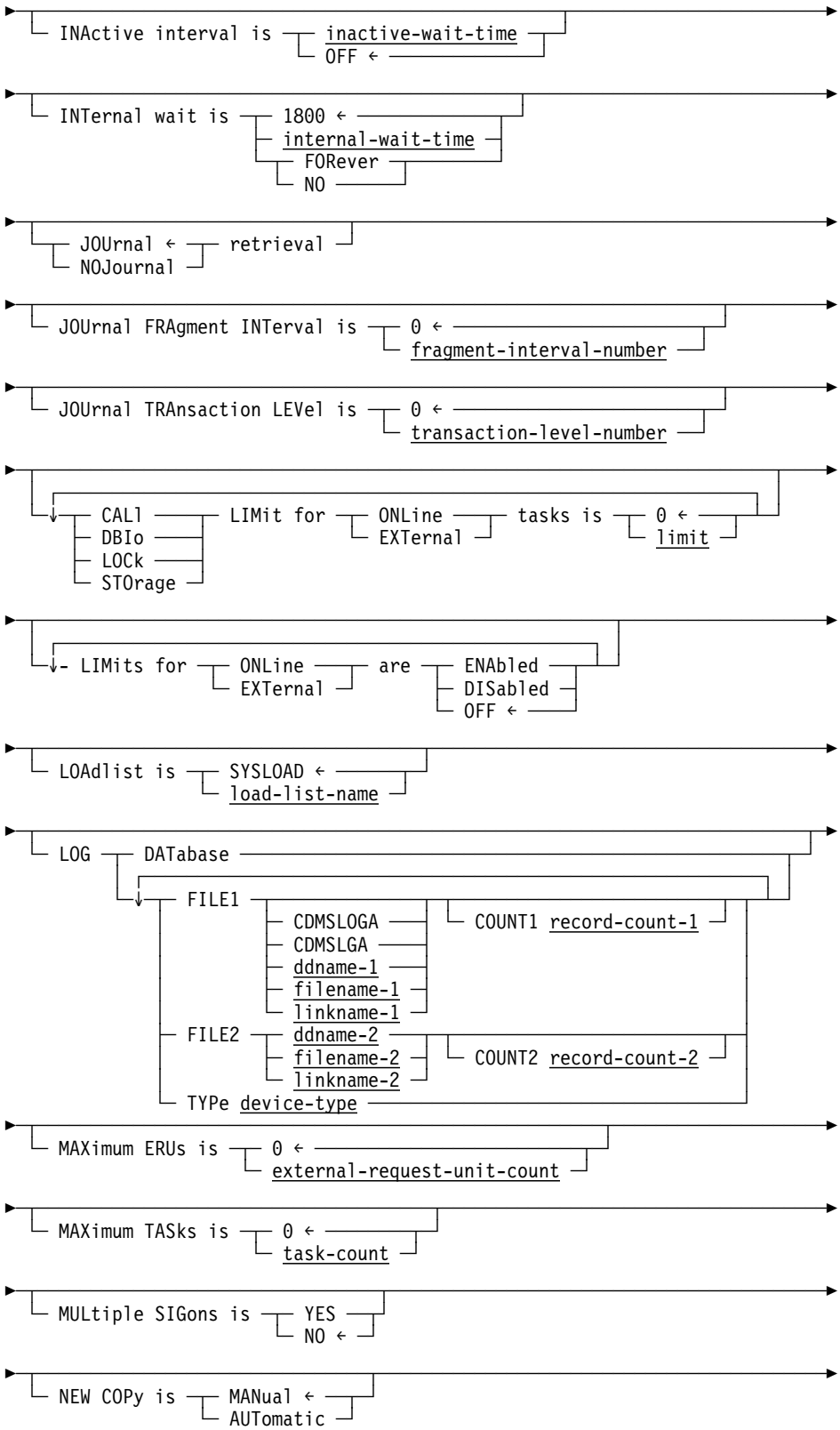


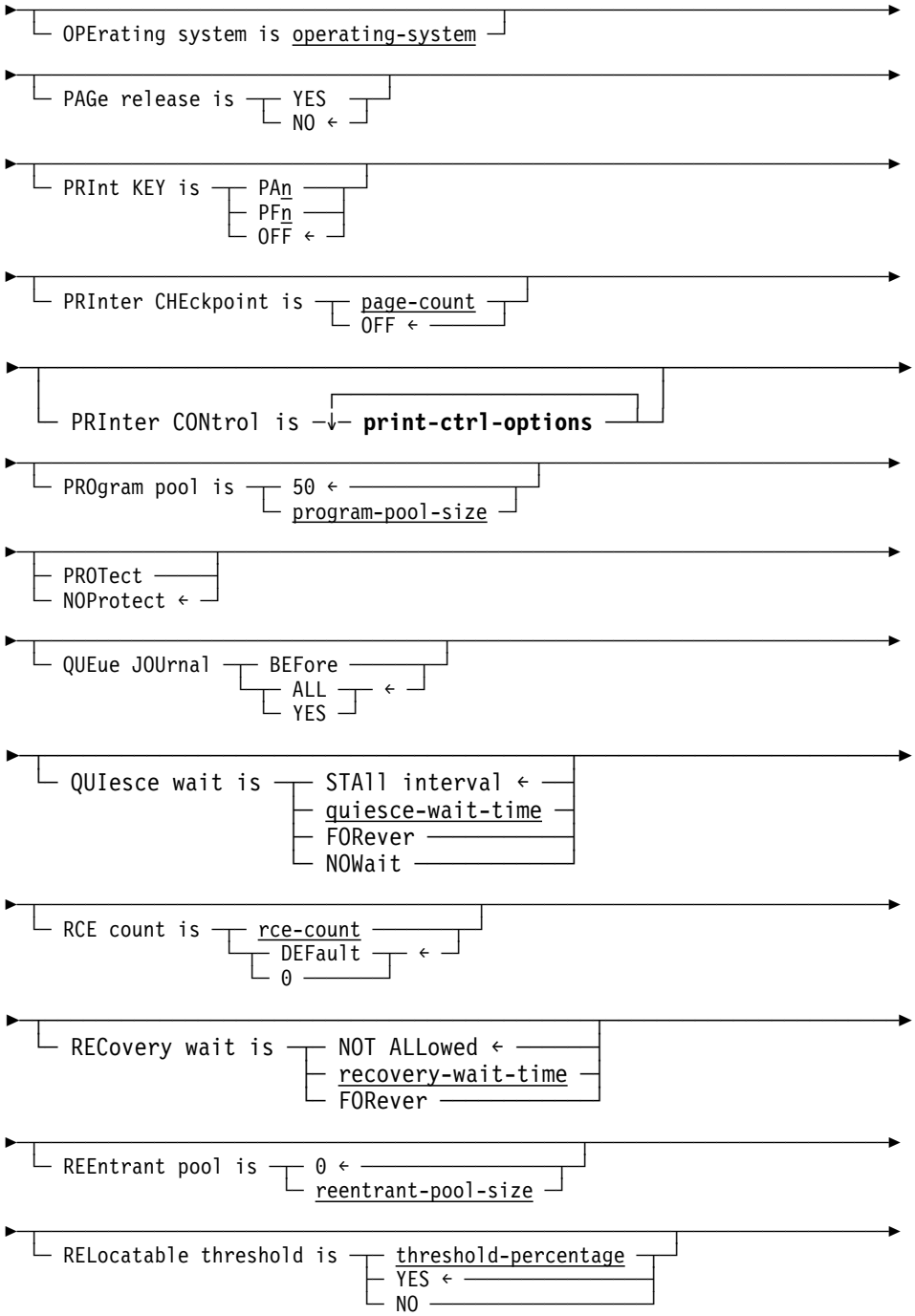
Expansion of module-specification



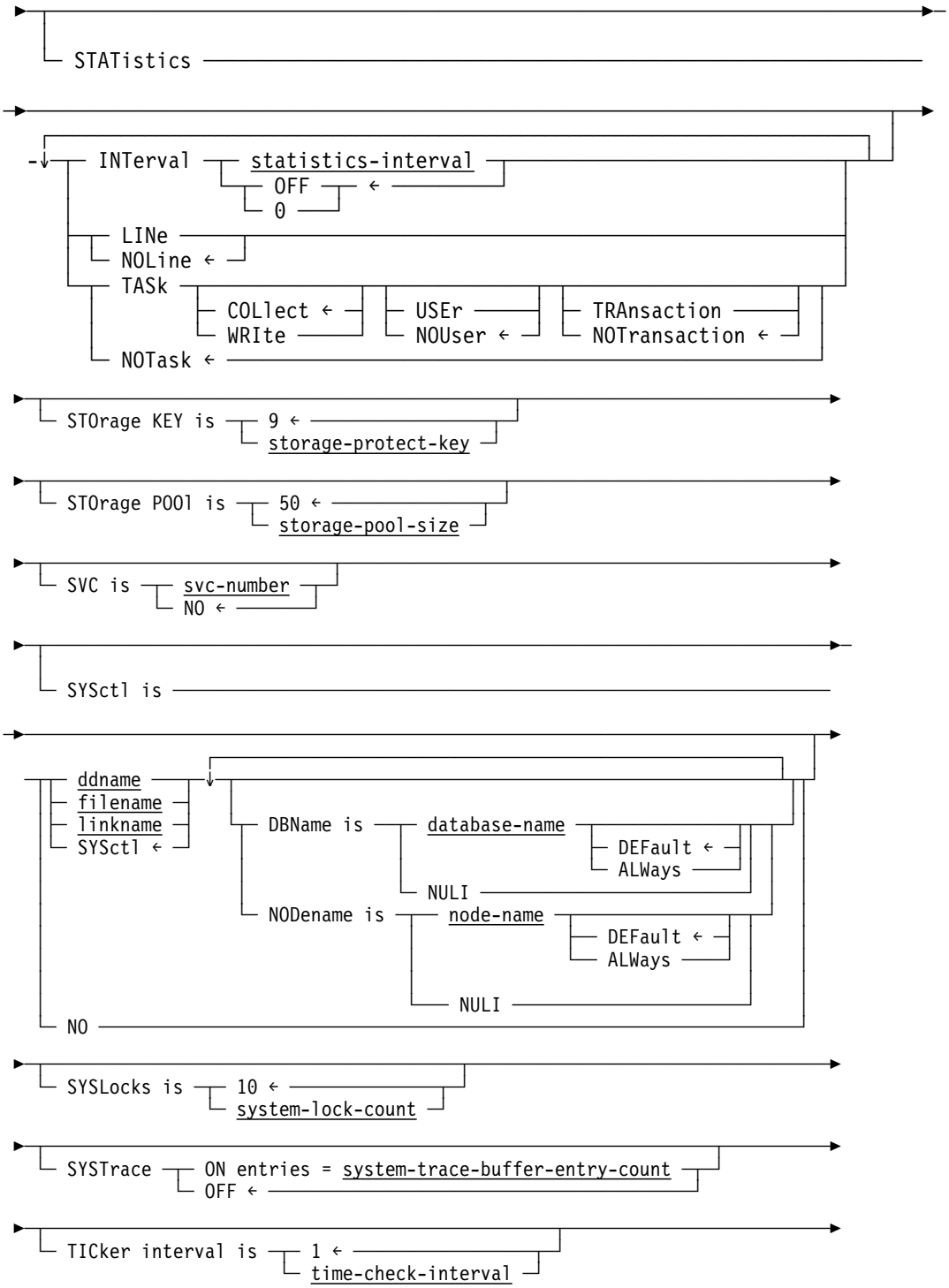
Chapter 5. SYSTEM Statement

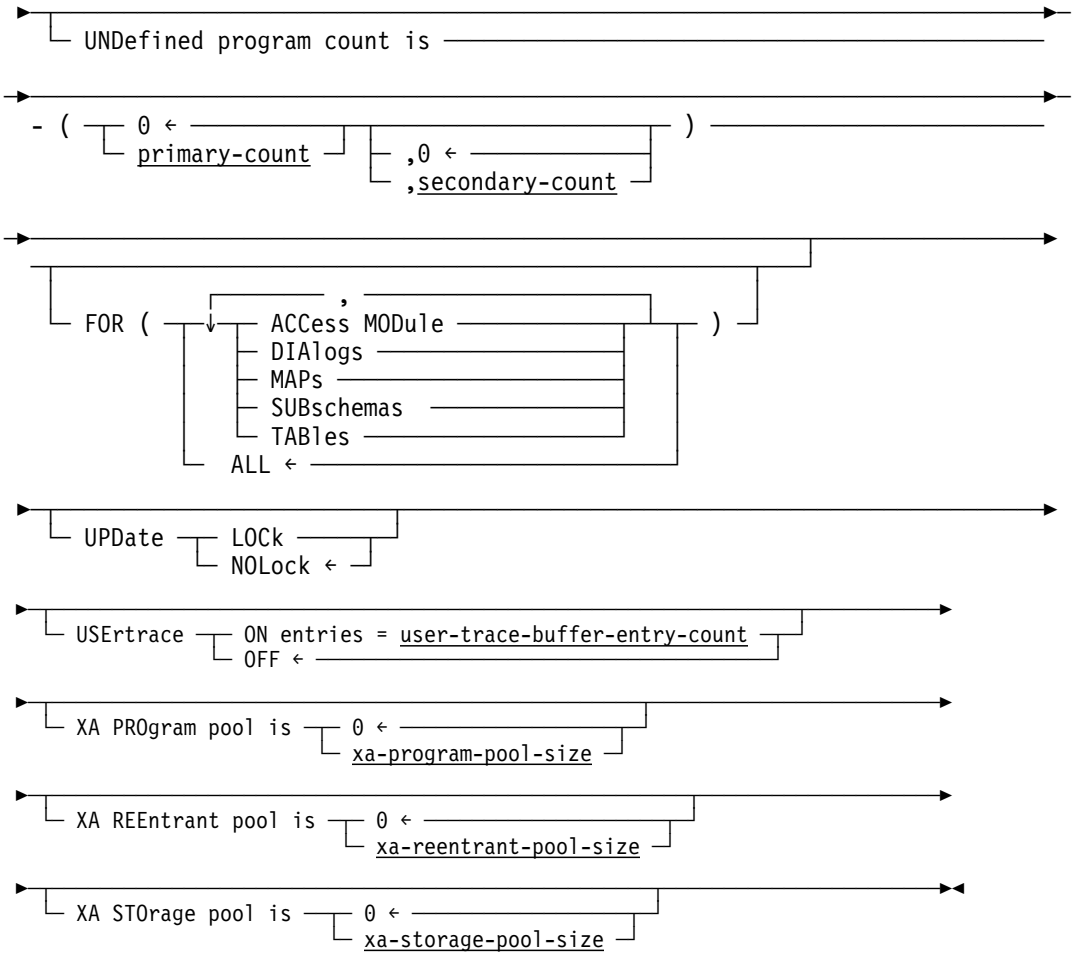

SYStem dc/ucf-version-number
ADD
MODify
DELete
SYSTEM ID is system-name
ABEnd storage is
200 ←
abend-storage-size
ABRu
SNAp
NOSnap ←
AREa acquisition THReshold is
count
OFF ←
RETry
count
FORever ←
CHKuser tasks is
0 ←
check-user-task-count
CUShion is
0 ←
storage-cushion-size
CVNumber is
0 ←
cvnumber
CWA size is
0 ←
cwa-size
DEAdlock DETection INTerval is
5 ←
deadlock-check-interval
DEScription codes =
(
os-description-code
)
0
DPE count is
dpe-count
DEFault
←
0
DUMp
NODump ←
ECB list is
ecb-list-size
DEFault
←
0
EXTernal wait is
600 ←
external-wait-time
FORever
NO
GENeration identification is generation-id


INActive interval is
inactive-wait-time
OFF
INTernal wait is
1800
internal-wait-time
FORever
NO
JOUrnal
NOJournal
retrieval
JOUrnal FRAgment INTerval is
0
fragment-interval-number
JOUrnal TRAnsaction LEVel is
0
transaction-level-number
CALl
DBIo
LOCk
STOrage
LIMit for
ONLine
EXTernal
tasks is
0
limit
LIMits for
ONLine
EXTernal
are
ENAbled
DISabled
OFF
LOAdlist is
SYSLOAD
load-list-name
LOG
DATabase
FILE1
CDMSLOGA
CDMSLGA
ddname-1
filename-1
linkname-1
COUNT1 record-count-1
FILE2
ddname-2
filename-2
linkname-2
COUNT2 record-count-2
TYPe device-type
MAXimum ERUs is
0
external-request-unit-count
MAXimum TASks is
0
task-count
MULtiple SIGons is
YES
NO
NEW COPy is
MANual
AUTomatic

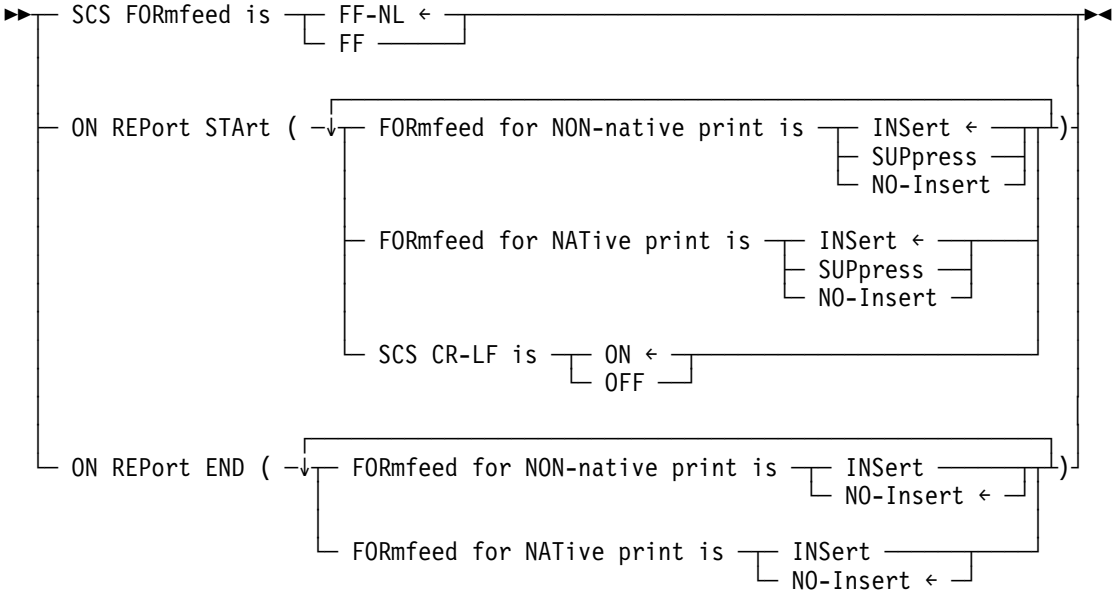

OPErating system is operating-system
PAGe release is YES NO ←
PRInt KEY is PAn PFn OFF ←
PRInter CHEckpoint is page-count OFF ←
PRInter CONtrol is print-ctrl-options
PROgram pool is 50 ← program-pool-size
PROTect NOProtect ←
QUEue JOUrnal BEFore ALL ← YES
QUIesce wait is STAll interval ← quiesce-wait-time FORever NOWait
RCE count is rce-count DEFault ← 0
RECovery wait is NOT ALLowed ← recovery-wait-time FORever
REEntrant pool is 0 ← reentrant-pool-size
RELocatable threshold is threshold-percentage YES ← NO


REPort retention is
7 ←
report-retention-period
FORever
OFF
RESource timeout
INTerval is
resource-timeout-interval
FORever ←
OFF
PROgram is
RHDCBYE ←
resource-timeout-prog-name
Version
1 ←
version-num
RETrieval
LOCk
NOLock ←
RLE count is
rle-count
DEFault ←
0
ROUte codes =
(os-routing-code)
,
0
RUNaway interval is
10 ←
runaway-task-time
OFF
RUNUnits for
LOAder
MSGdict
QUEue
SECurity
SIGnon
SYStem/dest
= 1 ←
run-unit-count
SCRatch in XA STOrage is
NO ←
YES
STAcksize is
1200 ←
tce-stack-size

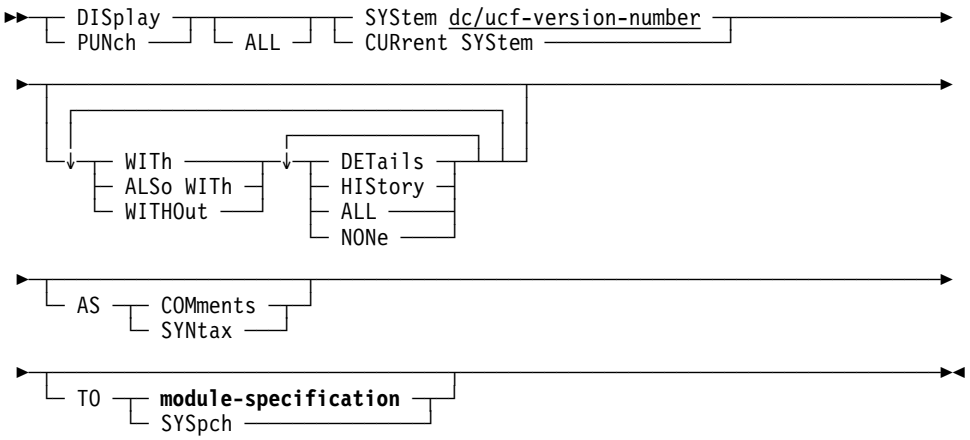

STATistics
INTerval
statistics-interval
OFF
0
LINe
NOLine
TASk
COLlect
WRIte
USEr
NOUser
TRAnsaction
NOTransaction
NOTask
STOrage KEY is
9
storage-protect-key
STOrage POOl is
50
storage-pool-size
SVC is
svc-number
NO
SYSctl is
ddname
filename
linkname
SYSctl
DBName is
database-name
DEFault
ALWays
NULI
NODename is
node-name
DEFault
ALWays
NULI
NO
SYSLocks is
10
system-lock-count
SYSTrace
ON entries = system-trace-buffer-entry-count
OFF
TICker interval is
1
time-check-interval


