

INTERCOMM

RELEASE 11 (at SM LEVEL 2300)

MODULES on SYMREL and MODREL

Alphabetically by:

NAME

CODES/CATEGORIES

TYPE (Csect, Dsect, Macro, etc.)

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RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
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CODE DESCRIPTIONS:

APA			Application Programming-Autogen Facility
APC			Application Programming-Macros and Facilities
APD			Application Programming-DDQ
APF			Application Programming-Store/Fetch
APM			Application Programming-MMU
APO			Application Programming-Edit/Output, Change/Display
CMD			System Commands
DBM			Generalized and Specific Data Base Interfaces
DE			Data Entry Facility
DSP			Dispatcher
FEB			Front End (general and BTAM line handlers)
FEG			GFE Front End Interface
FET			Extended TCAM Interface
FEV			VTAM Front End
FH			File Handler (File Recovery, BOF and DFA)
ITU			Installation and Testing
LP			Link-Pack Facility
LU6			LU6.2 Interface
MCR			Message Collection and Retrieval
MRS			Multi-Region Facility
MVS			Operating System Interface
PST			Performance and Statistics
RLC			Restart/Recovery, Logging and Checkpointing
RM			Resource Management
SEC			Basic Security and ESS
SNP			ESTAE/ESPIE SNAPS, ABENDs etc.
SS			Subsystem Controller and Interfaces
STC			Start-up and Closedown

NOTES:

1) There are about 1000 members listed here including 30 members released only in load module form (MODREL only) including:

IAIM.... Cross-reference scans (9)
SM..... ASMF subroutines (8)
INTASMF ASMF processing driver
IGCICSVC Intercomm Integrity SVC (IISVC)

2) Duplicates (where found) are because the member is integral to more than one Intercomm Facility (category).

3) Sorting sequence - in the WORD collating sequence - digits are lower than alpha characters, causing some members to seem out of sequence.

4) Under the TYPE column, the (L) indicates members off-loaded to Proclib by Installation step 2; the (I) indicates members generated internally by external macros coded by the user (Intercomm programmer), or table copy code (EQUates).

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NAME	TYPE	CODE	DESCRIPTION
CKFIT	Macro(I)	APA	check screen data fits in field info table
ISGATTN	Csect	APA	attribute processing-normal mode
ISGATTR	Csect	APA	revise mode-change attributes processing
ISGCNAMS	Csect	APA	field name change processing
ISGDATA	Table(I)	APA	symbolic map areas for ISGMAPS
ISGEN	Csect	APA	main processing and subroutine routing
ISGFIT	Dsect	APA	Autogen Field Descriptions-generated map
ISGLNAMS	Csect	APA	limited length field names processing-Layout screen
ISGLONGS	Csect	APA	Layout screen significant byte scan processing
ISGLYOUT	Csect	APA	Layout screen field scanning subroutine
ISGMAPS	Table	APA	Autogen screen maps
ISGNUMTY	Csect	APA	numeric field type processing for Layout screen
ISGOUT	Csect	APA	output completed map group macros
LSCAN	Macro(I)	APA	scan screen area for significant character
USCAN	Macro(I)	APA	update scan start address and length