UNDefined program count is
- (0 ← primary-count) ,0 ← ,secondary-count
FOR (, ACCess MODule DIAlogs MAPs SUBschemas TABles ALL ←)
UPDate LOCk NOLock ←
USErtrace ON entries = user-trace-buffer-entry-count OFF ←
XA PROgram pool is 0 ← xa-program-pool-size
XA REEntrant pool is 0 ← xa-reentrant-pool-size
XA STOrage pool is 0 ← xa-storage-pool-size

Expansion of print-ctrl-options

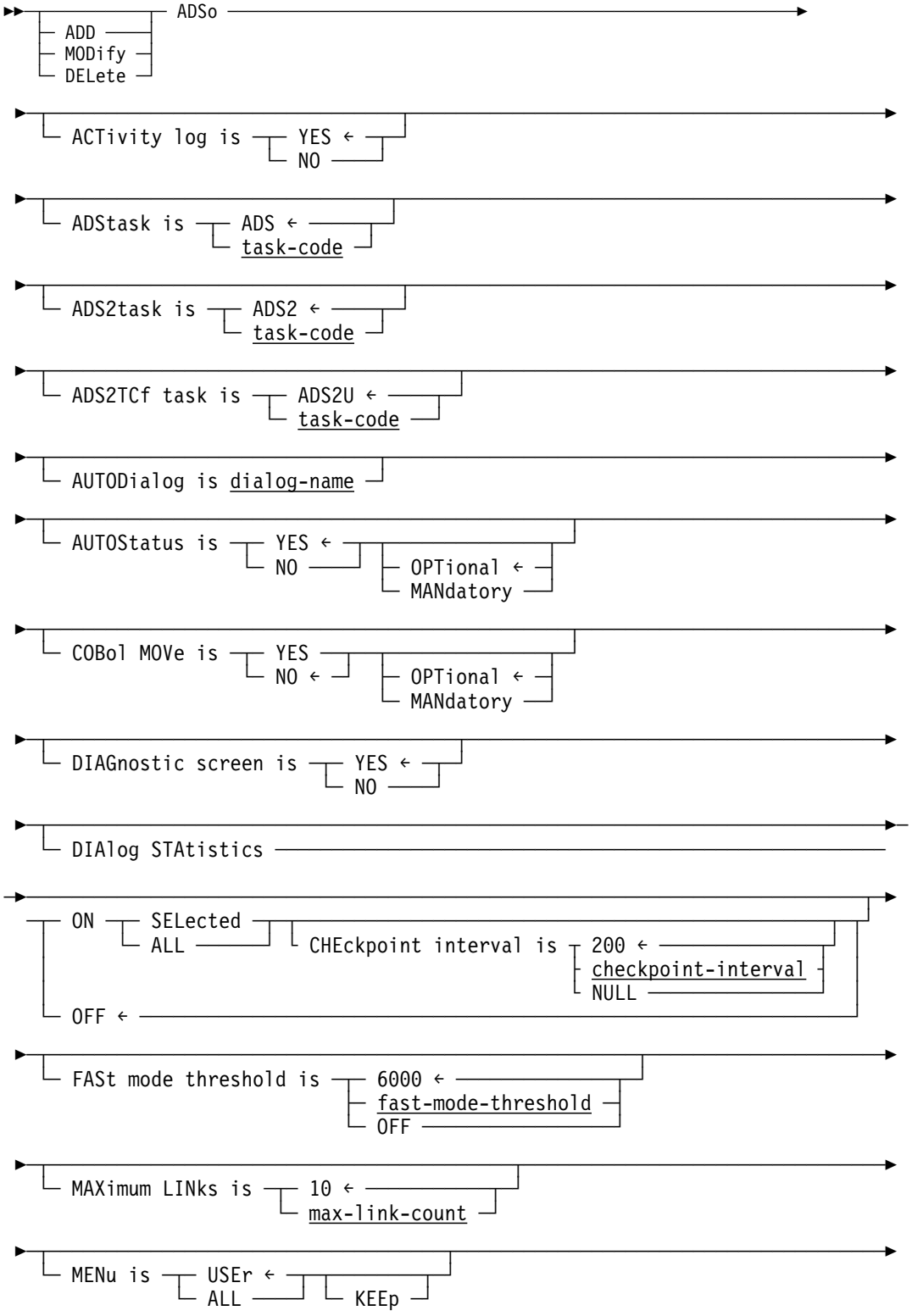


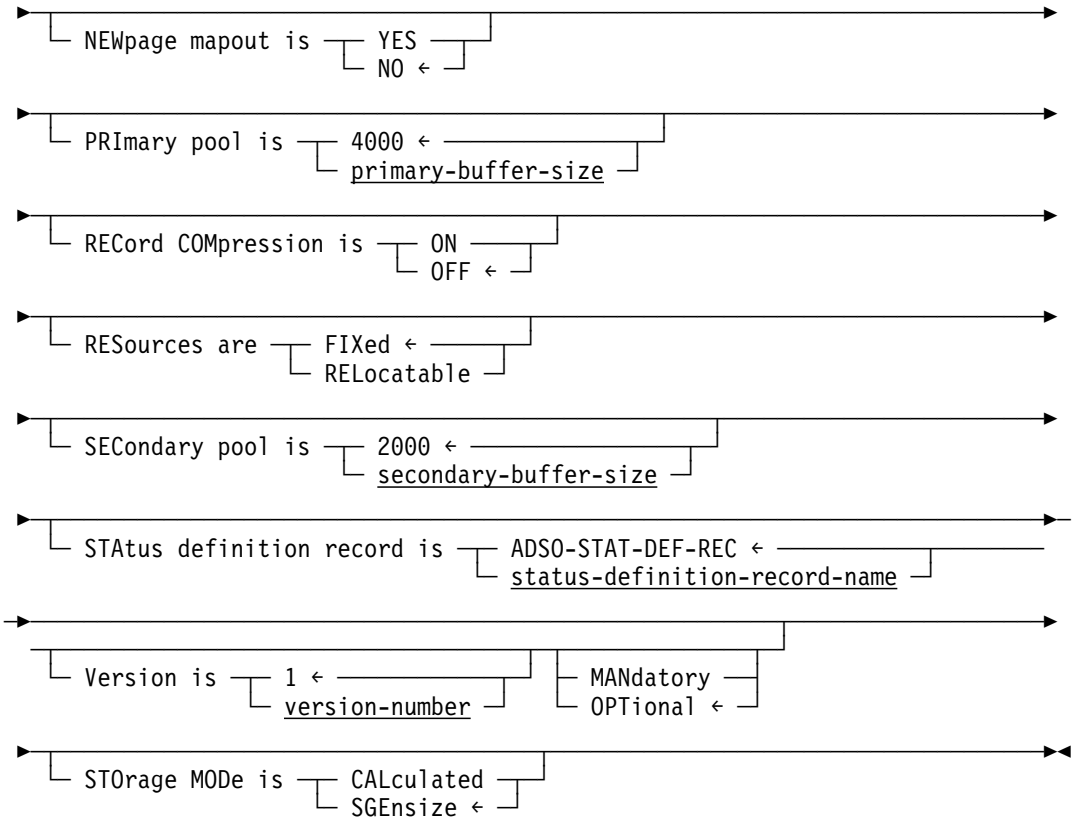
DISPLAY/PUNCH SYSTEM statement syntax



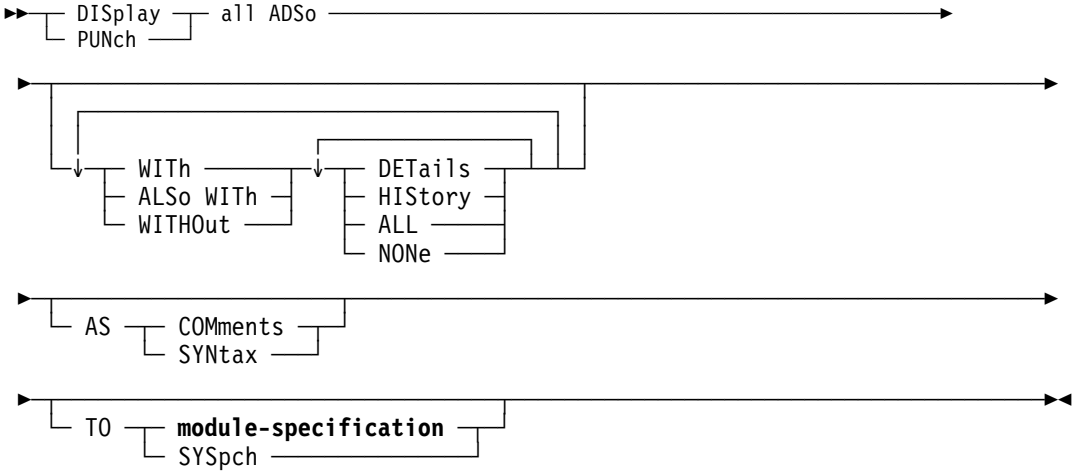
Chapter 6. System Generation Statements

6.1.1 ADSO Statement

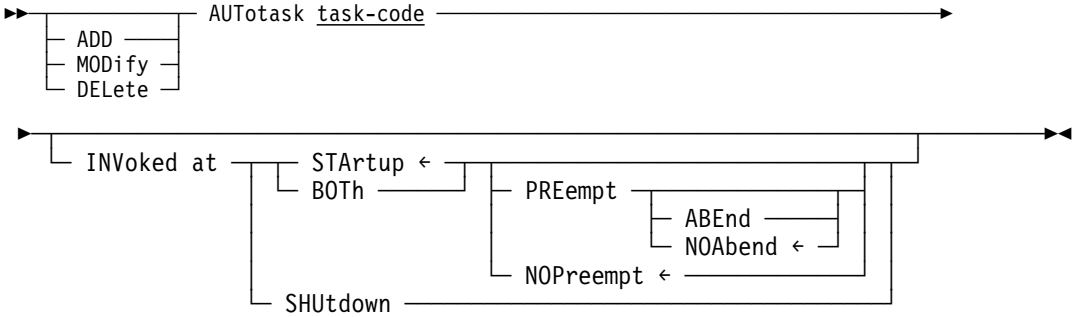



NEWpage mapout is
YES
NO ←
PRImary pool is
4000 ←
primary-buffer-size
RECord COMpression is
ON
OFF ←
RESources are
FIXed ←
RELocatable
SECondary pool is
2000 ←
secondary-buffer-size
STAtus definition record is
ADSO-STAT-DEF-REC ←
status-definition-record-name
Version is
1 ←
version-number
MANdatory
OPTional ←
STOrage MODe is
CALculated
SGEnsize ←

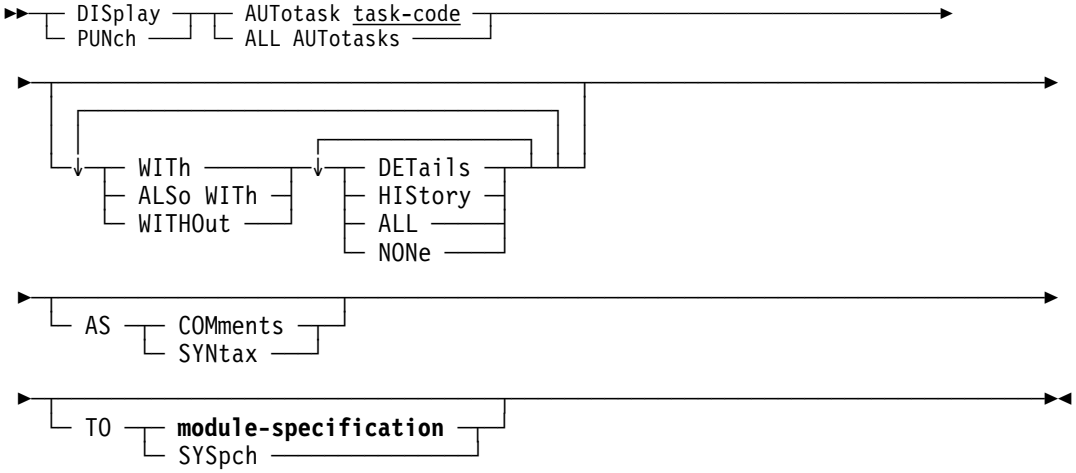
DISPLAY/PUNCH ADSO Statement



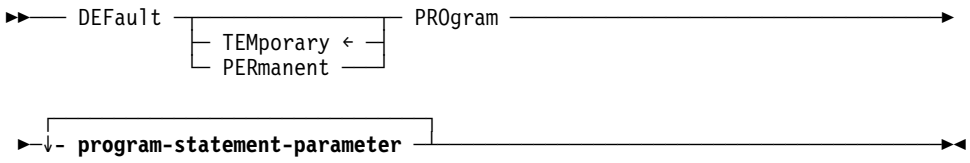
6.1.2 AUTOTASK Statement



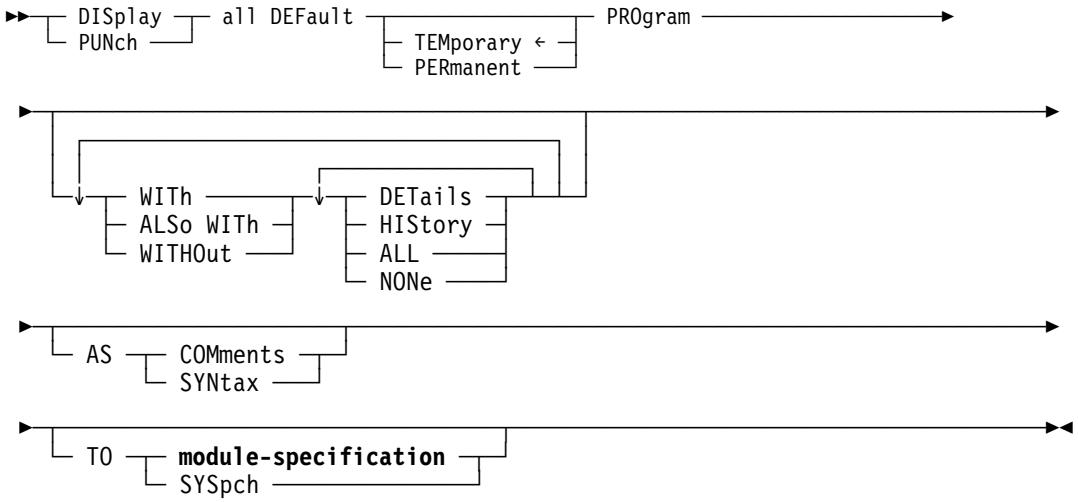
DISPLAY/PUNCH AUTOTASK Statement



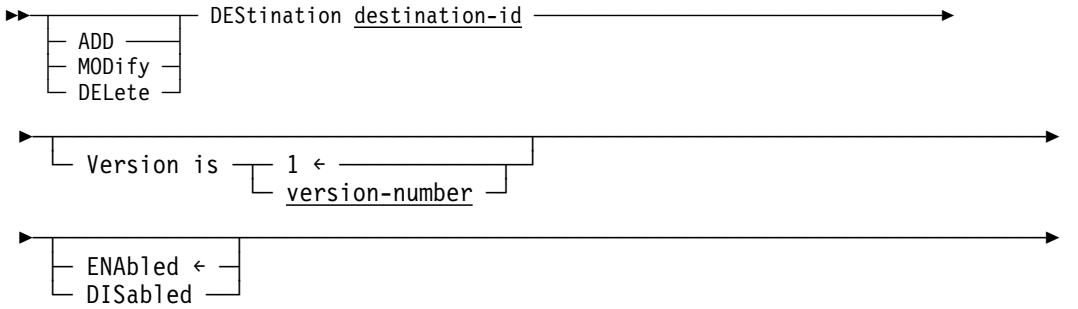
6.1.3 DEFAULT PROGRAM Statement

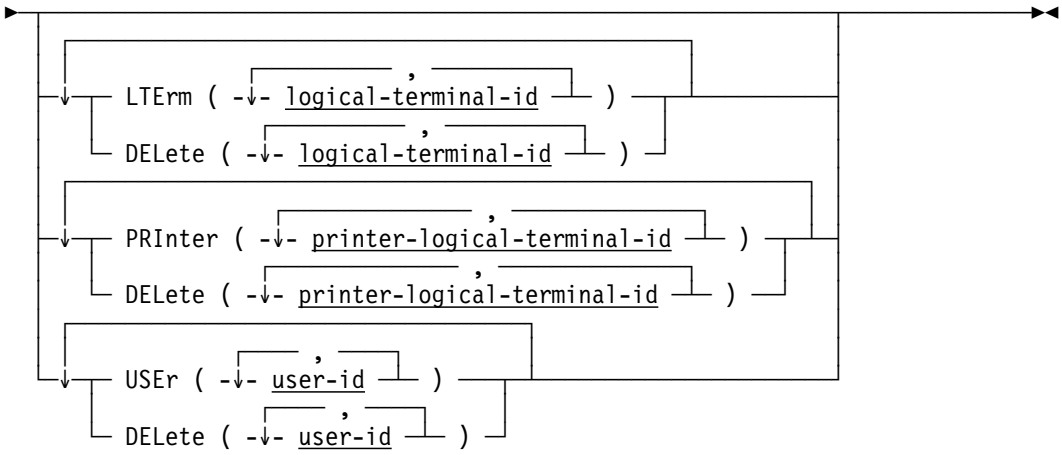


DISPLAY/PUNCH DEFAULT PROGRAM Statement

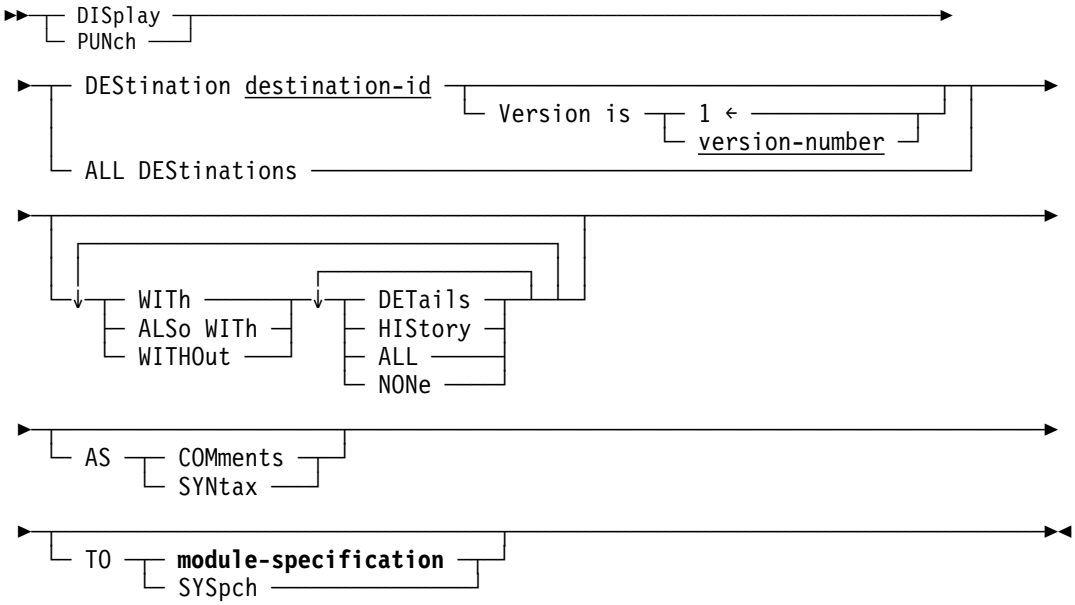


6.1.4 DESTINATION Statement

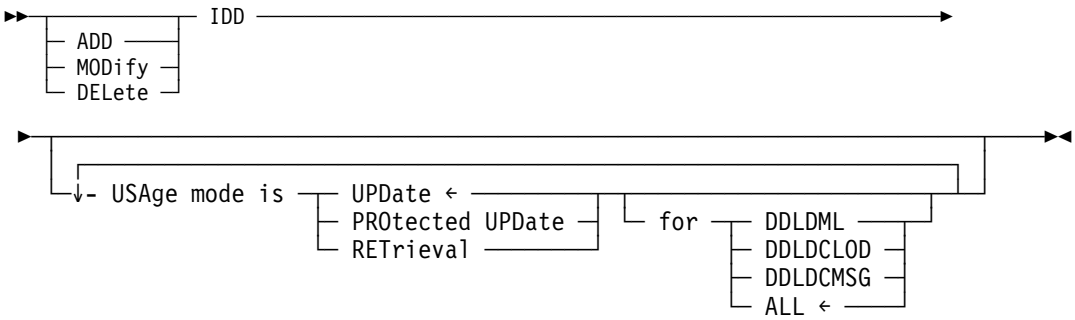




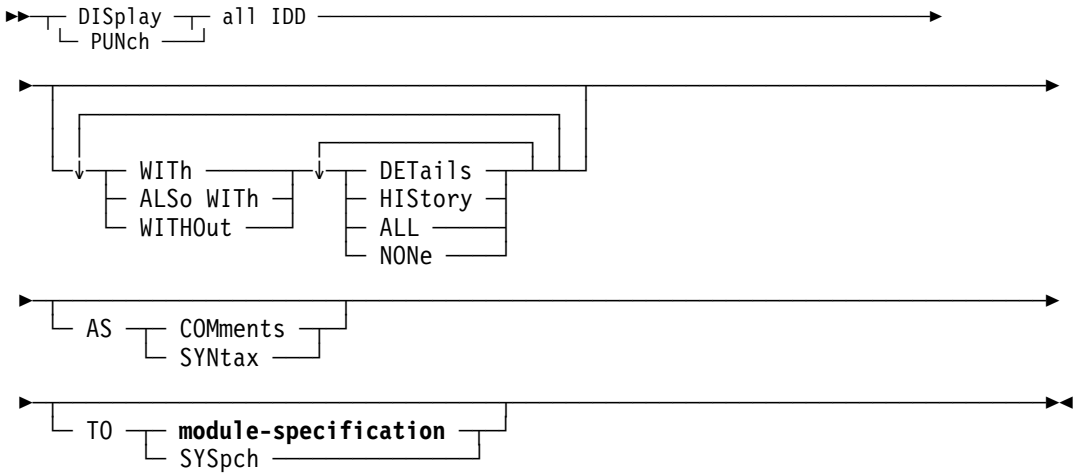
DISPLAY/PUNCH DESTINATION Statement



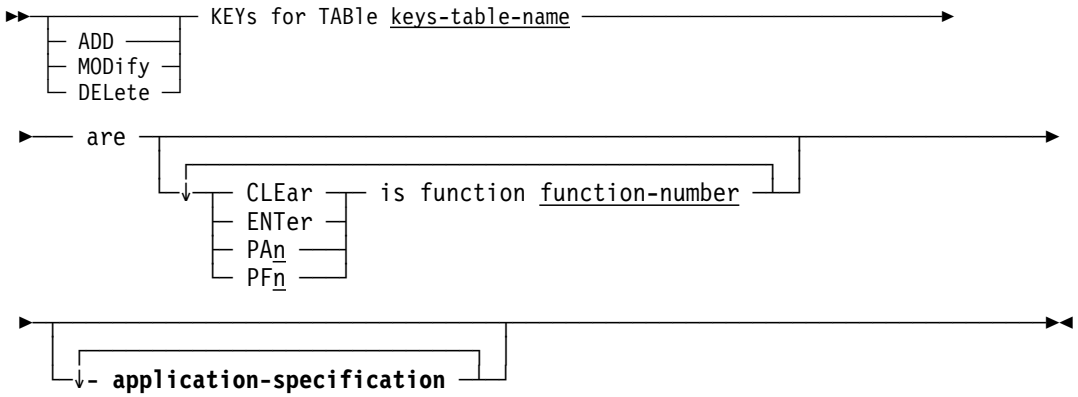
6.1.5 IDD Statement



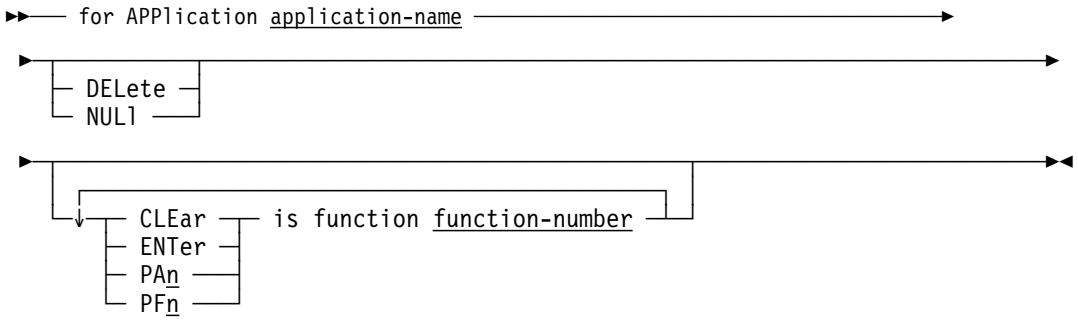
DISPLAY/PUNCH IDD Statement



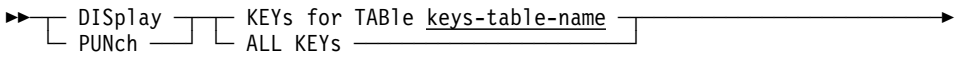
6.1.6 KEYS Statement

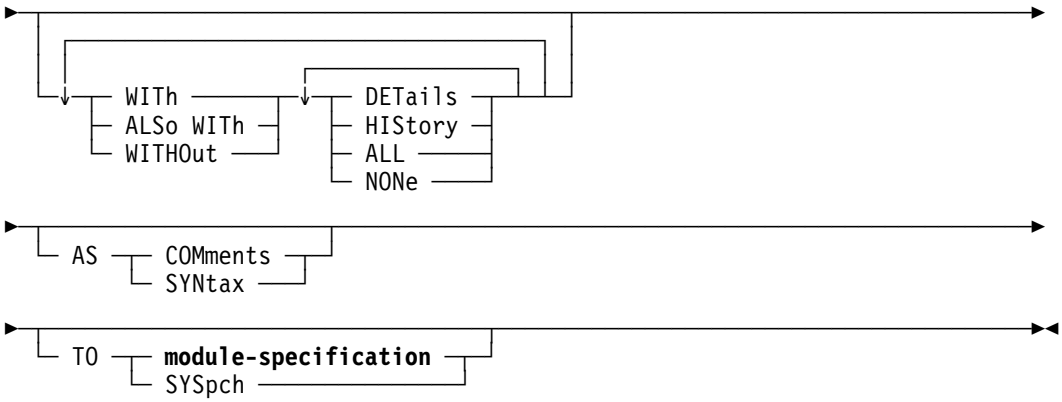


Expansion of application-specification

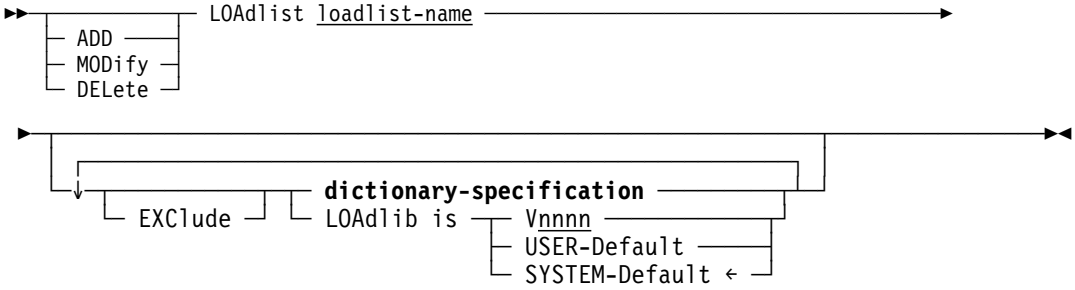


DISPLAY/PUNCH KEYS Statement

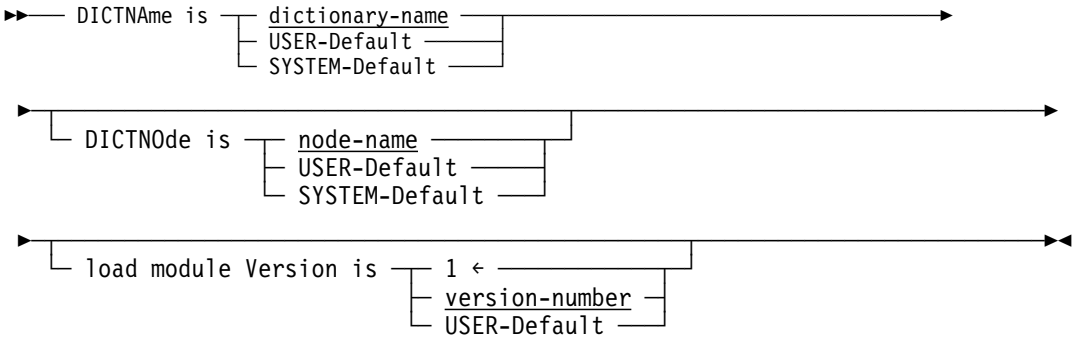




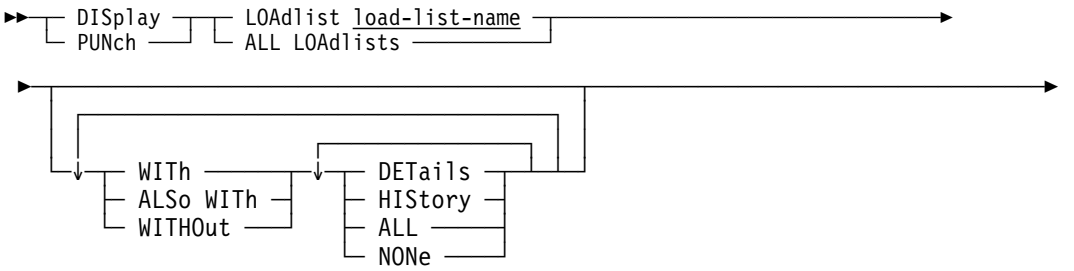
6.1.7 LOADLIST Statement

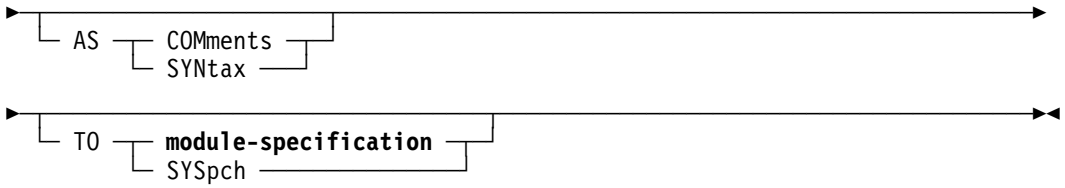


Expansion of dictionary-specification

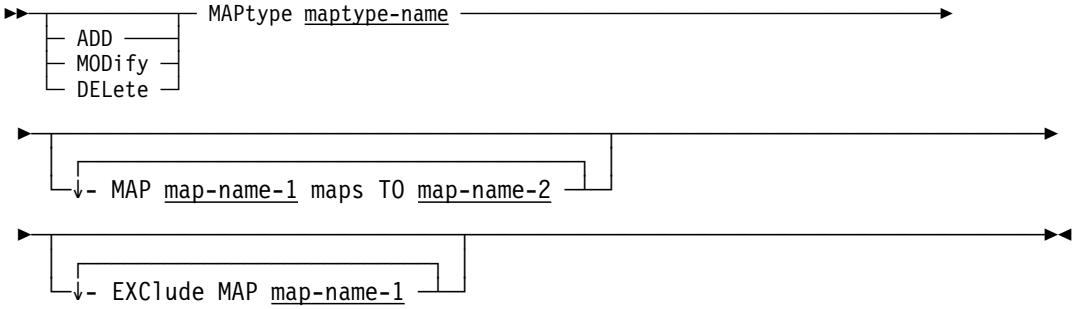