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NAME	TYPE	CODE	DESCRIPTION
BER	Macro	APC	Branch Equal-Register (BC 8,r)
BHE	Macro	APC	Branch High or Equal (BC 11,address)
BHER	Macro	APC	Branch High or Equal-Register (BC 11,r)
BHR	Macro	APC	Branch High-Register (BC 2,r)
BINSRCH	Csect	APC	Table or index binary search routine
BLE	Macro	APC	Branch Low or Equal (BC 13,address)
BLER	Macro	APC	Branch Low or Equal-Register (BC 13,r)
BLR	Macro	APC	Branch Low-Register (BC 4,r)
BMR	Macro	APC	Branch if Mixed-Register (BC 4,r)
BNER	Macro	APC	Branch not Equal-Register (BC 7,r)
BNHR	Macro	APC	Branch not High-Register (BC 13,r)
BNLR	Macro	APC	Branch not Low-Register (BC 11,r)
BNMR	Macro	APC	Branch not Mixed-Register (BC 11,r)
BNOR	Macro	APC	Branch not Ones-Register (BC 14,r)
BNPR	Macro	APC	Branch not Positive-Register (BC 13,r)
BNZR	Macro	APC	Branch not Zeroes-Register (BC 7,r)
BOR	Macro	APC	Branch on Ones-Register (BC 1,r)
BPR	Macro	APC	Branch if Positive-Register (BC 2,r)
BZR	Macro	APC	Branch if Zeroes-Register (BC 8,r)
CALLIF	Macro	APC	conditional (if VCON resolved) subroutine call
CALLOVLY	Macro	APC	call a subroutine in (transient) overlay area
CATCH	Macro	APC	transfer storage ownership to application thread
CHKA1	Macro	APC	test parm for alphabets (A-Z) only
CHKA2	Macro	APC	test parm for alphanumeric (A-Z, 0-9) only
CHKA3	Macro	APC	test parm for alphanumeric (A-Z, 0-9, \$, #, @)
CHKA4	Macro	APC	test parm=printable characters (A-Z, 0-9, graphics)
CHKBI	Macro	APC	test a field is binary (0/1) data
CHKDE	Macro	APC	test parm for decimal numerics (0-9) only
CHKHE	Macro	APC	test parm for Hexadecimal notation (0-9, A-F)
CHKREG	Macro	APC	test parm Register value (0-15, R1-R15, RA-RF)
CHKRG	Macro	APC	test parm within permissible range
CHKRQ	Macro	APC	test for required/permissible # of sub-parms
CHKYN	Macro	APC	test parm equals YES or NO
CONVERSE	Csect	APC	Converse facility interface processing
CONVERT	Macro	APC	convert index to address/address to index
DDNFIND	Macro	APC	test if DDname defined in JCL (via TIOT)
DISABLE	Macro	APC	temporarily halt timed-out thread purging
DISPATCH	Macro	APC	request dispatcher queuing service
DWSSNAP	Csect	APC	snap COBOL DWS or PL/1 DSA area/fields subroutine
ECHOMSG	Csect	APC	request redispach msg. through subsystem
ENABLE	Macro	APC	allow timed-out subsystem thread purge
ENTER	Macro	APC	standard linkage-get save area, chain, set base
EXMVE	Macro	APC	execute a long move (S/390 MVCL substitute)
EXSS	Macro	APC	execute an SS-format instruction (CLC, OC, TR, etc.)
EXTERM	Macro	APC	extract terminal/line/device BE/FE addresses
EXTRT	Macro	APC	execute a long (256+ bytes) translate and test (TRT)
FECMDSEC	Dsect	APC	Front End control messages formats
FECMMOD	Csect	APC	Front End control message processing
FESEND	Csect	APC	queue a message for a terminal
GETDATE	Macro	APC	acquire Julian date (in register or field)
GETSEG	Csect	APC	get next message input segment
GETSPA	Macro	APC	obtain SPA address via TCBFSA