DISPLAY/PUNCH LOADLIST Statement

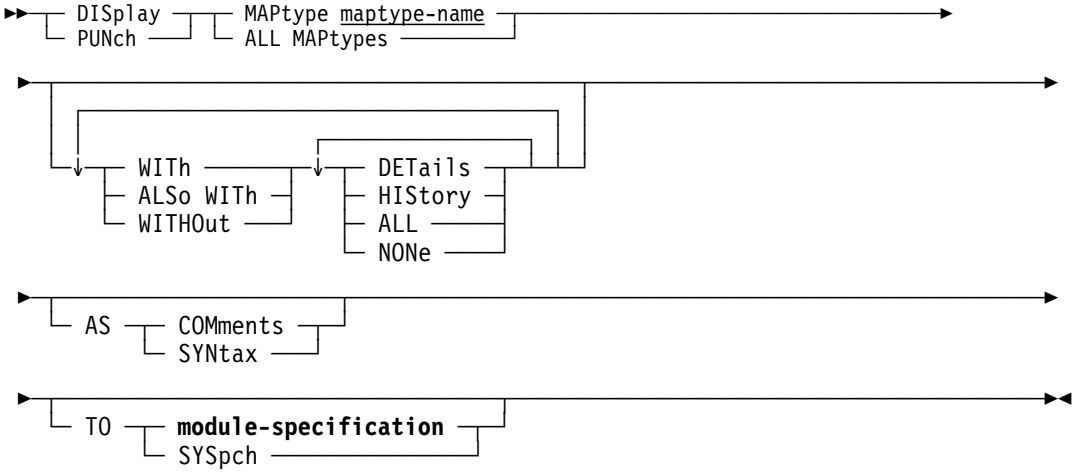



AS
COMments
SYNtax
TO
module-specification
SYSpch

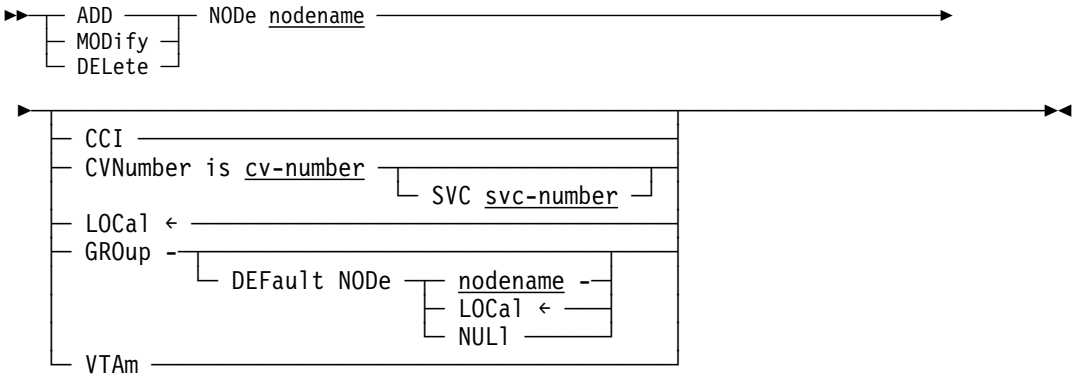
6.1.8 MAPTYPE Statement



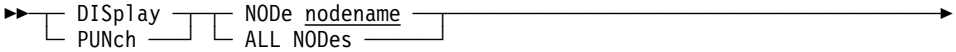
DISPLAY/PUNCH MAPTYPE Statement



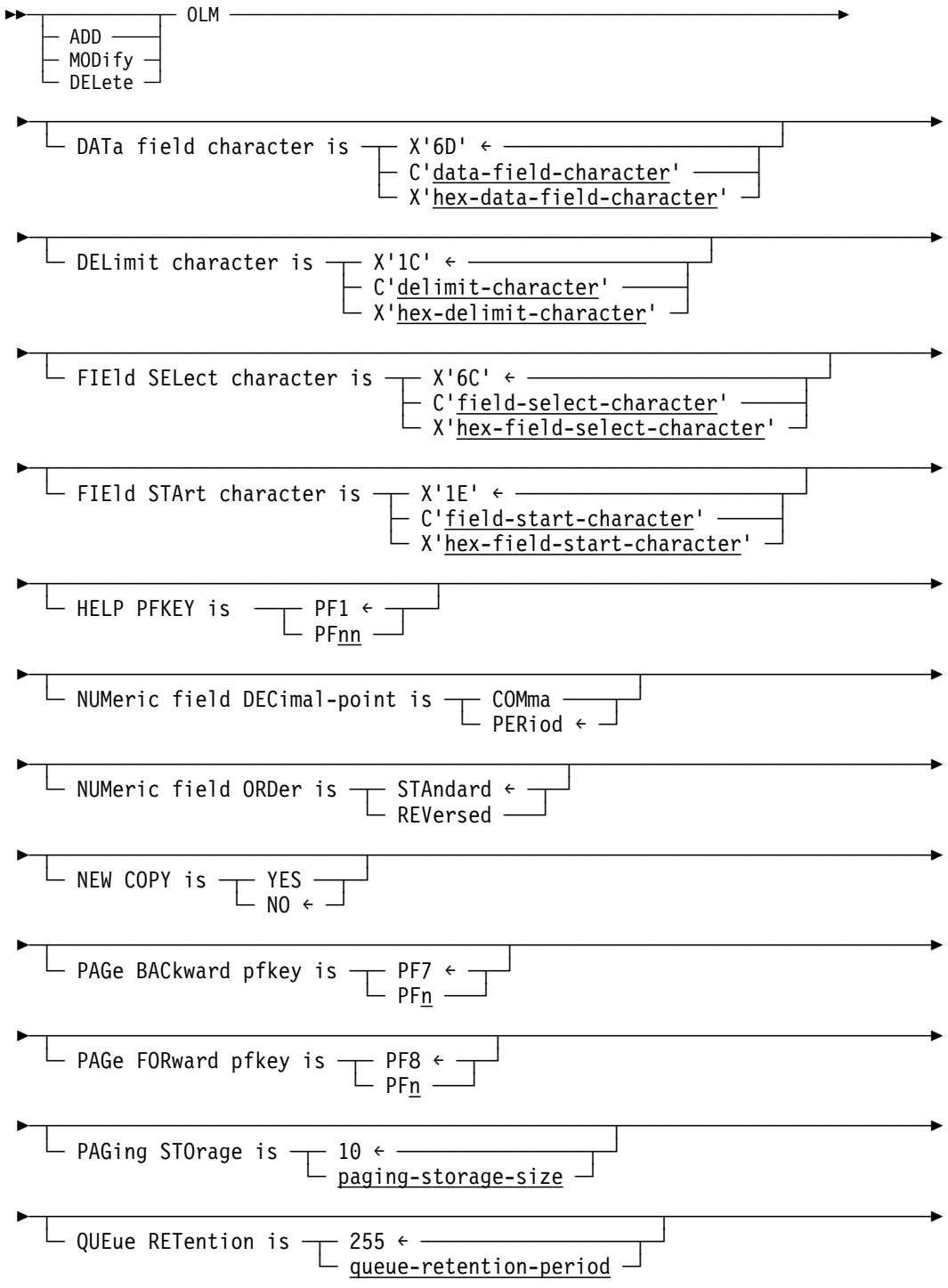
6.1.9 NODE Statement

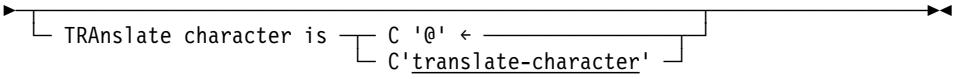


DISPLAY/PUNCH NODE Statement

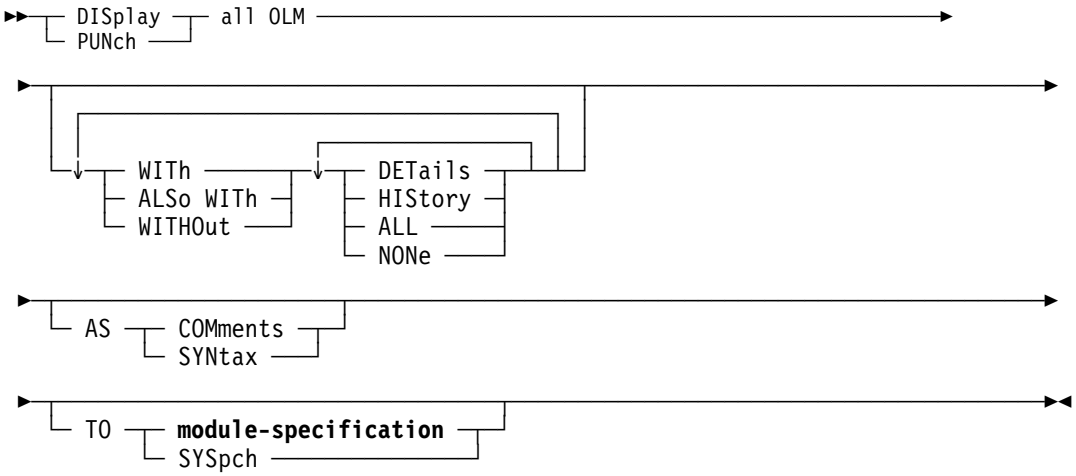


6.1.10 OLM Statement

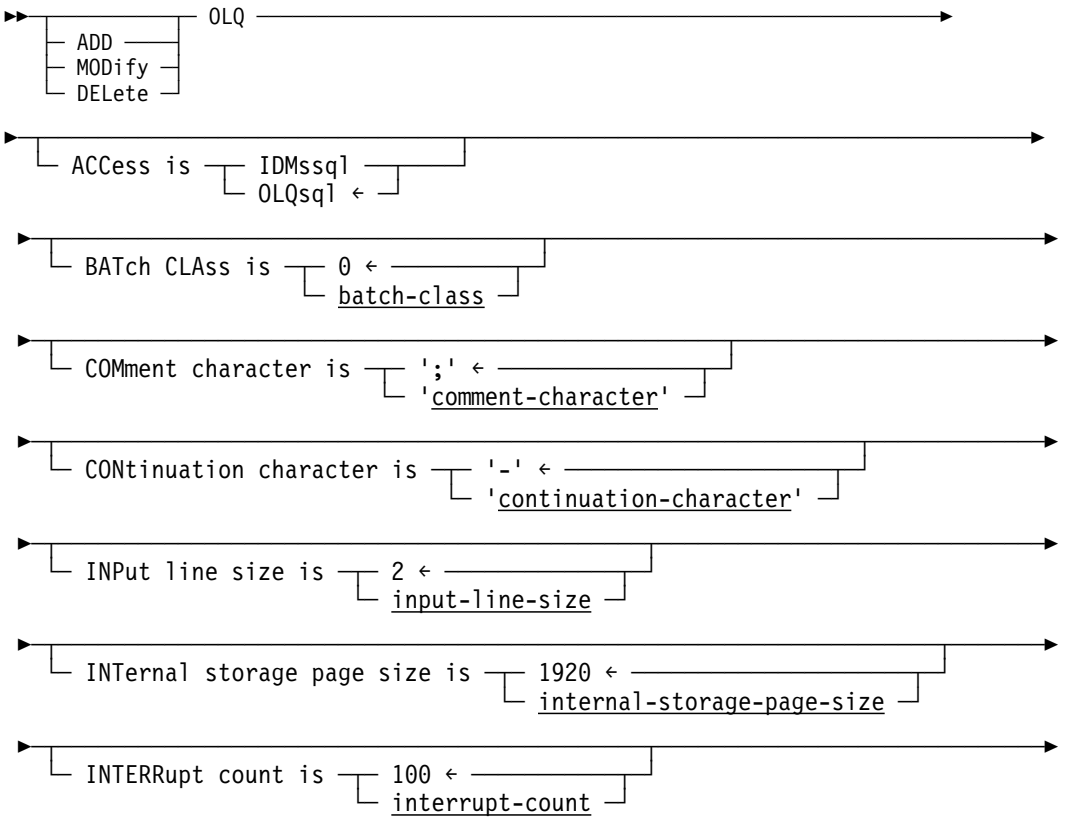


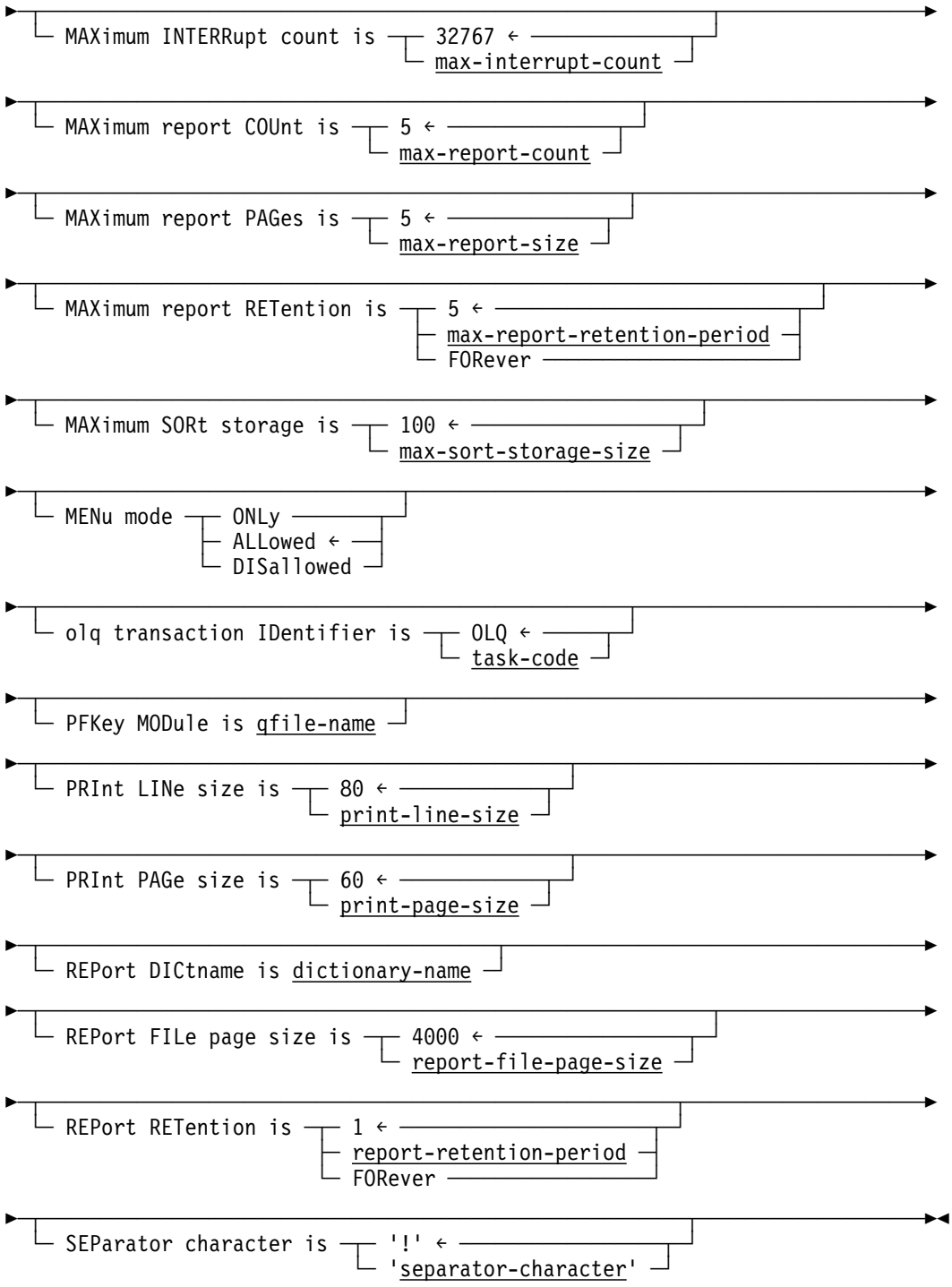


DISPLAY/PUNCH OLM Statement

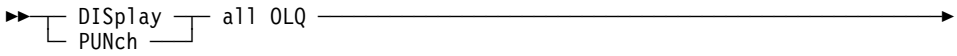


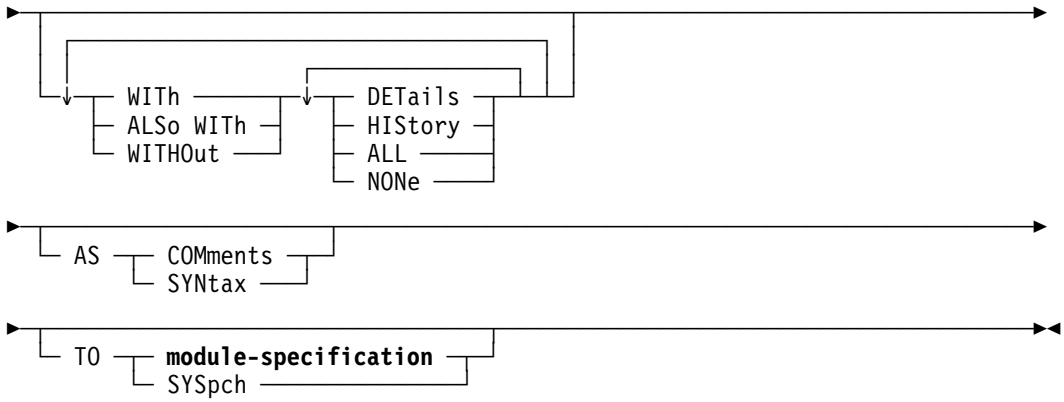
6.1.11 OLQ Statement



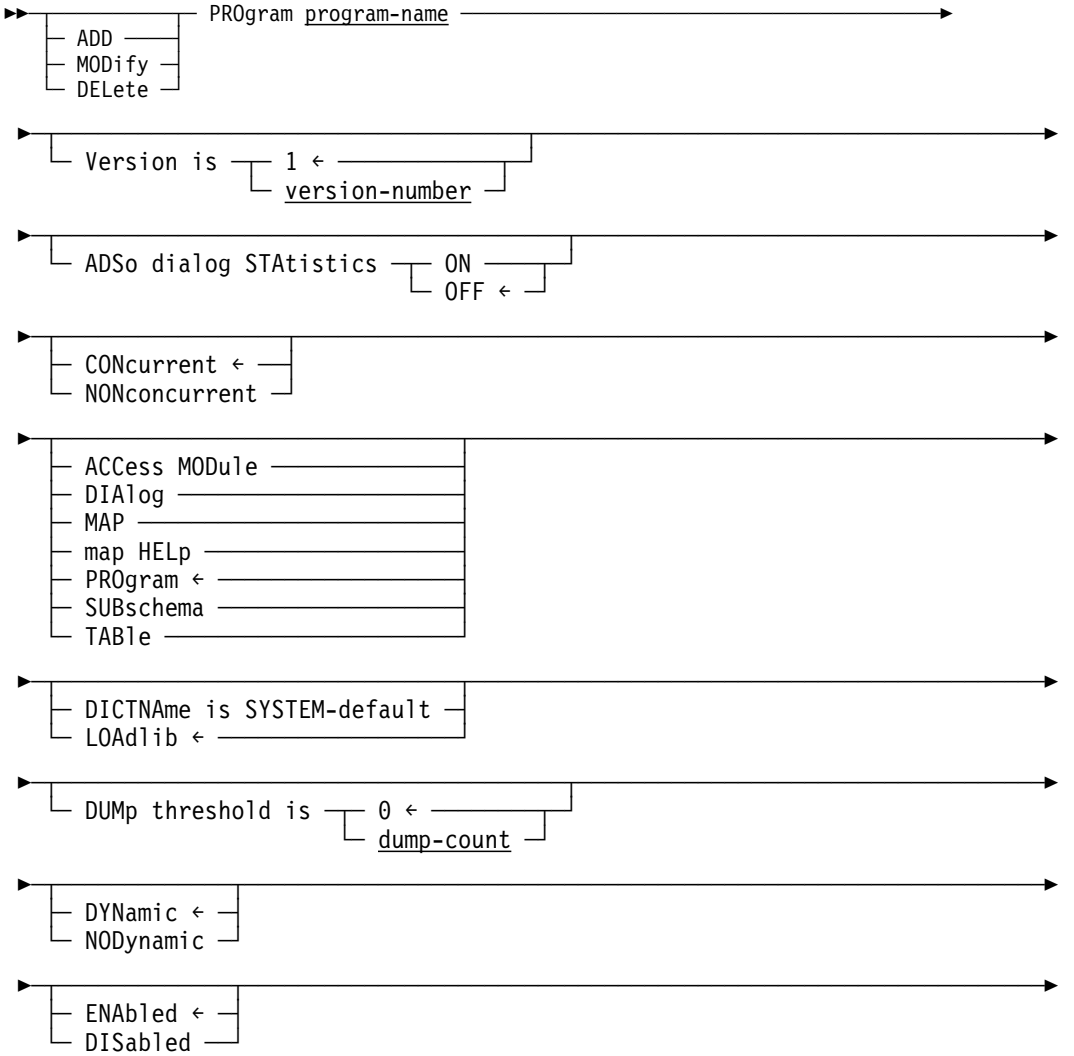


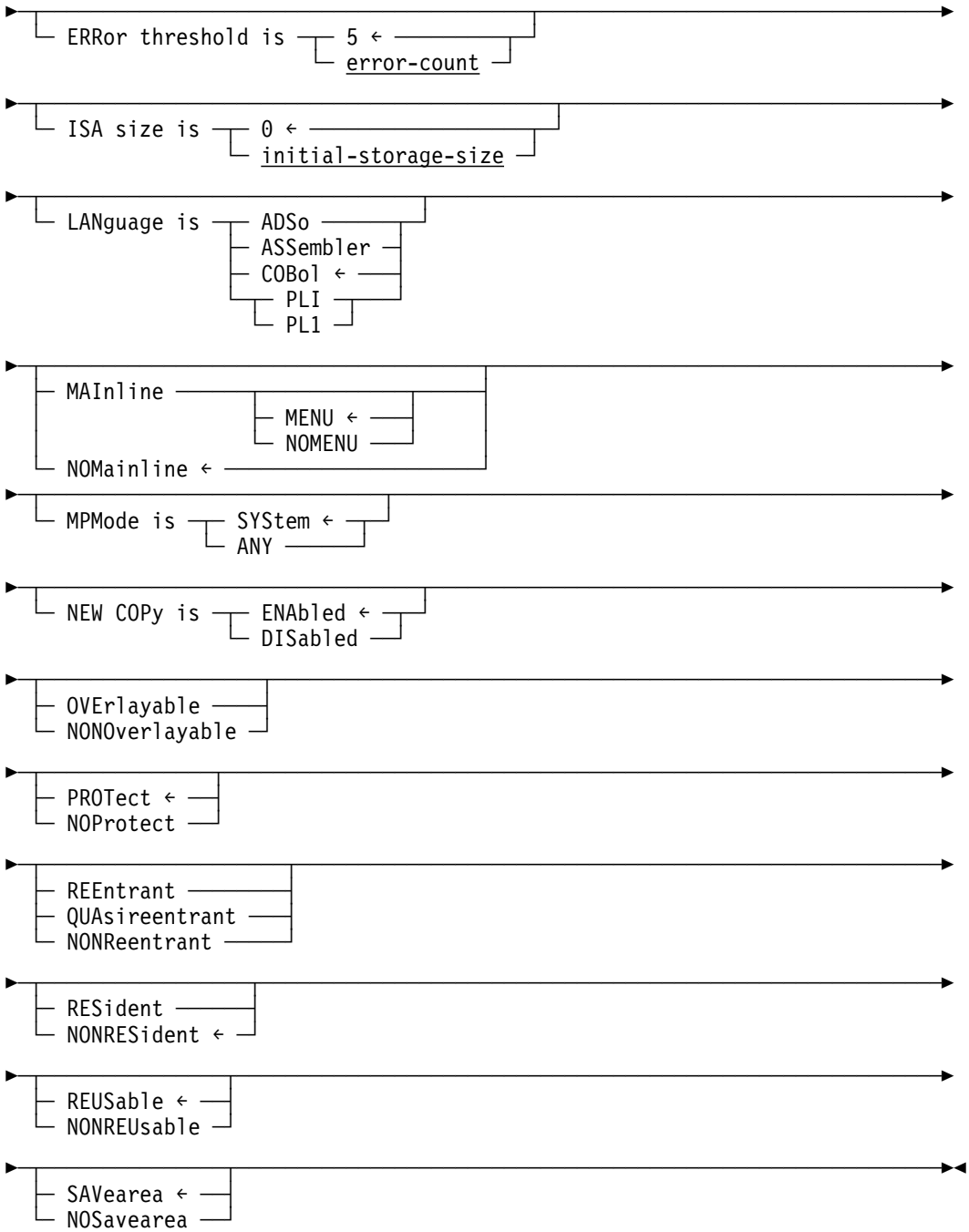
DISPLAY/PUNCH OLQ Statement



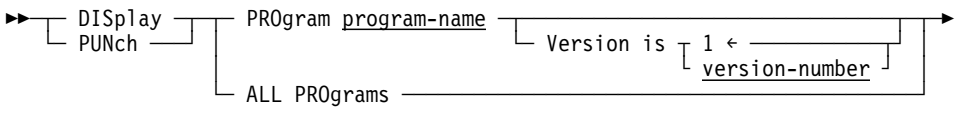


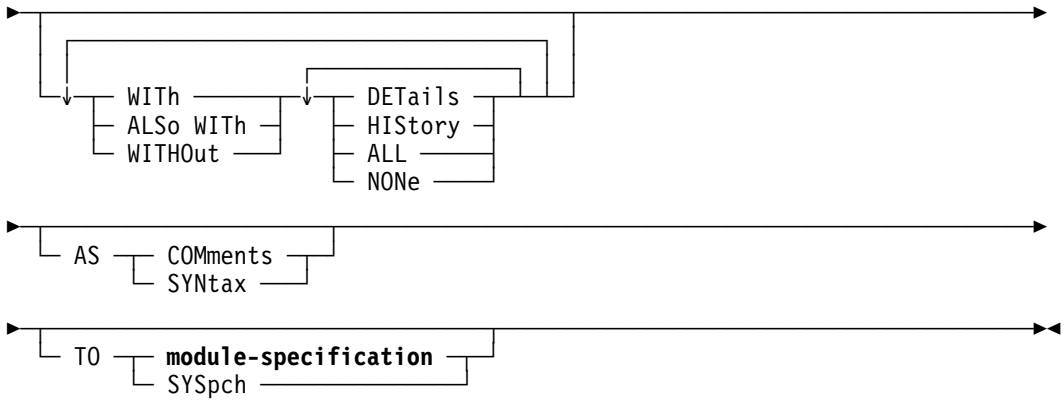
6.1.12 PROGRAM Statement



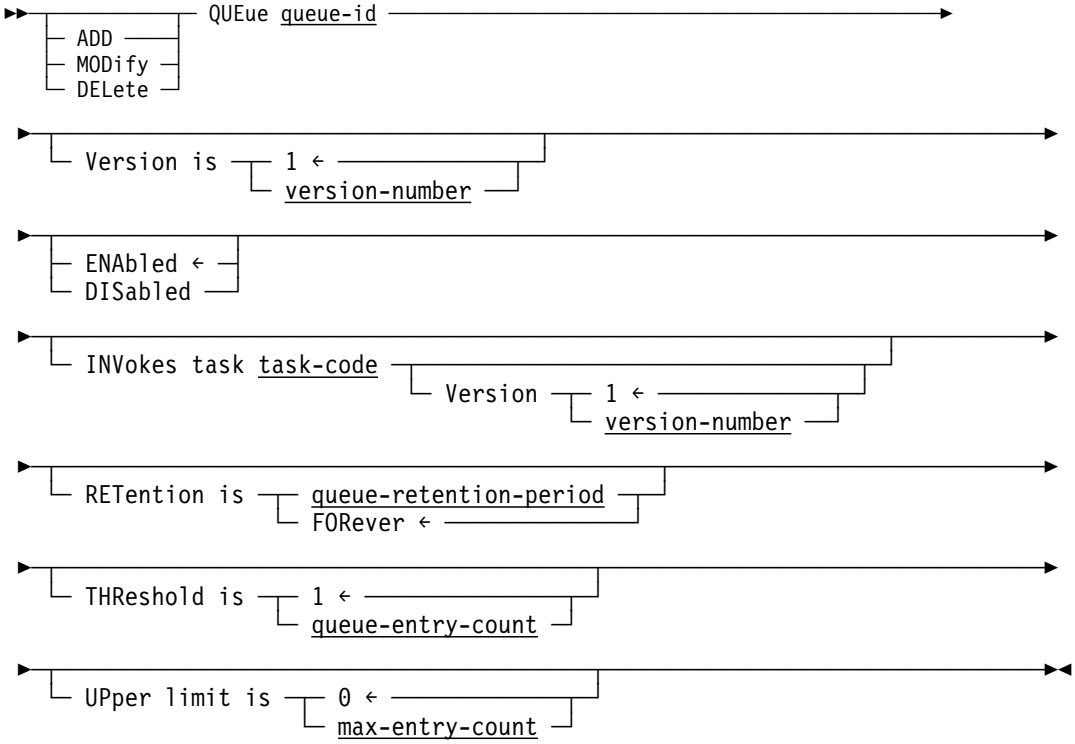


DISPLAY/PUNCH PROGRAM Statement

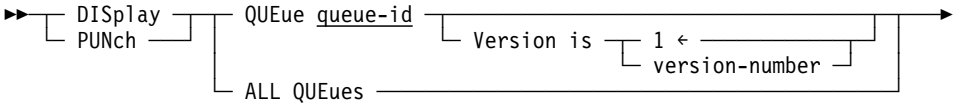


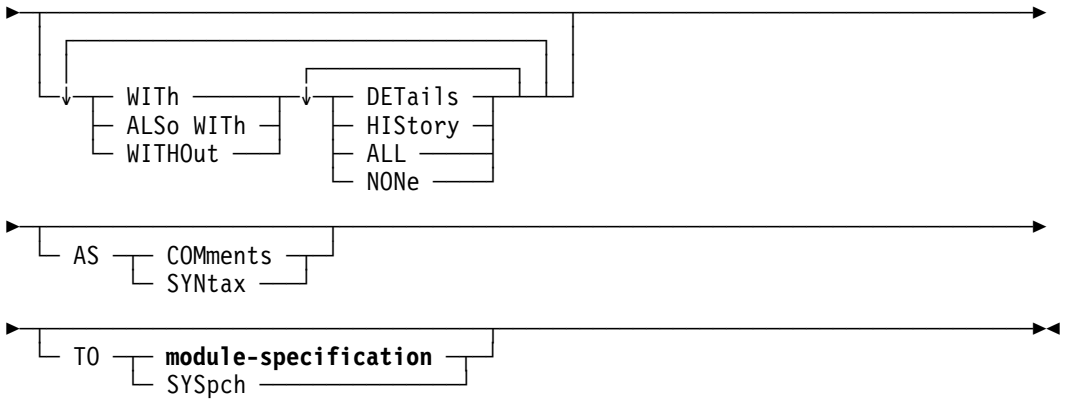


6.1.13 QUEUE Statement

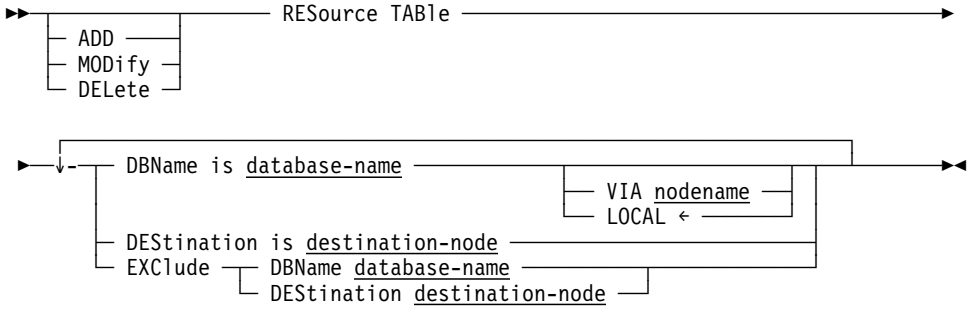


DISPLAY/PUNCH QUEUE Statement