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NAME	TYPE	CODE	DESCRIPTION
HEXCON	Macro	APC	convert binary data to printable hexadecimal
ICOMTASK	Csect	APC	SUBTASK - general and special subtasks processing
IJKDELAY	Csect	APC	request timed delay for program execution
IJKPRINT	Csect	APC	print a line on SYSPRINT
IJKTRACE	Csect	APC	request printing dispatcher queues
IJKWHOIT	Csect	APC	find Csect/subsystem name from address/codes
INTDEQ	Macro	APC	dequeue from a resource
INTENQ	Macro	APC	enqueue on a resource
INTEXTR	Macro	APC	get A(MSG), A(Parmlist) passed by Subsys. controller
INTPOST	Macro	APC	post an internal ECB
INTSORT	Csect	APC	table sort subroutine
INTTABDS	Dsect	APC	Table Facility areas
INTTABLE	Csect	APC	Table Facility processing
INTTCB	Macro	APC	get ITCB address for thread/generate ITCB area Dsect
INTTIME	Macro	APC	get TIME (optimized for MVS) and Julian date
INTWAIT	Macro	APC	request processing delay/ECB wait via Dispatcher
LAYOUT	Macro	APC	format a printable character string
LINKAGE	Macro	APC	provide program linkage and system addressability
LPENTRY	Macro	APC	add user entry point to LPSPA
LPVCON	Macro	APC	generate user pseudo-entry for LPINTFC
MAPACCT	Macro	APC	specify SAM user buckets, functions
MODCNTRL	Macro	APC	request use of a dynamically loaded subroutine
MSGHDR	Macro	APC	generate Intercomm message header area description
PAGE	Csect	APC	Page Facility processing-store pages
PAGEMSG	Csect	APC	Page Facility-PAGE/SAVE commands processing subsystem
PARMLIST	Macro	APC	input parameter list area for subsystem
PASS	Macro	APC	transfer storage ownership to Intercomm (thread 0)
PGEDSECT	Dsect	APC	Page Facility-master page table area
PMIDATER	Csect	APC	return Julian date as Gregorian (mmddy)
PMIEXTRM	Csect	APC	terminal tables look-up processing for EXTERM macro
PMISNAP	Macro	APC	request a snap
PMISTOP	Macro	APC	generate table end indication/index
PMIWTO	Macro	APC	generate a WTO console message
PMIWTOR	Macro	APC	generate a WTOR console message
POOLDUMP	Csect	APC	request ICOMPOOL headers trace printout
PULTHRED	Macro	APC	get current thread #, set condition code-0 test
QCOUNT	Macro	APC	count total messages queued on a SYCTTBL
REENTSBS	Table	APC	subroutine entry definitions
REGA	Macro	APC	generate register equates-hex and decimal
REGS	Macro	APC	generate register equates-decimal only
ROUND	Macro	APC	round a binary value upwards in powers of 2
RQEDSECT	Dsect	APC	Page Facility-Response Q Element area (obsolete)
RTNLINK	Macro	APC	provide standard program return, free save area
SSCONV	Macro	APC	subsystem codes conversion processing
SSSTART	Macro	APC	start a STRT/STOP function
SSSTOP	Macro	APC	stop a STRT/STOP function
SSTEST	Macro	APC	test status of a STRT/STOP function
STALIST	Macro	APC	generate STATION macro area DSECT
STORAGE	Macro	APC	request storage area (pools/GETMAIN)
STORFREE	Macro	APC	free storage area (pools/FREEMAIN)
SUBLINK	Macro	APC	set up subroutine linkage
SUBMODS	Macro	APC	define application subroutine entry-REENTSBS

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NAME	TYPE	CODE	DESCRIPTION
SUBTASK	Macro	APC	execute a routine as a subtask
TDUMP	Csect	APC	request print one or all thread RCB chains
USRPAGEX	Csect	APC	Page Facility-page adding control user exit
USRSTSCH	Csect	APC	user exit to process generic Station Table entries
USRTRACK	Macro	APC	request SAM tracking-user bucket/function
VWTO	Macro	APC	inner generation for PMIWTO macro
VWTOLST	Macro (I)	APC	process variable message text for PMIWTO/R
VWTOR	Macro	APC	inner expansion for PMIWTOR macro
WTOMOD	Csect	APC	process PMIWTO/PMIWTOR macro requests
XASWITCH	Macro	APC	flip 24/31 processing mode

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NAME	TYPE	CODE	DESCRIPTION
BSEGMOD	Csect	APD	DDQ segmented input message processing
CREATEGF	Utility	APD	preformat BDAM data set-DDQ files
DDQDELFE	Macro(I)	APD	delete an FEB from FET table
DDQDS	Macro	APD	define DDQ data set for DDQ table
DDQDSTBL	Table	APD	sample DDQ data set table
DDQENV	Table	APD	DDQ control globals and set symbols
DDQFH	Macro(I)	APD	format File Handler parmlist and branch to call it
DDQINSFE	Macro(I)	APD	insert an FEB in FET table
DDQINTFC	Csect	APD	automatic subsystem input message processing
DDQMOD	Csect	APD	DDQ processing-queue manipulation
DDQPRINT	Utility	APD	linked load module to execute DDQPRT (MODREL)
DDQPRT	Utility	APD	DDQ data set print utility
DDQSECTS	Dsect	APD	DDQ areas DSECTS
DDQSTART	Csect	APD	DDQ start-up processing
DDQWTO	Macro(I)	APD	issue error message (PMIWTO) and dump (default)
DSEDSECT	Dsect	APD	Data Set table area
FECMDSEC	Dsect	APD	Front End Control messages formats
FECMMOD	Csect	APD	Front End Control message processing-FECMDDQ
KEYCREAT	Utility	APD	pre-format keyed-BDAM data set (QCF file)
PULTHRED	Macro(I)	APD	get current thread #, set condition code-0 test
REQONDDQ	Csect	APD	single thread restart via DDQ message queue

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NAME	TYPE	CODE	DESCRIPTION
DUMPREST	Utility	APF	linkedited SFDMPRST load module (MODREL)
INTSTORF	Csect	APF	Store/Fetch processing
KEYCREAT	Utility	APF	preformat keyed-BDAM data set (INTSTORn)
SFCOREDS	Dsect	APF	Store/Fetch (core) string header area
SFDMPRST	Utility	APF	Store/Fetch dump/restore/print utility
SFTABLE	Dsect	APF	S/F data sets table area description
STOSTART	Csect	APF	Store/Fetch data sets initialization-start-up

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NAME	TYPE	CODE	DESCRIPTION
ASMLGCH	Table	APM	LOGCHARS equate symbols for BAL program
ATTRIB	Macro	APM	Define terminal attribute codes
CHKSN	Macro(I)	APM	test parm equals SAME or NEXT
CNTLCHR	Macro	APM	Define terminal control characters for output
COBLOGCH	Table	APM	Cobol LOGCHARS symbols copy code
COMMAND	Macro	APM	Define terminal write commands
COPRE	Utility	APM	add COPY data to Cobol source (pre-compile)
DEFAULTS	Macro	APM	define editing default separator characters
DEFHSYM	Proc	APM	generate LOGCHARS language symbols via Assembler H
DEFINE	Macro	APM	define device characteristics for LOGCHARS
DEFSYM	Proc	APM	generate LOGCHARS language symbols via HLASM
DEVICE	Macro	APM	define device characteristics for formatting/editing
DEVLSTC	Dsect	APM	DEVICE macro area description
DEVSETNG	Table(I)	APM	alphanumeric MMU device code EQUates
DVMODIFY	Macro	APM	modify Back End device characteristics, or DSECT
ENDFLD	Macro(I)	APM	delimit FIELD macro generation within SEGMENT
ENDGROUP	Macro	APM	declare end-of-map-group definitions
ENDMAP	Macro(I)	APM	delimit MAP generation within MAPGROUP
ENDSEG	Macro(I)	APM	delimit SEGMENT generation within MAP
EXSS	Macro(I)	APM	execute an SS-format instruction
EXTERM	Macro(I)	APM	extract terminal station/device addresses
FIELD	Macro	APM	define a map's field characteristics
FINDDD	Macro(I)	APM	find DDM address based on Devtype
FLDGEN	Macro(I)	APM	FIELD-generate internal field area in map
FLDSYM	Macro(I)	APM	FIELD-generate symbolic field labels
FLDVALS	Macro(I)	APM	FLDGEN-FIELD type values table
GETPHYS	Macro(I)	APM	convert logical code to physical code from LOGCHARS
HEXSETC	Table(I)	APM	hex SETC symbols for hex parm values (DEFINE)
INITLN	Macro(I)	APM	FIELD-check INITIAL parm values
LMAP	Csect	APM	LMAP - dynamically load map group to S/F data set
LOADMAP	Utility	APM	load map(s) from PDS to INTSTORn
LOADMAPS	Utility	APM	linkedited LOADMAP load module (MODREL)
LOGCHARS	Table	APM	device description tables-editing/formatting
MAP	Macro	APM	define a map area
MAPGEN	Macro(I)	APM	MAP-generate internal map area
MAPGROUP	Macro	APM	define a logical group of maps
MAPIN	Csect	APM	input mapping processing
MAPOUT	Csect	APM	output mapping processing
MAPSYM	Macro(I)	APM	MAP-generate symbolic map area
MCBDSECT	Dsect	APM	MMU/subsystem MCB interface control block area
MDCAREA	Dsect	APM	Device Description Module interface block
MMUASM	Table(I)	APM	global set symbolic map type=ASM
MMUCOB	Table(I)	APM	global set symbolic map type=COB
MMUCOMM	Csect	APM	MMUC command processing for MMU maps
MMUDDM	Csect	APM	3270 CRT device dependent processing
MMUDDMM	Csect	APM	generalized device (TTY, etc.) dependent processing
MMUDDMT	Csect	APM	Dataspeed 40/1 and 2 device dependent processing
MMUDDMU	Csect	APM	3270 Printer device dependent processing
MMUDDMWK	Dsect	APM	DDM work area description
MMUDDMX	Csect	APM	string record device dependent processing
MMUDSECT	Dsect	APM	Map, Map Group, Segment, Field area descriptions
MMUED001	Csect	APM	editing subroutine-COND=ENTERED fields