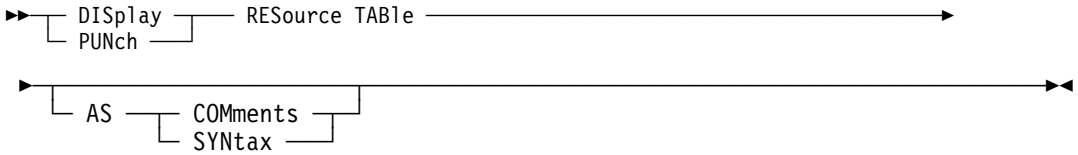




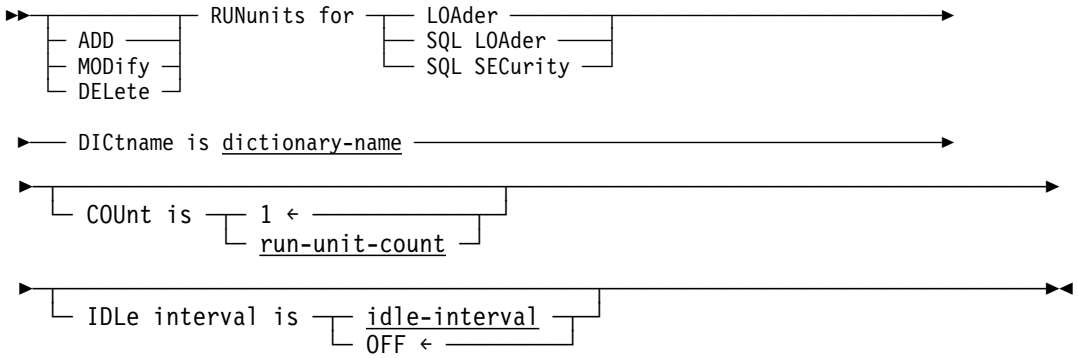
6.1.14 RESOURCE TABLE Statement



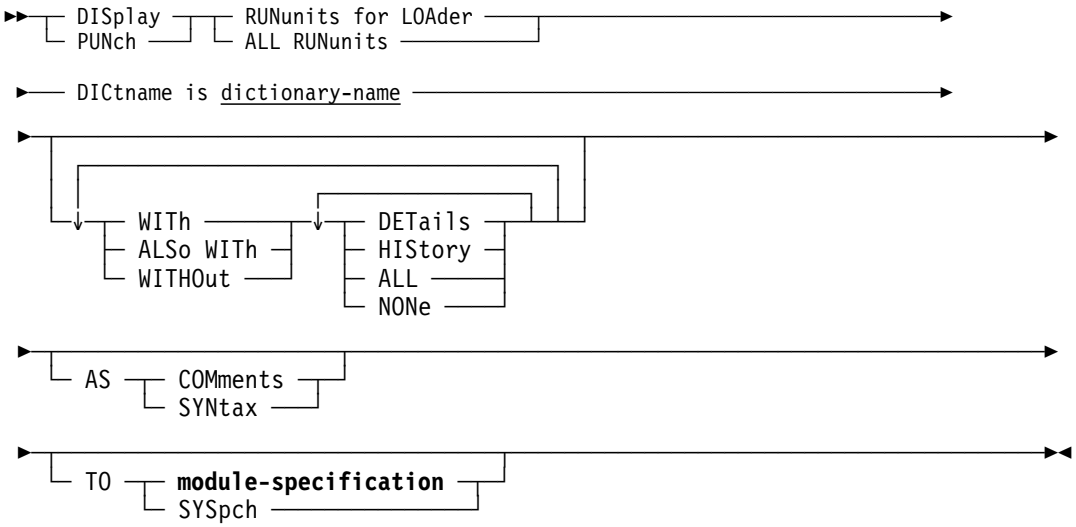
DISPLAY/PUNCH RESOURCE TABLE Statement



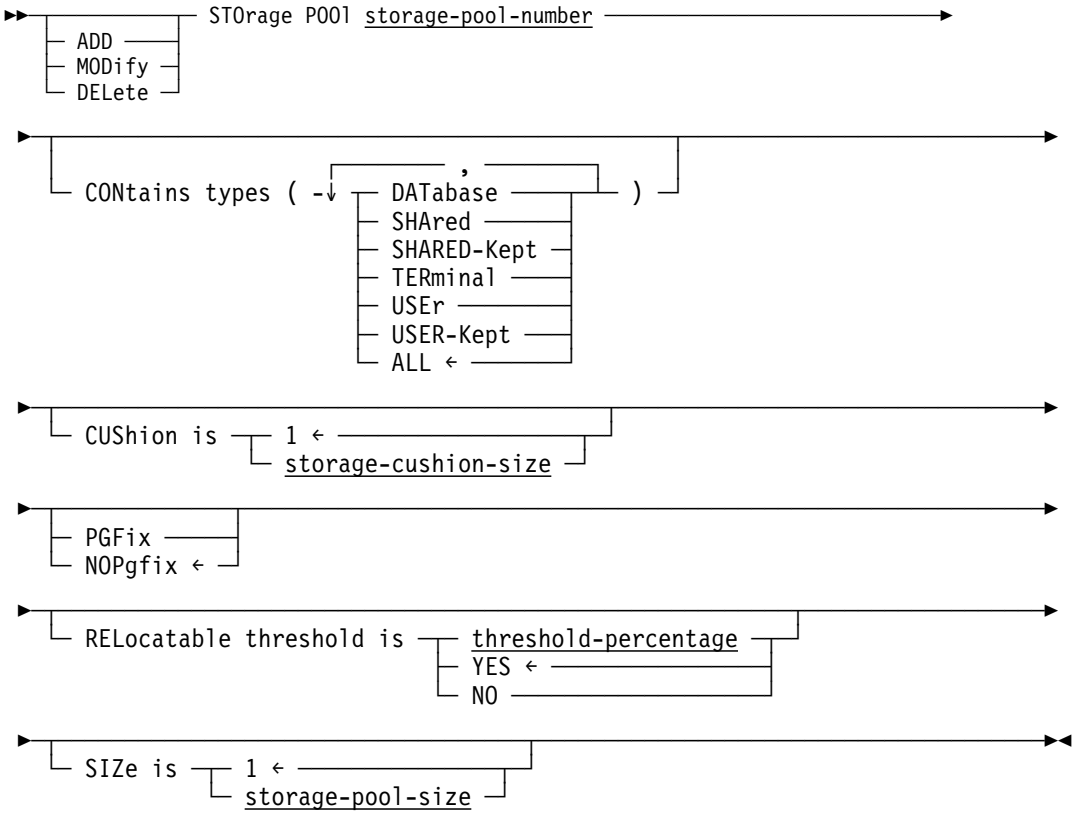
6.1.15 RUNUNITS Statement



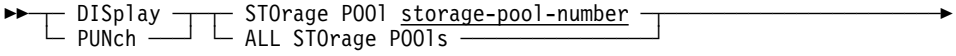
DISPLAY/PUNCH RUNUNITS Statement

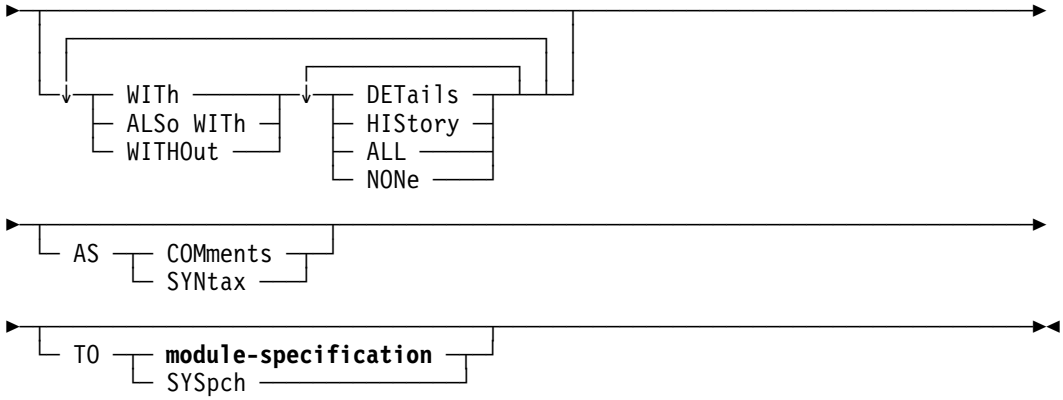


6.1.16 STORAGE POOL Statement

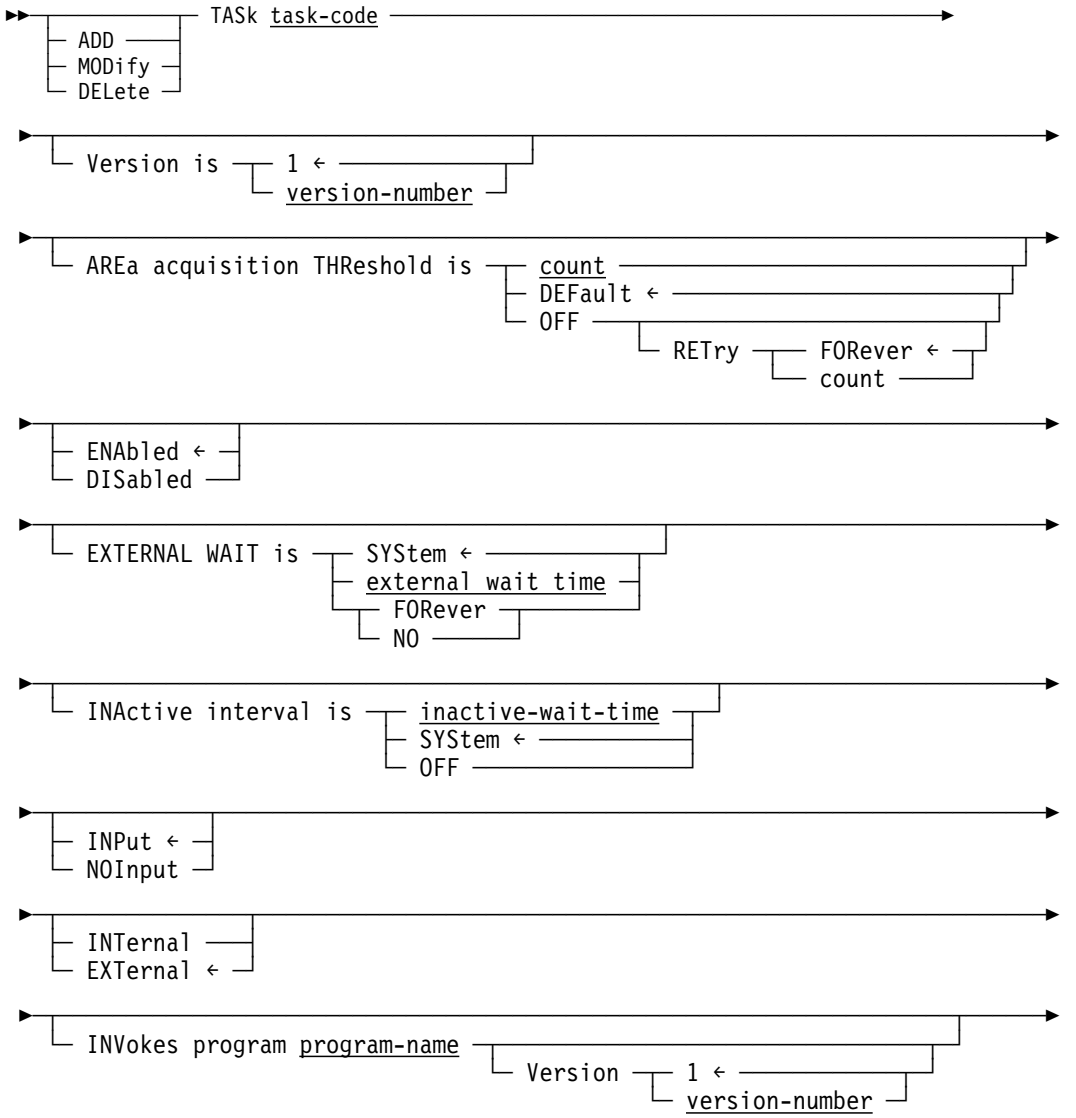


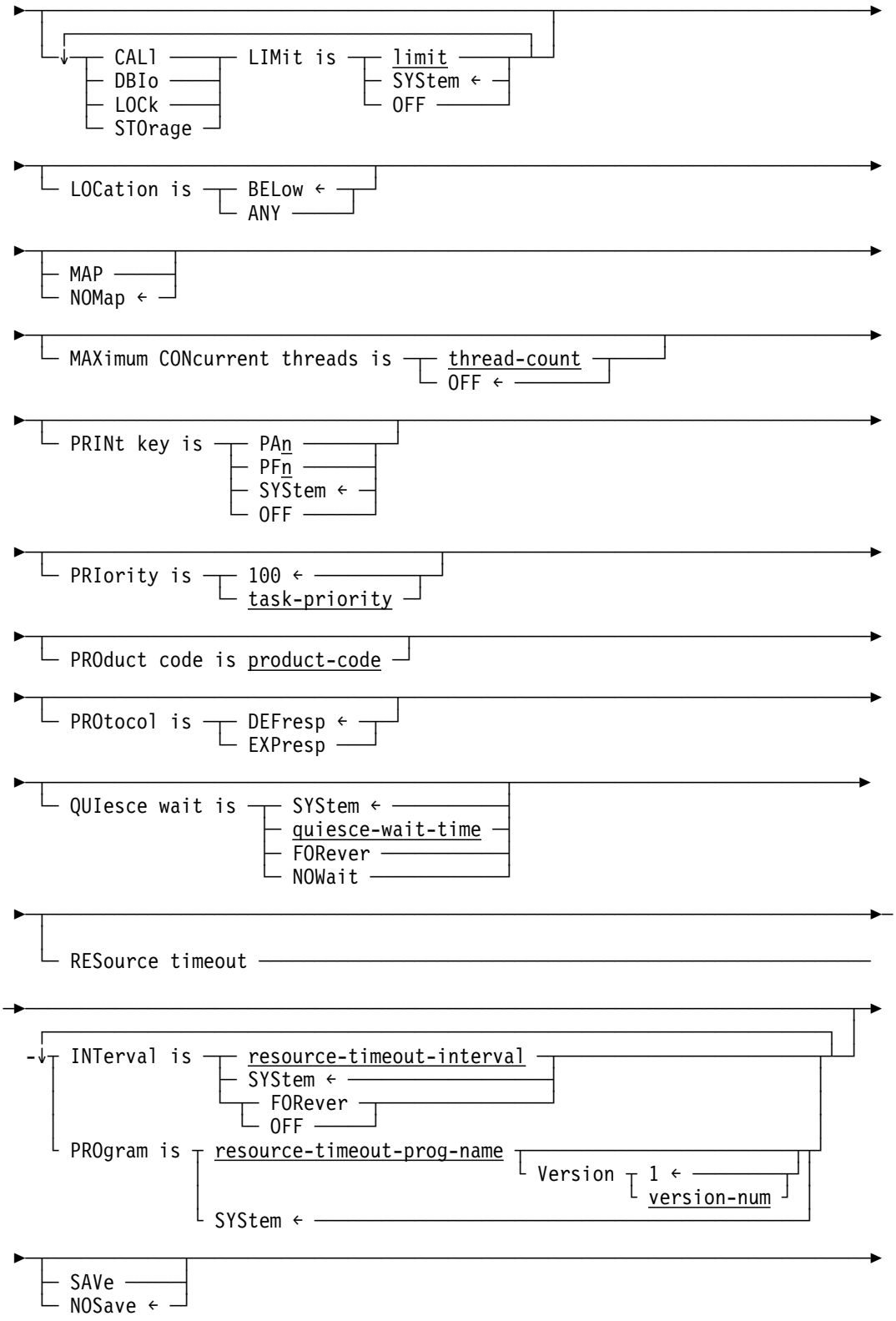
DISPLAY/PUNCH STORAGE POOL Statement

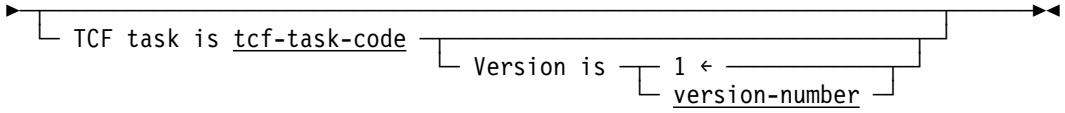




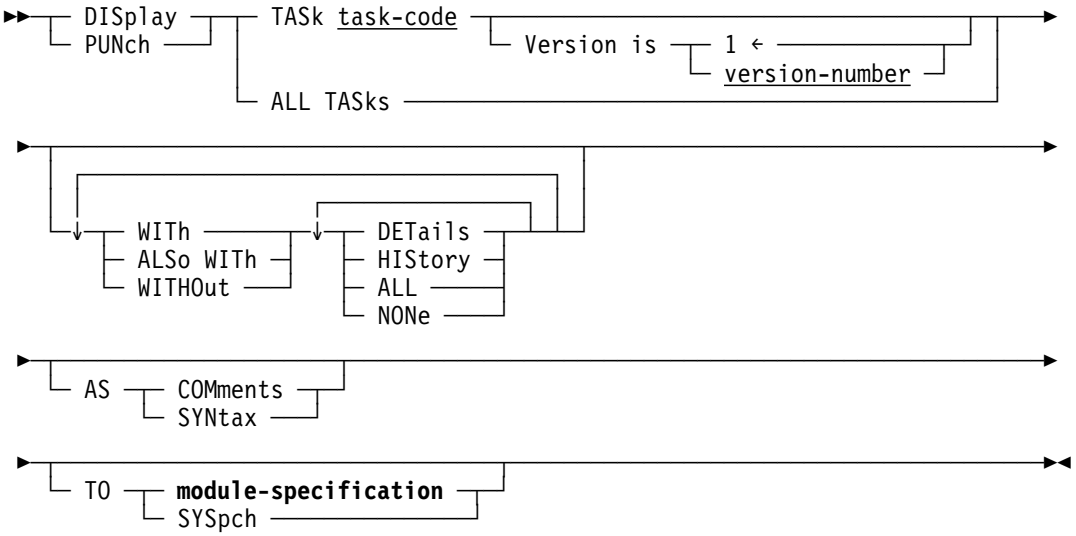
6.1.17 TASK Statement



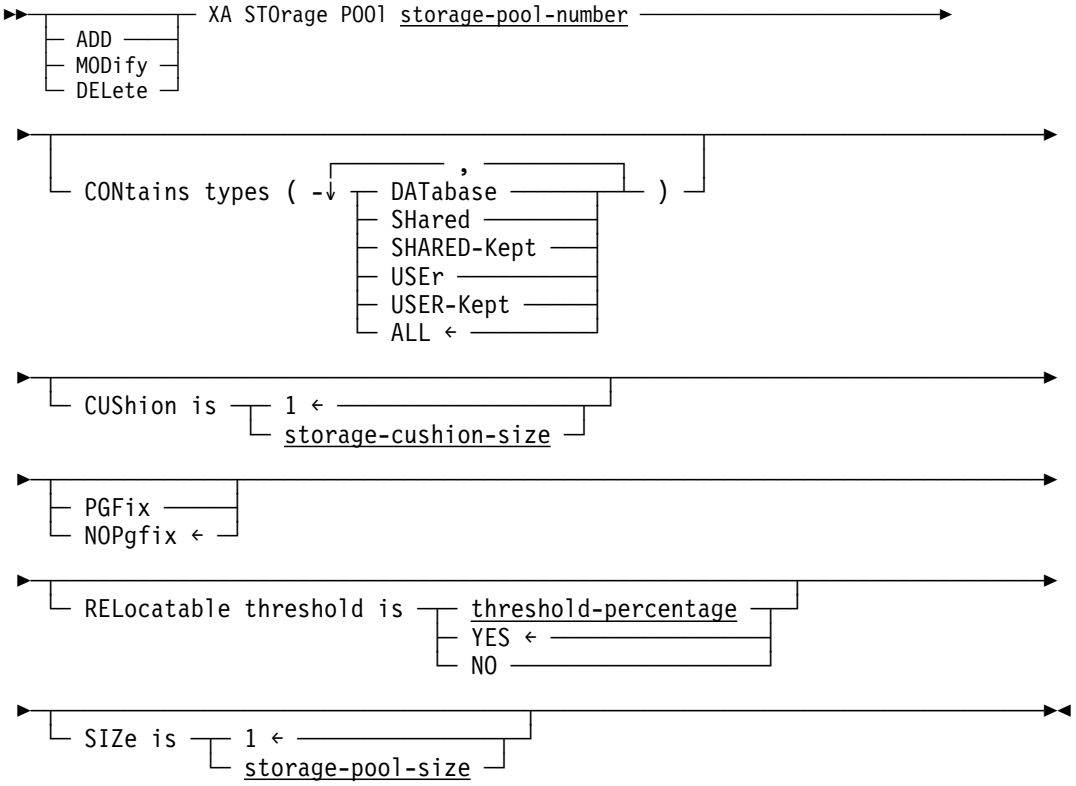

CALl
DBIo
LOCk
STOrage
LIMit is
limit
SYStem ←
OFF
LOCation is
BELow ←
ANY
MAP
NOMap ←
MAXimum CONcurrent threads is
thread-count
OFF ←
PRINt key is
PAn
PFn
SYStem ←
OFF
PRIority is
100 ←
task-priority
PROduct code is product-code
PROtocol is
DEFresp ←
EXPresp
QUIesce wait is
SYStem ←
quiesce-wait-time
FOREver
NOWait
RESource timeout
INTerval is
resource-timeout-interval
SYStem ←
FOREver
OFF
PROgram is
resource-timeout-prog-name
Version
1 ←
version-num
SYStem ←
SAVe
NOSave ←



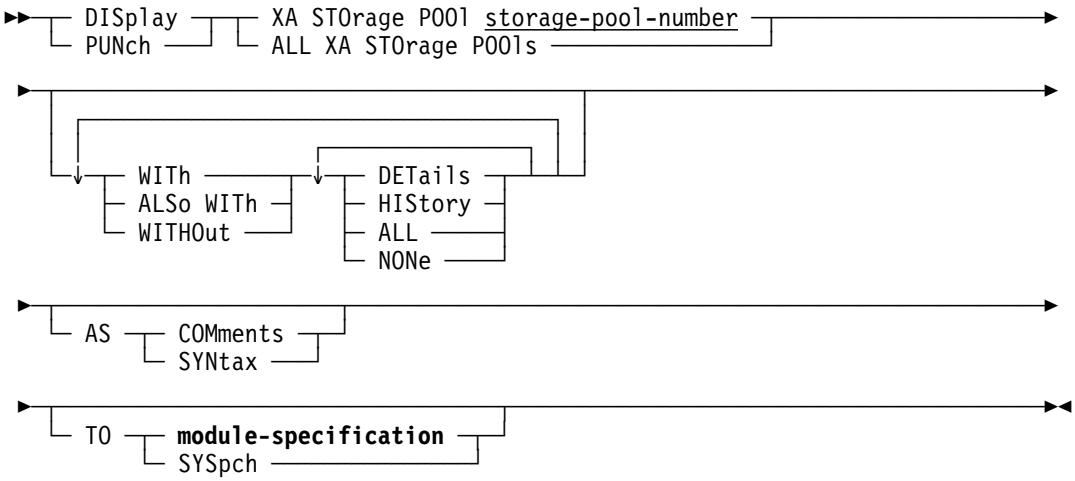
DISPLAY/PUNCH TASK Statement



6.1.18 XA STORAGE POOL Statement

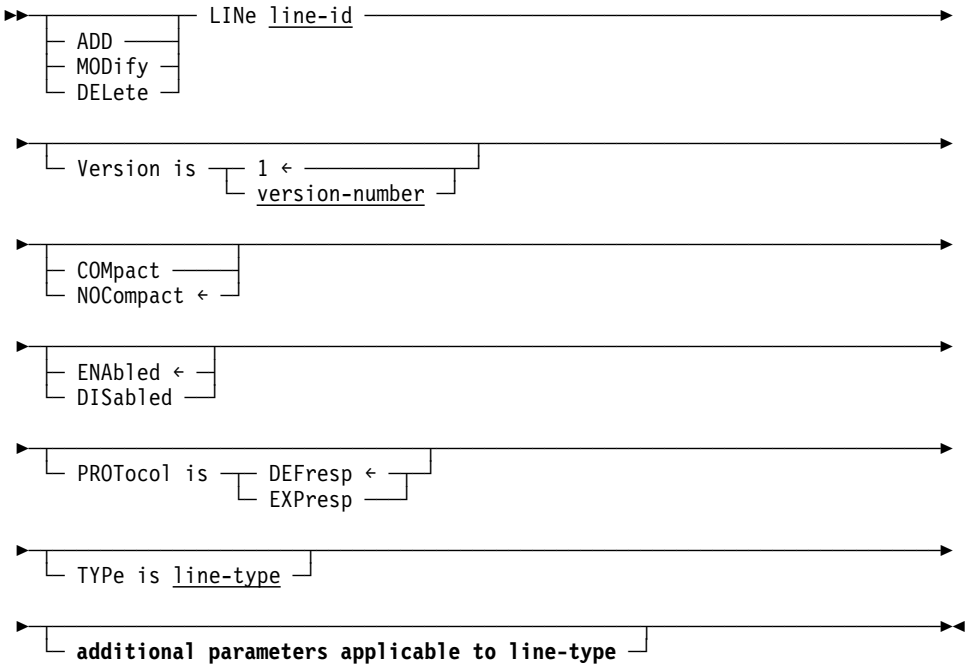


DISPLAY/PUNCH XA STORAGE POOL Statement

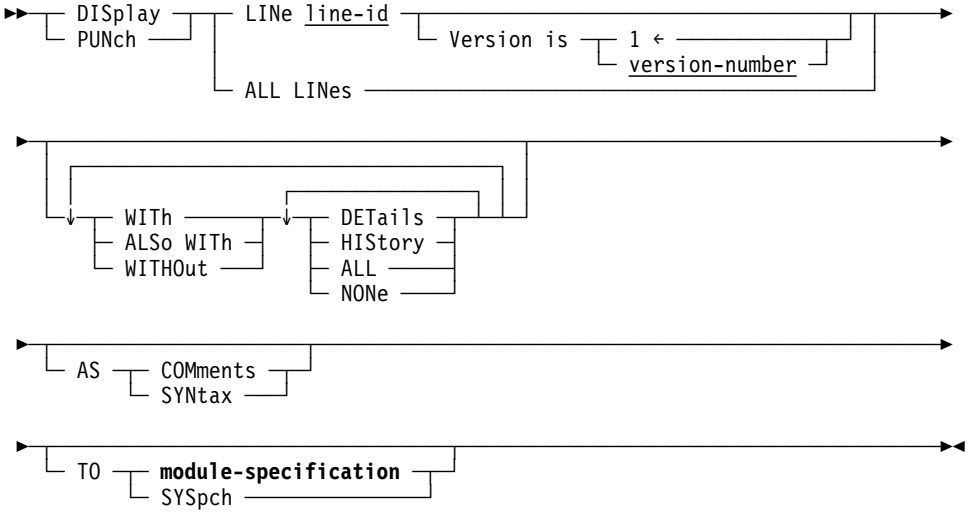


Chapter 7. Teleprocessing Network Statements

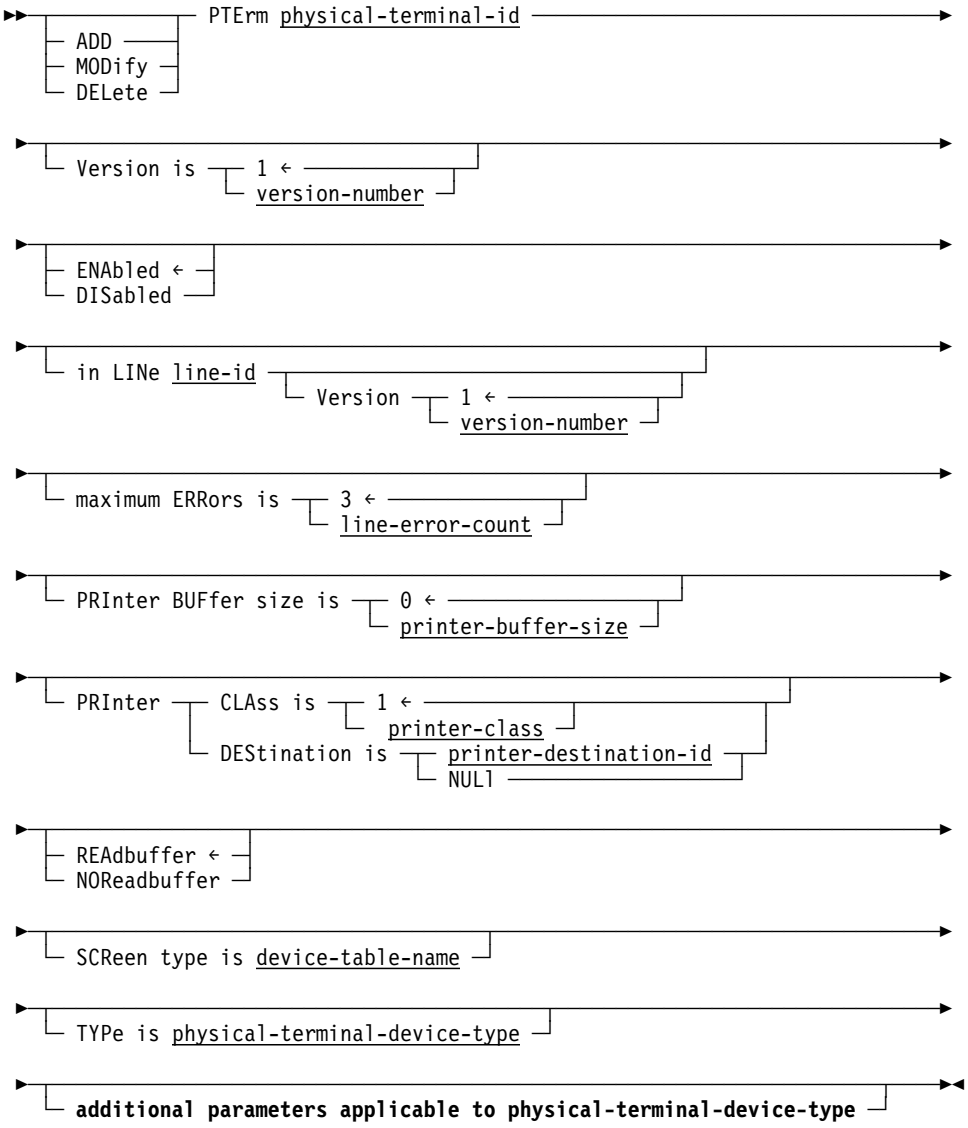
7.1 LINE Statement



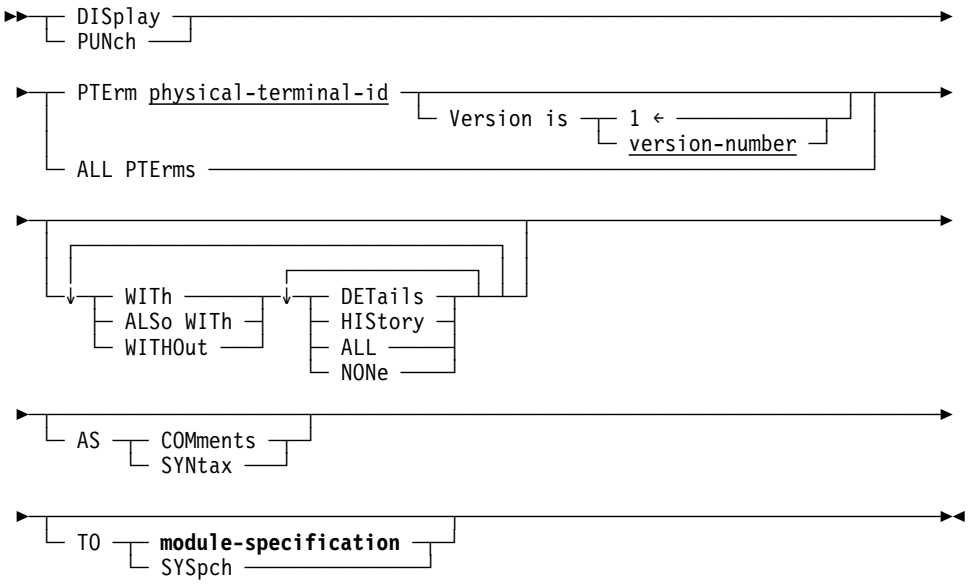
DISPLAY/PUNCH LINE Statement



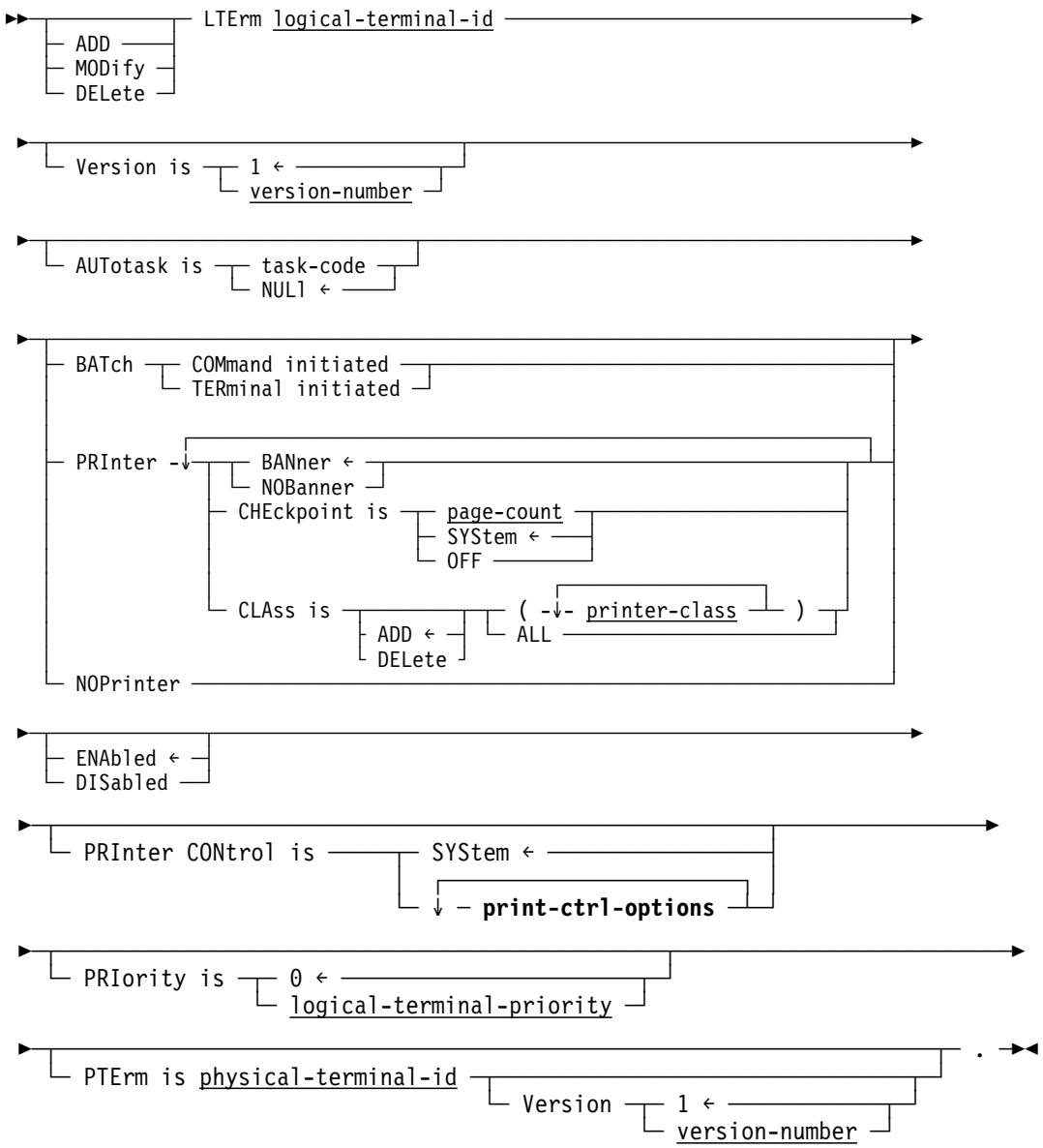
7.2 PTERM Statement



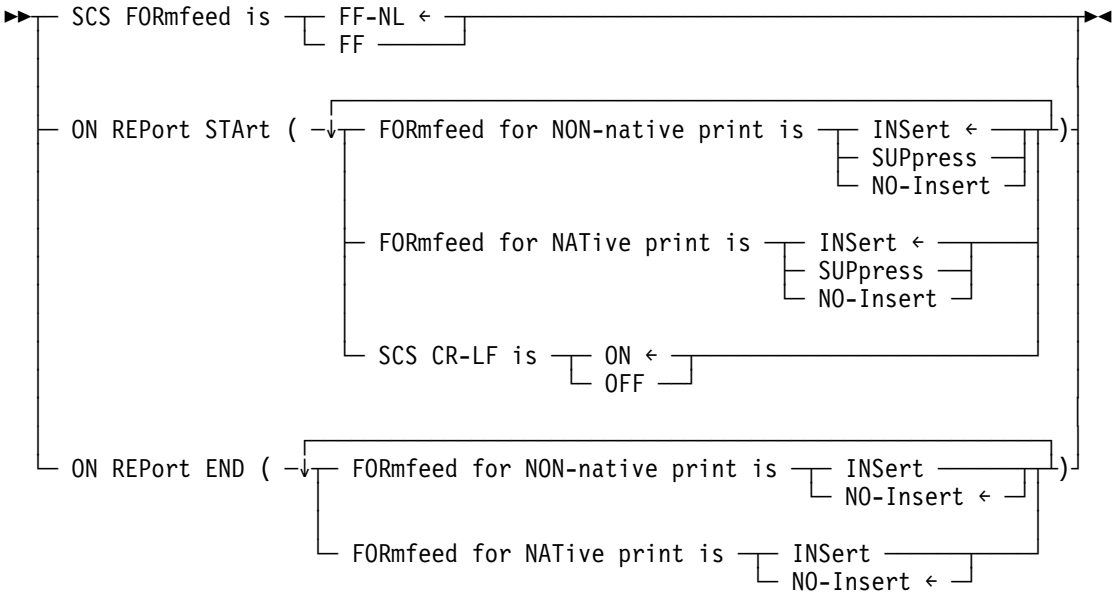
DISPLAY/PUNCH PTERM Statement


DISplay
PUNch
PTErm physical-terminal-id
Version is
1
version-number
ALL PTErms
WITh
ALSo WITh
WITHOut
DETails
HIStory
ALL
NONe
AS
COMments
SYNtax
TO
module-specification
SYSpch