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NAME	TYPE	CODE	DESCRIPTION
MMUED002	Csect	APM	editing subroutine-character strings
MMUED003	Csect	APM	editing subroutine-numeric fields
MMUED008	Csect	APM	YES/NO, logical CNTL char. fields editing
MMUICDST	Dsect	APM	symbolic data control prefix field area
MMUNFDST	Dsect	APM	internal normal form area-edited data
MMUPLI	Table(I)	APM	global set symbolic map type=PLI
MMUSTART	Csect	APM	MMU start-up initialization
MMUTRTS	Table(I)	APM	Translate/test tables for editing routines
MMUVT	Macro	APM	define MMU Vector parms, or DSECT
MMUVTBL	Table	APM	sample MMU Vector table
MPGGEN	Macro(I)	APM	MAPGROUP-generate internal map group area
MPGSYM	Macro(I)	APM	MAPGROUP-generate symbolic map group name
NUMITEM	Macro(I)	APM	FLDSYM-construct COB/PLI numeric fields
PAD	Macro(I)	APM	pad a label with low-order blanks
PLILOGCH	Table	APM	LOGCHARS values for PLI programs
PMIEXTRM	Csect	APM	terminal tables look-up processing for EXTERM macro
PMISTATB	Table	APM	sample Back End STATION table - msg. edit/format
RPT00028	Table	APM	LMAP response messages
SCAFACT	Macro(I)	APM	FIELD-set scaling factor-numeric fields
SEGGEN	Macro(I)	APM	SEGMENT-generate internal segment area
SEGMENT	Macro	APM	define a map segment-group of fields
SEGSYM	Macro(I)	APM	SEGMENT-generate symbolic segment area
SENDMAP	Macro(I)	APM	symbolic map processing-end of map, map group
SENDSEG	Macro(I)	APM	symbolic map processing-end of segment
STADEV	Macro(I)	APM	get terminal station/device addresses
STATION	Macro	APM	define terminal for Back End processing
SYMGEN	Proc	APM	generate symbolic map for program COPY via HLASM
SYMHGEN	Proc	APM	generate symbolic map for program COPY via Assembler H
USRSTSCH	Csect	APM	user exit to process generic Station Table entries

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NAME	TYPE	CODE	DESCRIPTION
ALTREPRT	Dsect	APO	Alternate report table DSECT
BCGROUP	Macro	APO	Define Broadcast messages terminal group
BROADRTN	Csect	APO	Broadcast messages handler with time delay
BRODSECT	Dsect	APO	Broadcast terminal group table area
CHANGE	Csect	APO	Change a file record processing (C/D)
CK3270	Macro(I)	APO	ITEM-set SBA address from relative position
CRUNCH	Csect	APO	delete trailing blanks/zeros for output msg (C/D)
DEVICE	Macro	APO	define device characteristics for formatting/editing
DEVLSTC	Dsect	APO	DEVICE macro area description
DISPLAY	Csect	APO	prepare file record for output utility (C/D)
EDIT000	Csect	APO	determine alpha field length
EDIT001	Csect	APO	validate and pack a numeric field
EDIT002	Csect	APO	validate and convert numeric field to binary
EDIT003	Csect	APO	strip \$ and decimal point, convert to packed
EDIT004	Csect	APO	edit a key with check digit
EDIT005	Csect	APO	convert YES/NO to 1/0
EDIT006	Csect	APO	validate TID in station table
EDIT007	Csect	APO	determine numeric field length
EDIT008	Csect	APO	convert dollar field to binary
EDIT009	Csect	APO	edit alphameric field with leading zeros
EDIT3270	Csect	APO	3270 formatted input message editing
EDITPRMC	Table	APO	editing parms table for editing subroutines
EXTERM	Macro(I)	APO	extract terminal station/device addresses
FDETL	Macro	APO	define file record data field (C/D)
FDHDR	Macro	APO	define file record for file table (C/D)
FDRLIST	Macro(I)	APO	generate File Description Record area Dsect (C/D)
FORMAT	Csect	APO	edit change/display data fields (C/D)
FORMGEN	Csect	APO	process user FGEN OFT display command
FTBLSTC	Dsect	APO	File Description Table area (C/D)
GENFTBLE	Macro	APO	generate File Table entry for C/D
ICOMSSCS	Table	APO	Cobol copy code for VMI's and SS codes (E/O, C/D)
ITEM	Macro	APO	define a field/element for output line formatting
LINE	Macro	APO	define a print line for output formatting
PADD	Macro	APO	define pad character for editing routines
PADDTBLE	Table	APO	editing pad characters for edit and output
PARM	Macro	APO	define data unit for input transaction editing
PATRN	Macro	APO	define editing pattern for output msg. field (C/D)
PMIALTRN	Macro	APO	specify alternate output reporting formats
PMICKFTB	Csect	APO	start-up File Table checking: DD names, DCBs
PMIDEVTB	Table	APO	sample Back End DEVICE description table
PMIDVASN	Csect	APO	process DVASN segmented output message editing
PMIEDIT	Csect	APO	input message editing
PMIELIN	Macro	APO	line delimiter for positional transaction editing
PMIEXLD	Utility	APO	linkedited PMILOAD load module (MODREL)
PMIEXTRM	Csect	APO	terminal tables look-up processing
PMIFILET	Table	APO	required files sample table (C/D, E/O)
PMIFIXED	Csect	APO	fixed length positional input fields editing
PMILOAD	Utility	APO	load tables to DES000/VRB000/RCT000 files
PMIOUTPT	Csect	APO	Output message formatting subsystem
PMIRCEND	Table	APO	resident OFT (Reports) tables delimiter
PMIRCNTB	Table	APO	resident OFT (Reports) tables prefix
PMISERC3	Csect	APO	find a file entry, item code (E/O, C/D)

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NAME	TYPE	CODE	DESCRIPTION
PMISTATB	Table	APO	sample Back End STATION table
PMITRTAB	Table	APO	table for alphanumeric TRT; A-Z, 0-9 (E/O)
PMIVERBS	Table	APO	sample Edit Control Table-Intercomm verbs (E/O)
PMIVMI56	Csect	APO	3270 CRT output formatting-variable data only
PRT1403	Utility	APO	print Batch Report Tables file (E/O)
PTRNTBLE	Table	APO	sample output field edit patterns (C/D)
RCTLISTC	Dsect	APO	REPORT/LINE/ITEM areas description
REPORT	Macro	APO	define output format table entry
REPTABLE	Dsect	APO	Company/Terminal/Report information-Output
REPTAPE	Table	APO	sample output Batch Report Table (E/O)
RPT00001	Table	APO	C/D-CHANGE successful/did not take place msgs.
RPT00002	Table	APO	E, C/D-FIELD NOT FOUND IN FDR, Edit routine missing
RPT00003	Table	APO	C/D-File Table error messages
RPT00004	Table	APO	C/D-error messages re C/D tables
RPT00005	Table	APO	C/D-keyed files error messages
RPT00006	Table	APO	O-Output Utility error messages
RPT00007	Table	APO	File Description Record layout-FGEN command C/D, O
RPT00010	Table	APO	E-numeric field exceeded maximum size
RPT00011	Table	APO	E-repetitive parameter-more than 255 entries
RPT00012	Table	APO	E-parameter erroneously supplied twice
RPT00013	Table	APO	E-parameter change not allowed
RPT00014	Table	APO	E-parameter delete not allowed
RPT00015	Table	APO	E-repetitive parameter not entered correctly
RPT00016	Table	APO	E-repetitive parameter-number too large
RPT00017	Table	APO	E-verb not defined in Edit table (PMIVERBS)
RPT00018	Table	APO	E-repetitive parameter-number not numeric
RPT00019	Table	APO	E-data entered exceeded field size after editing
RPT00020	Table	APO	E-field data entered greater than 250 characters
RPT00021	Table	APO	E-invalid parameter data entered
RPT00022	Table	APO	E-required parameter omitted-msg. cancelled
RPT00023	Table	APO	E-attempted to change parm more than once
RPT00024	Table	APO	E-parameter change for no-change verb
RPT00025	Table	APO	E-missing EOT error message
RPT00026	Table	APO	C/D, O-'END OF REPORT' line for other displays
RPT00027	Table	APO	E-too many parms entered for the one line
RPT00029	Table	APO	E-non-numeric character in numeric field
RPT00030	Table	APO	E-numeric field exceeded 4,200,000,000
RPT00031	Table	APO	E-DOLLAR FIELD MISSING DECIMAL POINT
RPT00032	Table	APO	E-Check digit error
RPT00033	Table	APO	E-YES/NO parameter not correctly entered
RPT00034	Table	APO	E-TPU-id entered as a parameter-not 5 characters
RPT00035	Table	APO	E-TPU-id entered as a parameter-not in Station Table
RPT00038	Table	APO	E-LINE n TOO LONG
RPT00039	Table	APO	E-too many parms entered-not defined
RPT00041	Table	APO	(unused)
RPT00048	Table	APO	E-editing routine is missing
RPT00050	Table	APO	O-Output utility error messages
RPT99999	Table	APO	dummy (PMISTOP) end of reports indicator
SRCPARMS	Dsect	APO	binary search parms area (PMIEXTRM)
STADEV	Macro (I)	APO	extract station/device addresses for terminal
STATION	Macro	APO	define terminal for Back End processing
TERMCONV	Csect	APO	find terminal # within company, security index pointer