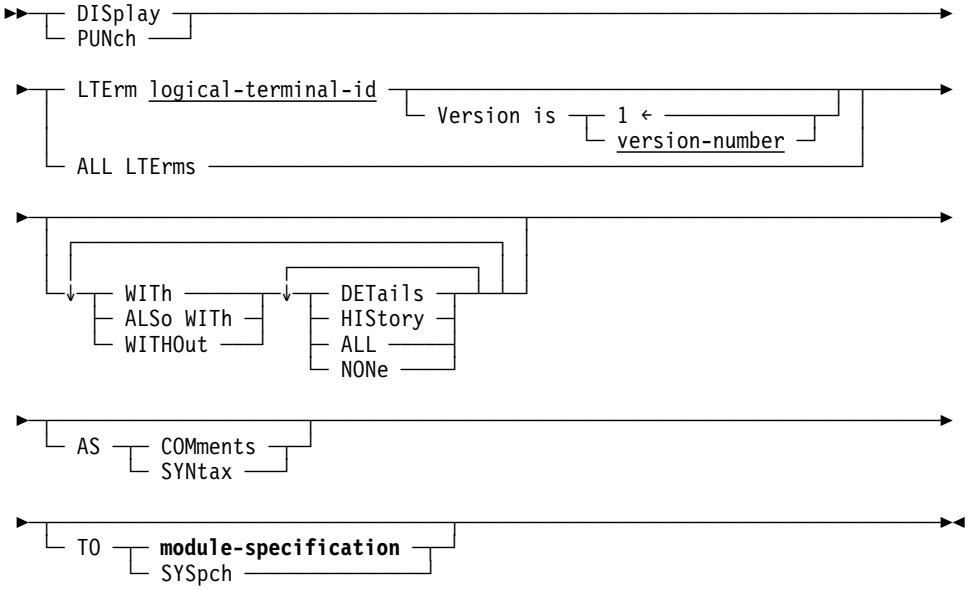
7.3 LTERM Statement



Expansion of print-ctrl-options

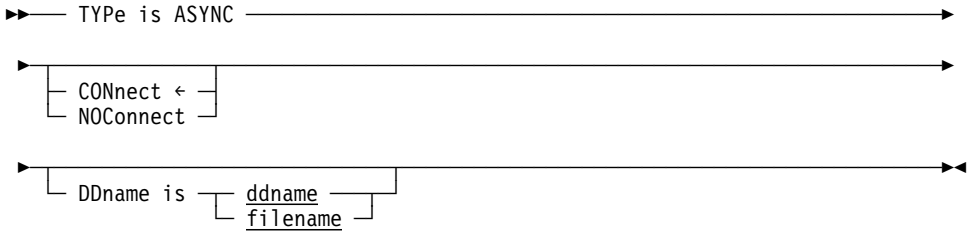


DISPLAY/PUNCH LTERM Statement

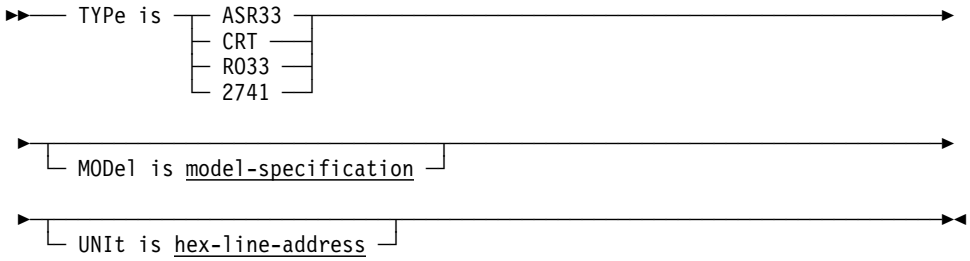


7.4 ASYNC

7.4.1 LINE statement parameters

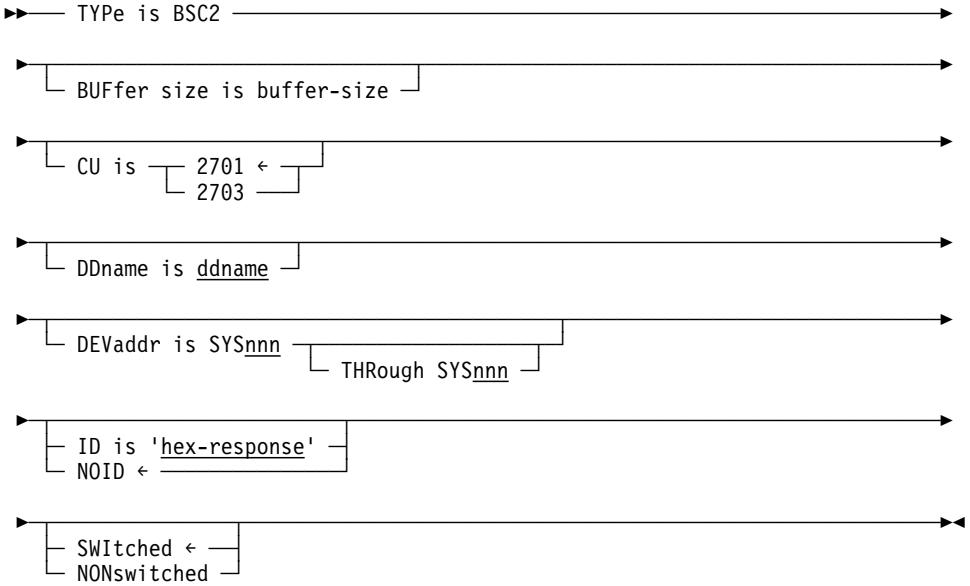


7.4.2 PTERM statement parameters

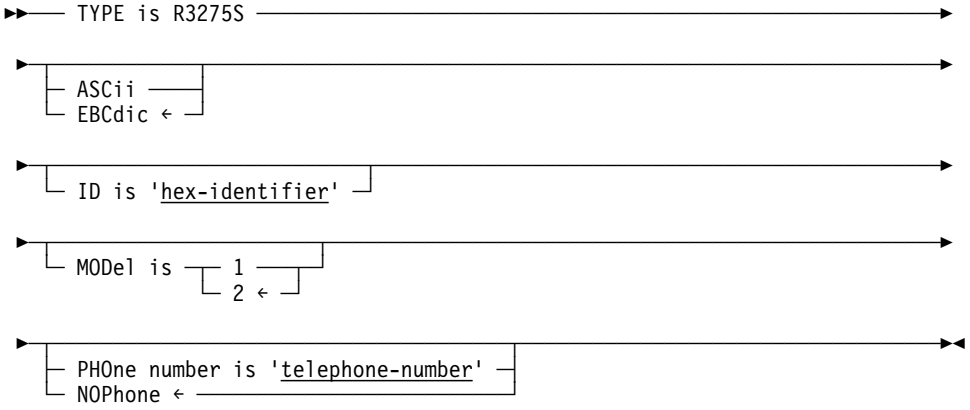


7.5 BSC2

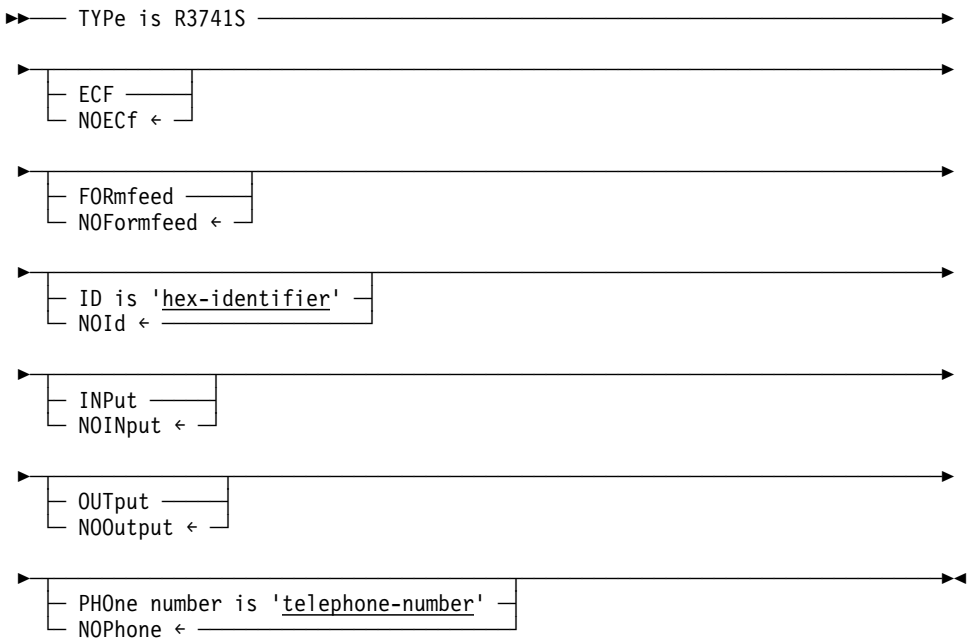
7.5.1 LINE statement parameters



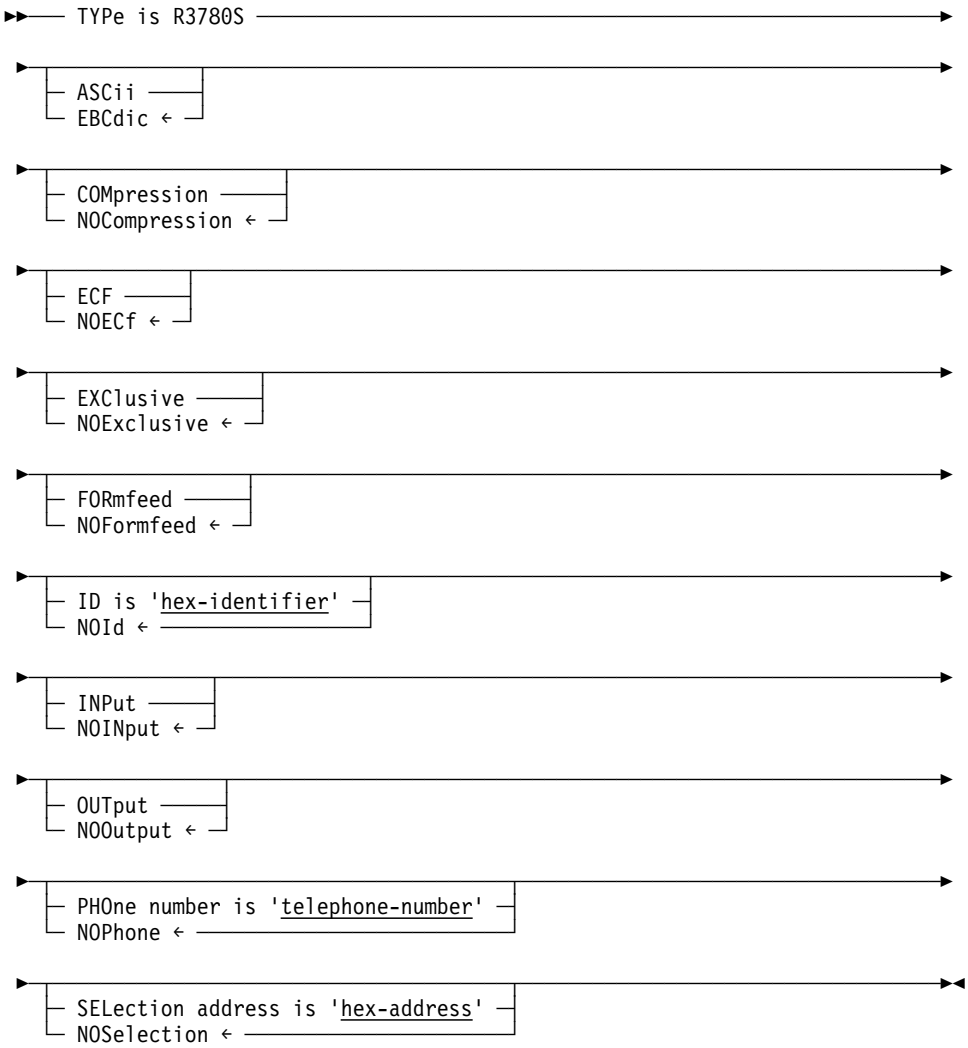
7.5.2 PTERM statement parameters for remote BTAM switched devices



7.5.3 PTERM statement parameters for remote 3741 devices

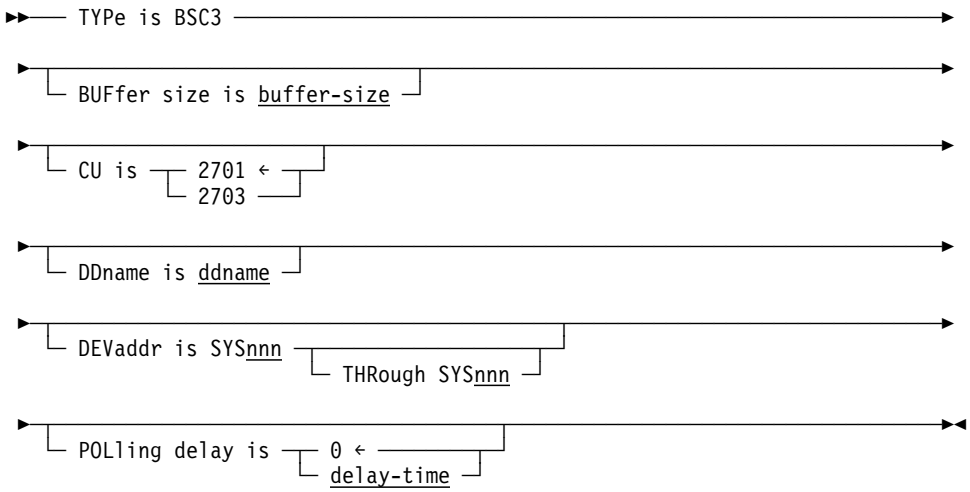


7.5.4 PTERM statement parameters for remote 3780 devices

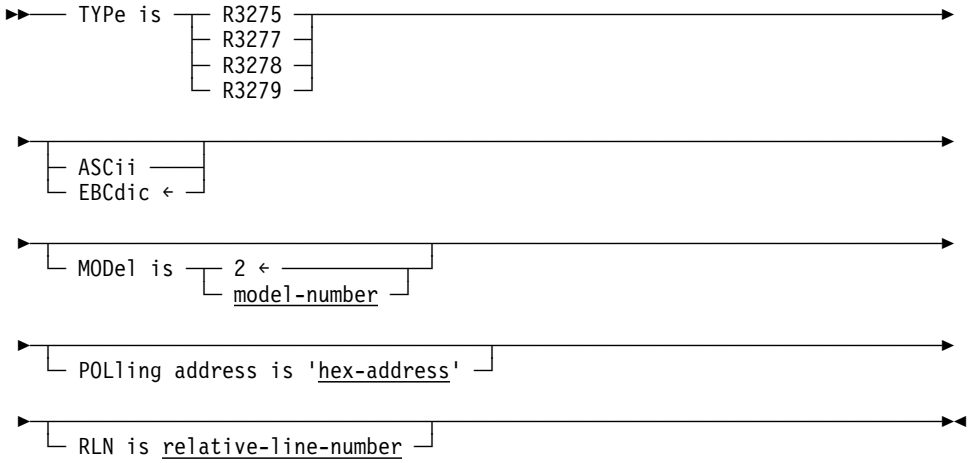

TYPe is R3780S
ASCii
EBCdic
COMpression
NOCompression
ECF
NOECf
EXClusive
NOExclusive
FORmfeed
NOFormfeed
ID is 'hex-identifier'
NOId
INPut
NOINput
OUTput
NOOutput
PHOne number is 'telephone-number'
NOPhone
SELection address is 'hex-address'
NOSelection

7.6 BSC3

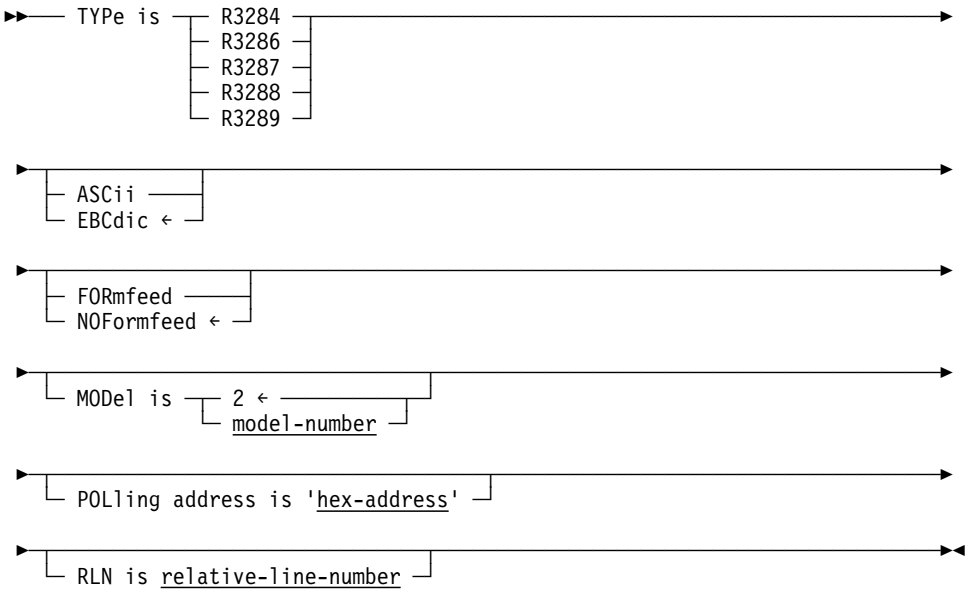
7.6.1 LINE statement parameters



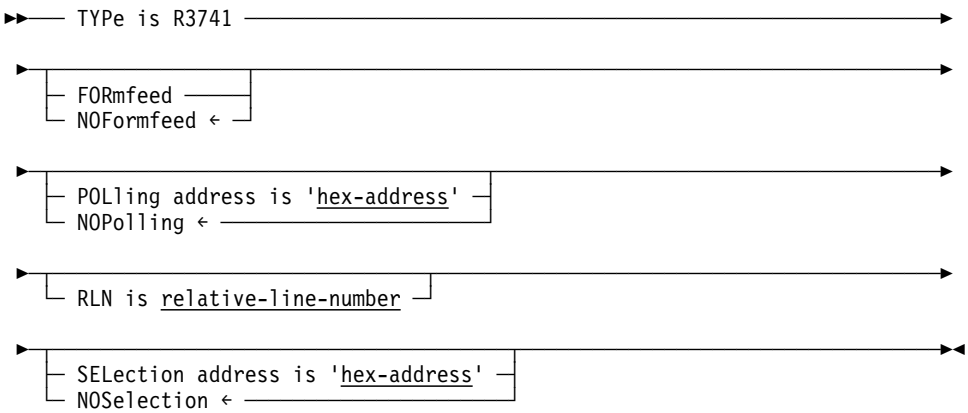
7.6.2 PTERM statement parameters for remote 3270 devices



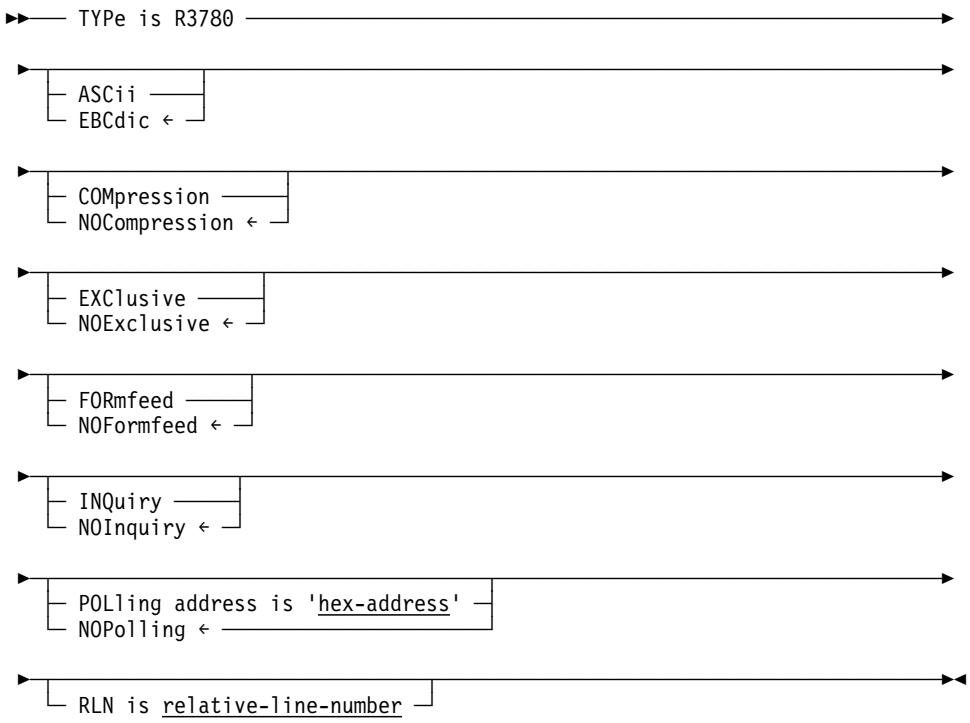
7.6.3 PTERM statement parameters for remote 3280 devices



7.6.4 PTERM statement parameters for 3741 devices

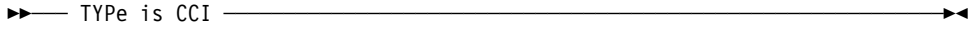


7.6.5 PTERM statement parameters for 3780 devices

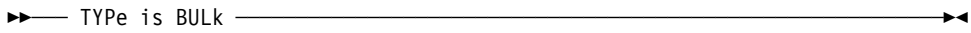

TYPe is R3780
ASCii
EBCdic ←
COMpression
NOCompression ←
EXClusive
NOExclusive ←
FORmfeed
NOFormfeed ←
INQuiry
NOInquiry ←
POLling address is 'hex-address'
NOPolling ←
RLN is relative-line-number

7.7 CCI

7.7.1 LINE statement parameter

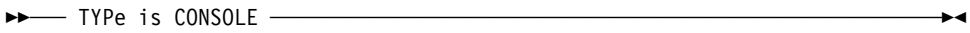


7.7.2 PTERM statement parameter

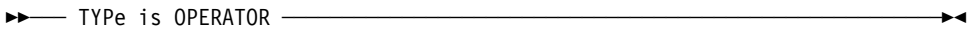


7.8 CONSOLE

7.8.1 LINE statement parameter

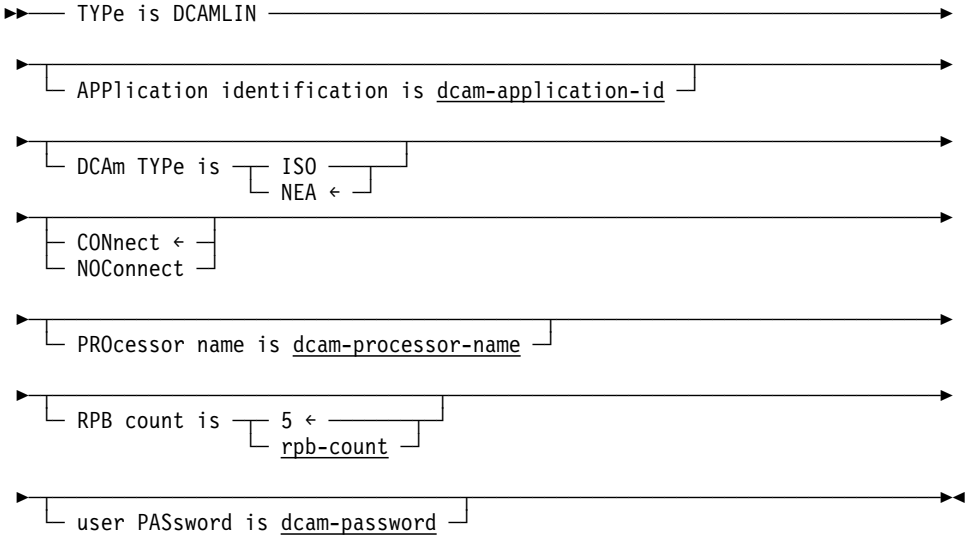


7.8.2 PTERM statement parameter

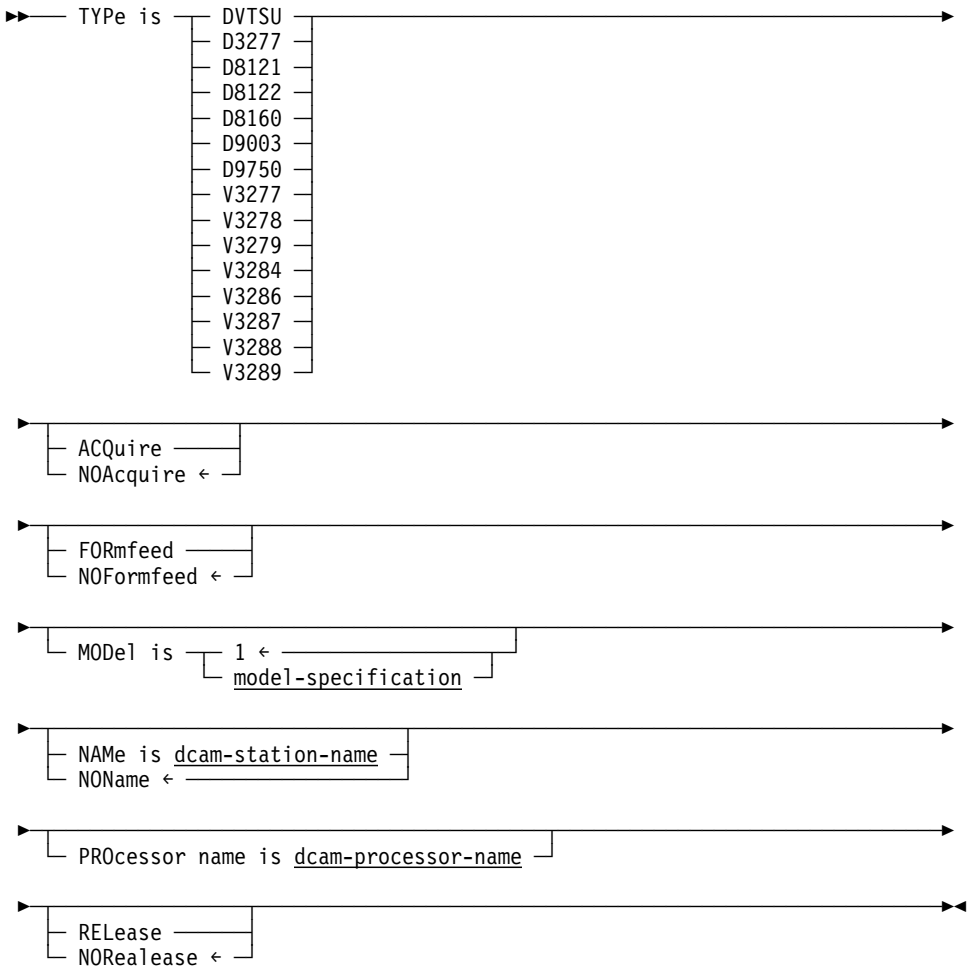


7.9 DCAMLIN

7.9.1 LINE statement parameters

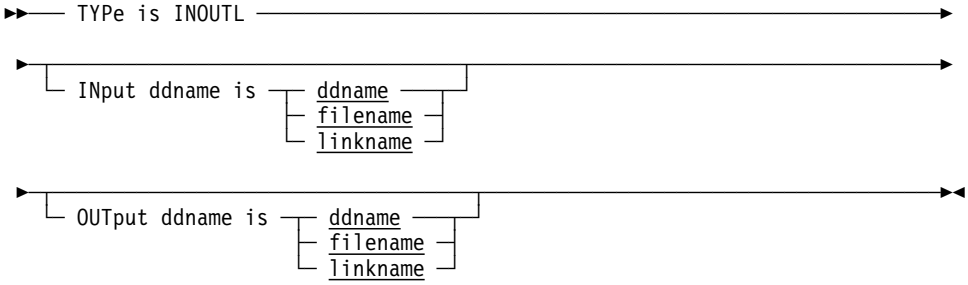


7.9.2 PTERM statement parameters

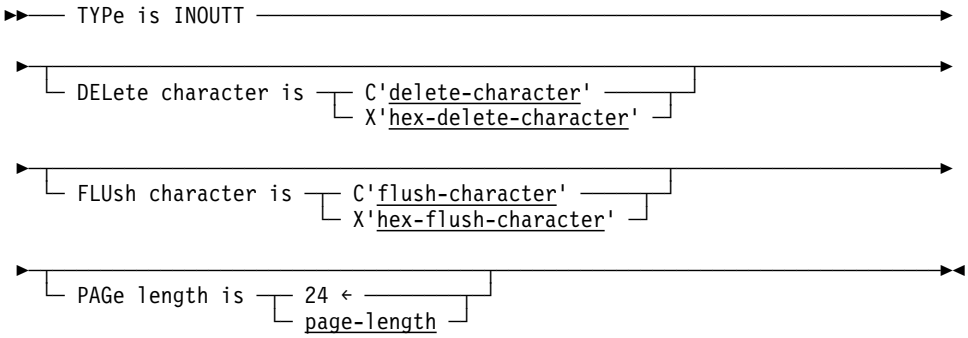

TYPe is
DVTSU
D3277
D8121
D8122
D8160
D9003
D9750
V3277
V3278
V3279
V3284
V3286
V3287
V3288
V3289
ACQuire
NOAcquire
FORmfeed
NOFormfeed
MODel is
1
model-specification
NAMe is dcam-station-name
NOName
PROcessor name is dcam-processor-name
RELease
NORealease

7.10 INOUTL

7.10.1 LINE statement parameters

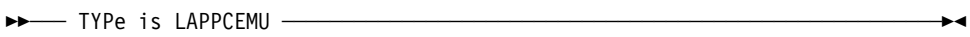


7.10.2 PTERM statement parameters

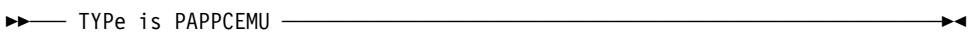


7.11 LAPPCEMU

7.11.1 LINE statement parameter

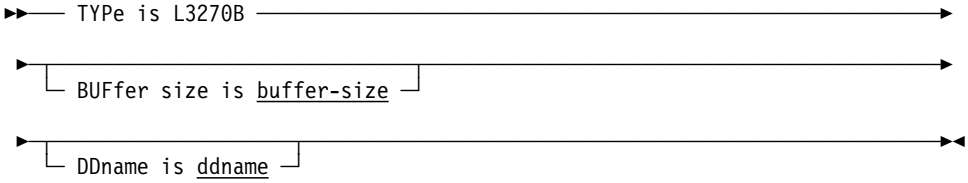


7.11.2 PTERM statement parameter

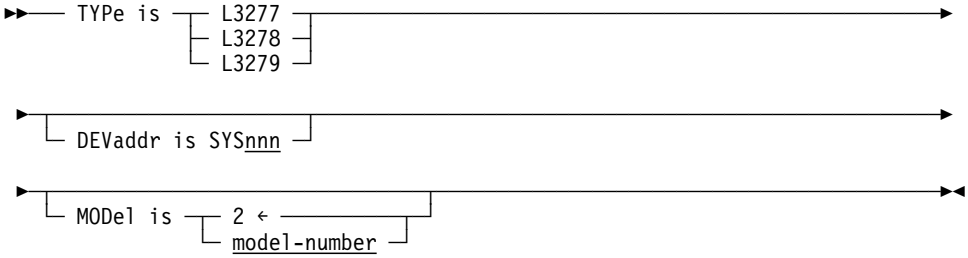


7.12 L3270B

7.12.1 LINE statement parameters

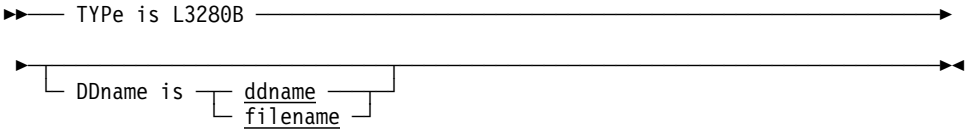


7.12.2 PTERM statement parameters

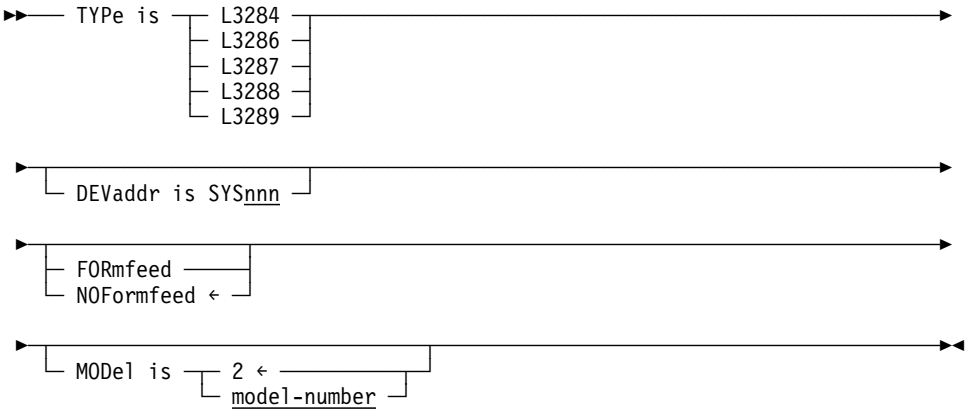


7.13 L3280B

7.13.1 LINE statement parameters

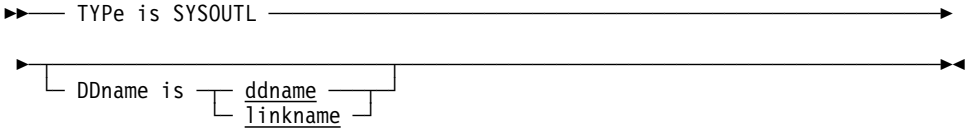


7.13.2 PTERM statement parameters

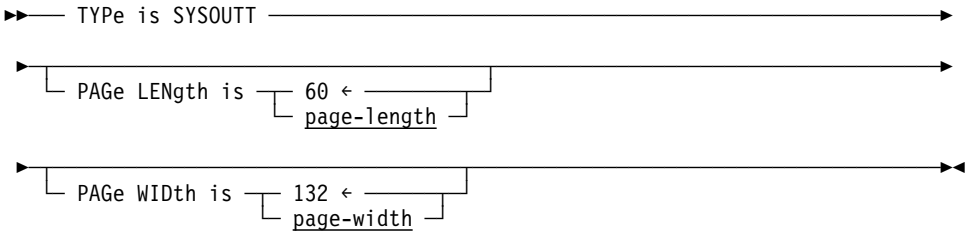


7.14 SYSOUTL

7.14.1 LINE statement parameters

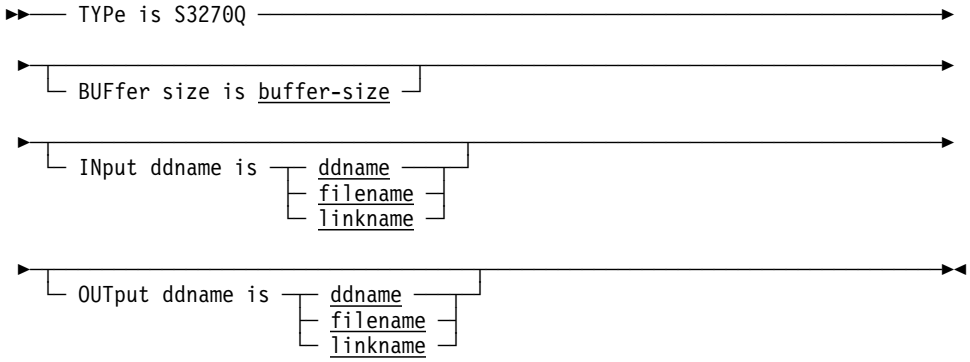


7.14.2 PTERM statement parameters

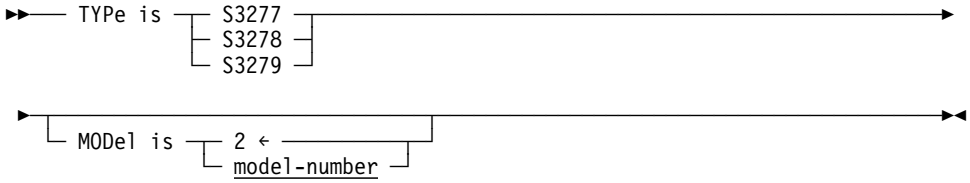


7.15 S3270Q

7.15.1 LINE statement parameters

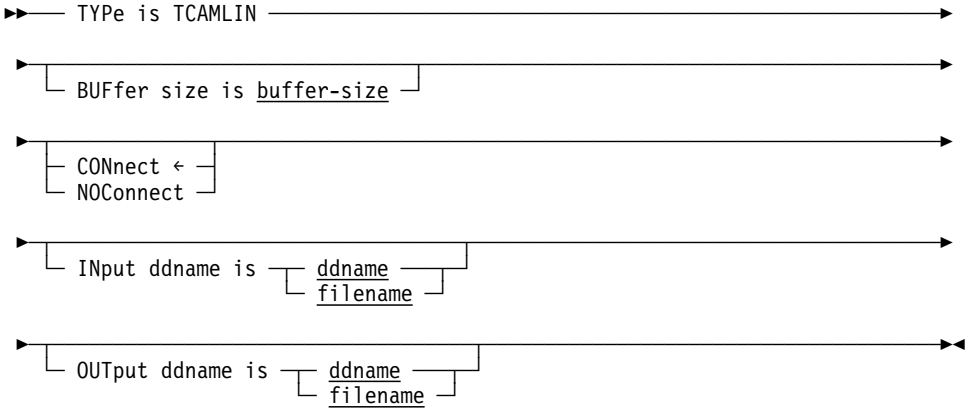


7.15.2 PTERM statement parameters

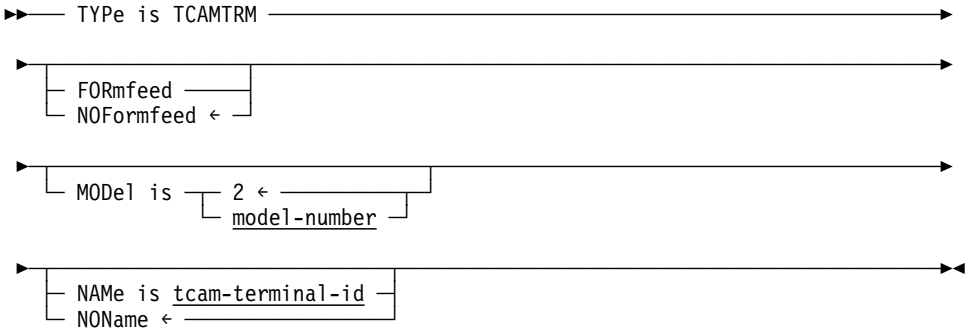


7.16 TCAMLIN

7.16.1 LINE statement parameters

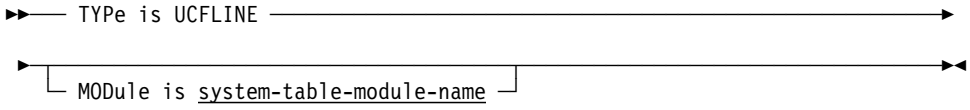


7.16.2 PTERM statement parameters

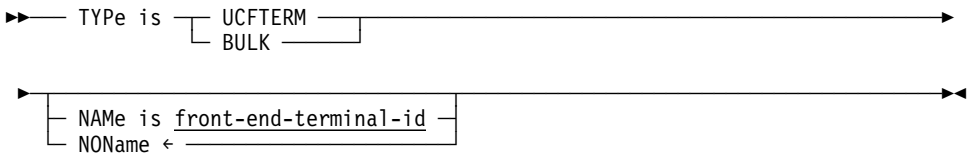


7.17 UCFLINE

7.17.1 LINE statement parameters

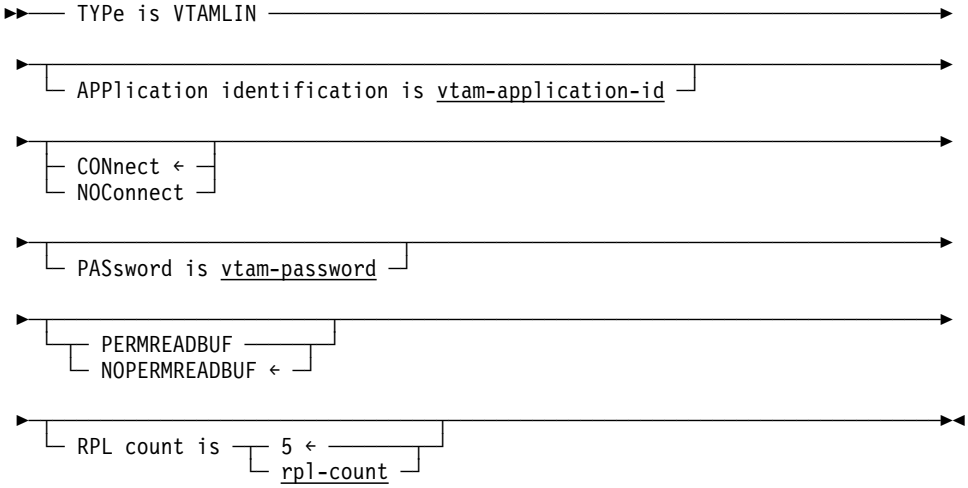


7.17.2 PTERM statement parameters

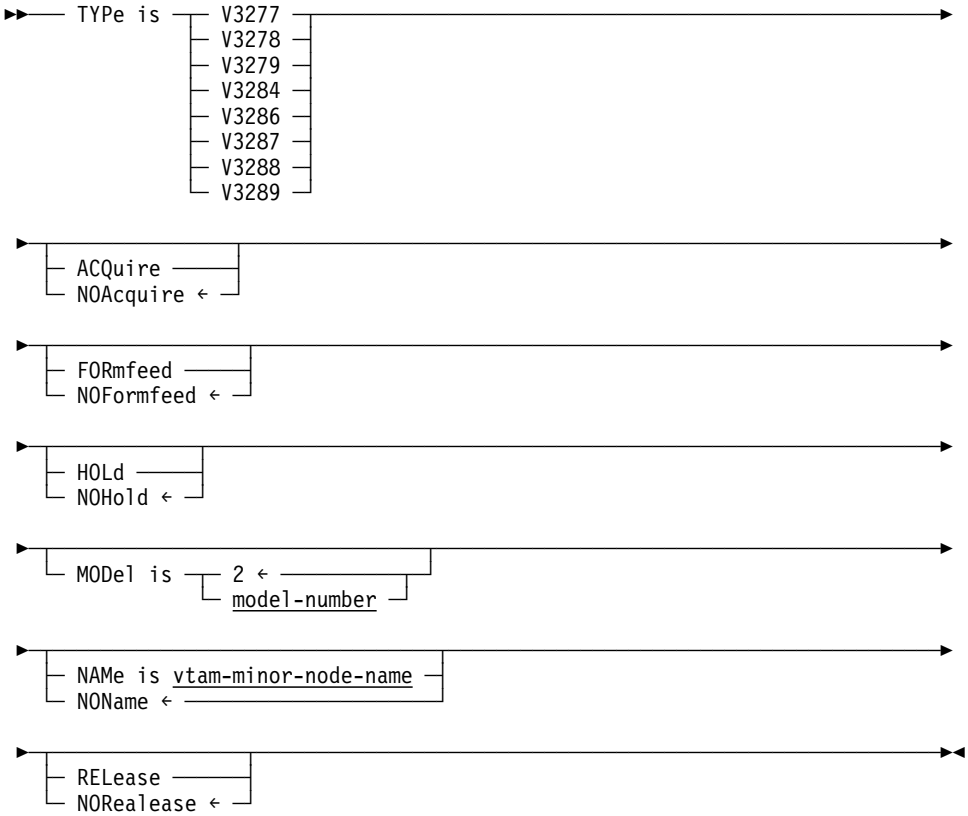


7.18 VTAMLIN

7.18.1 LINE statement parameters

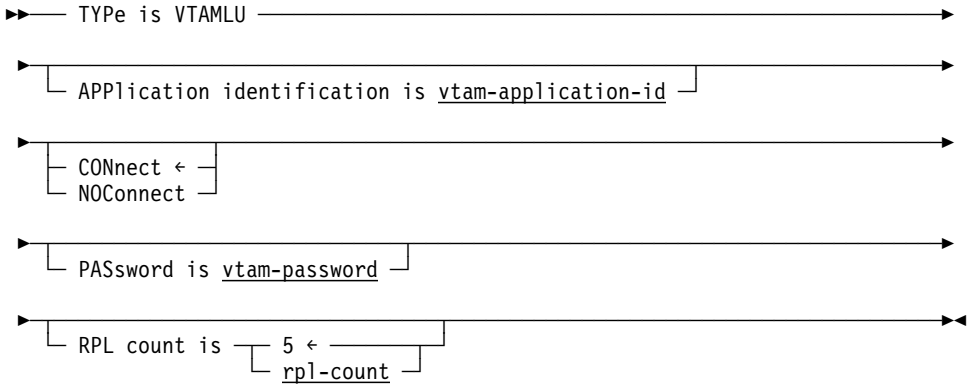


7.18.2 PTERM statement parameters

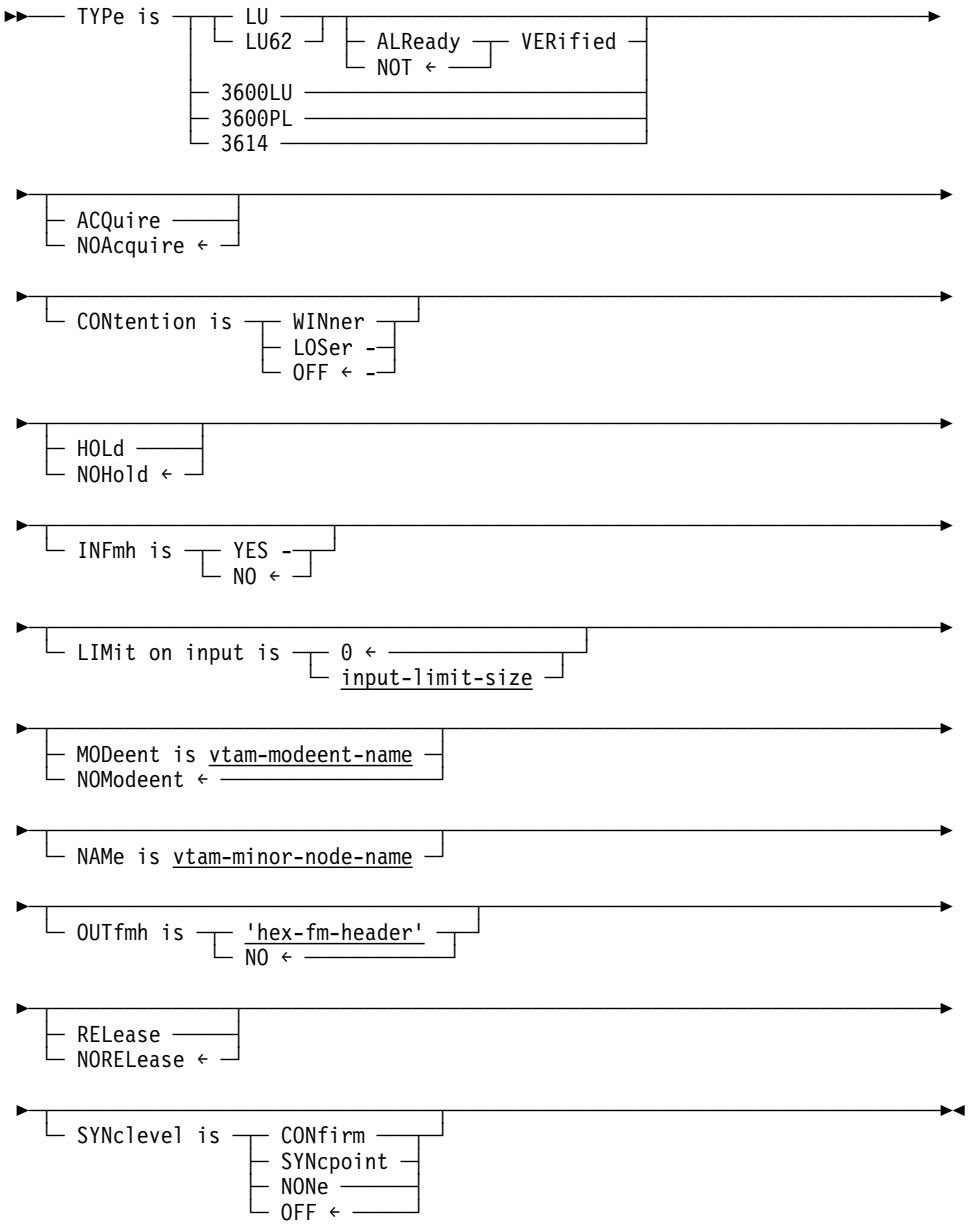


7.19 VTAMLU

7.19.1 LINE statement parameters



7.19.2 PTERM statement parameters


TYPe is
LU
LU62
ALReady
VERified
NOT ←
3600LU
3600PL
3614
ACQuire
NOAcquire ←
CONtention is
WINner
LOSer -
OFF ← -
HOLd
NOHold ←
INFmh is
YES -
NO ←
LIMit on input is
0 ←
input-limit-size
MODeent is vtam-modeent-name
NOModeent ←
NAMe is vtam-minor-node-name
OUTfmh is
'hex-fm-header'
NO ←
RELease
NORELease ←
SYNclevel is
CONfirm
SYNcpoint
NONe
OFF ←