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
USRSTSCH	Csect	APO	user exit to process generic Station Table entries
USRVERBS	Table	APO	dummy copy code-user VERB, etc. macros in PMIVERBS
VERB	Macro	APO	define transaction for editing by Edit Utility
VERBGEN	Macro	APO	prevent PARM macro expansion for non-resident VERB
VERBTBL	Macro(I)	APO	generate Edit Control Table DSECT

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
BLHSTRC	Csect	CMD	LTRC (LU/line trace) command processing
BLHTRACE	Csect	CMD	issue line trace snaps (BTAM)
BSTAT2	Csect	CMD	STAT-display terminal/line status
BTMDSECT	Dsect	CMD	Front End response message area (TPUMSG)
BTMSG	Macro(I)	CMD	generate Front End response message (TPUMSG)
BVBASE	Macro(I)	CMD	set BTAM/VTAM tables addressability
CHANGE	Csect	CMD	CHNG command processing subsystem
CHCKPTSS	Csect	CMD	CKPT checkpoint request subsystem
CLOSDWN3	Csect	CMD	NRCB/IMCD closedown subsystem
COPYSS	Csect	CMD	COPY 3270 CRT data subsystem (BTAM)
CPLUNCSS	Csect	CMD	COPT/UNPT TOTAL couple processing subsystem
CPUIDSND	Csect	CMD	CPUD - 3735 terminal CPU-id request
DISPLAY	Csect	CMD	DSPL command processing
DYNSSUP	Csect	CMD	FTUN/SSUP SYCTTBL dynamic change processing
FDPLOAD	Utility	CMD	load FDP's to BDAM data set from PDS for 3735
FDPSEND	Csect	CMD	FDPS - 3735 terminal-send FDP list request
FECMD	Csect	CMD	process/route Front End control commands
FEERR	Macro(I)	CMD	generate Front End command response message
FEMSG	Csect	CMD	message formatting-Front End command responses
FEMSGEQU	Table(I)	CMD	Front End message numbers EQUates
FEWHOI	Csect	CMD	WHOI/WHOU display terminal characteristics
FINTUNER	Csect	CMD	BEGN/DELY etc. processing subsystem
FORMGEN	Csect	CMD	user FGEN OFT display processing subsystem
GPSS	Csect	CMD	General Purpose Subsystem-commands interface
ICOMDYNL	Csect	CMD	LOAD dynamic linkedit processing
ICOMVCON	Csect	CMD	LOAD dynamic linkedit-relocate external references
INTSEC02	Csect	CMD	SECU command processing (ESS)
INTSTROB	Csect	CMD	STRB command processing
IXFCTRL	Csect	CMD	FILE command processing
IXFDYALC	Csect	CMD	FILE command dynamic alloc/dealloc file
IXFRPT01	Csect	CMD	FHST-file and LSR statistics command processing
LMAP	Csect	CMD	LMAP - dynamically load map group to S/F data set
LOADSCT	Csect	CMD	LOAD command processing subsystem
MMUCOMM	Csect	CMD	MMUC command for MMU maps subsystem
MRCONSS	Csect	CMD	Multi-region control commands subsystem (COMM)
MRMOD	Csect	CMD	LOKR/ULKR RAP commands processing
PAGEMSG	Csect	CMD	PAGE/SAVE Page Facility commands subsystem
PMISIGN	Csect	CMD	ASGN/DSGN, SIGN security commands subsystem
RPT00009	Table	CMD	FINTUNER response messages
RPT00017	Table	CMD	FGEN command error messages
RPT00026	Table	CMD	END OF REPORT line for statistics displays
RPT00028	Table	CMD	LMAP response messages
RPT00036	Table	CMD	Basic Security error messages
RPT00037	Table	CMD	Basic Security error messages
RPT00043	Table	CMD	TALY command statistics displays
RPT00045	Table	CMD	STAT/COMM/VTST/FILE status displays
RPT00046	Table	CMD	FHST command error messages
RPT00047	Table	CMD	FHST command displays-summary and detail
RPT00049	Table	CMD	SECU command messages
SENDBACK	Csect	CMD	SNBK command-terminal echo msg. subsystem
SNAPRTN	Csect	CMD	SNAP/ABND dump requests processing
STRTSTOP	Csect	CMD	STRT/STOP function commands processing

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
SWITCH	Csect	CMD	SWCH message to another terminal subsystem
SYSCNTL	Csect	CMD	SCTL - system display/debug processing
TALLY	Csect	CMD	TALY system Qs/status display processing
TPUMSG	Csect	CMD	Network Control commands processing (BTAM/TCAM)
TUNRBEGN	Csect	CMD	issue a BEGN message for delayed subsystem
VTAMSTAT	Csect	CMD	VTST command status display processing
VTLUCMD	Csect	CMD	VTAM Front End control commands processing
VTTRACEV	Csect	CMD	LTRC - issue Logical Unit trace snaps (VTAM)

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
ABTOTEND	Csect	DBM	TOTAL subtask abnormal end processing
ATTOTRS	Utility	DBM	Attach PMITOTRS for TOTAL files backout
AUTORCVR	Csect	DBM	Automated Restart - Data Base restart
AUTORSET	Utility	DBM	Auto-Restart TOTLOGSW file initialization
CPLUNCSS	Csect	DBM	COPT/UNPT TOTAL couple commands processing
CSITA014	Csect	DBM	TOTAL region logging user exit
DATBASXT	Csect	DBM	TOTAL batch region-coordinate checkpointing
DBCHKDSP	Csect	DBM	Data Base CHECKPT (Csect) dispatching
DBMCHECK	Csect	DBM	G.D.B. checkpointing-DBM Region
DBRSTRT	Csect	DBM	Data Base SS message restart processing
DLIB	Dsect	DBM	DL/I interface block area
GDBSTUP	Csect	DBM	Generalized Data Base support start-up
ICOMFEOF	Utility	DBM	set EOF for end of TOTAL log after hardware crash
ICOMPCB	Macro	DBM	create COBOL DL/I interface table
IGC250	Csect	DBM	inter-region SVC for data base region (DL/I)
IJKDSP02	Csect	DBM	DBMS multitasking interface-DB region
MTASTUP	Csect	DBM	Metabase Data Base interface-Model 204
PDATABASE	Csect	DBM	resident subsystem interface to TOTAL
PMITOTRS	Utility	DBM	TOTAL files restore (backout)
PURGEQ	Csect	DBM	Generalized Data Base restart purging
REQONDDQ	Csect	DBM	single thread restart via msg. DDQ (TOTAL)
SBTSKDLI	Csect	DBM	DL/I-processing subtask
STARTDLI	Csect	DBM	DL/I-interface start-up initialization
TICDLICM	Csect	DBM	DL/I-provide PCB addresses for subsystem
TOTAREOF	Utility	DBM	TOTAL - recover EOF for TOTAL Log data sets
TOTCHKPT	Csect	DBM	TOTAL checkpointing
TOTCLOSE	Csect	DBM	TOTAL closedown processing
TOTFLGEN	Macro	DBM	generate TOTAL file table
TOTSTART	Csect	DBM	TOTAL start-up initialization
USRSEREX	Csect	DBM	serial restart-new input control user exit

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
BETAMOD	Macro(I)	DE	Define Betacomm Application Program name
CREATEGF	Utility	DE	preformat BDAM data set (screen file)
DRDISK	Macro(I)	DE	interface to File Handler CALL
DRDUSUB	Macro(I)	DE	generate Betacomm subsystem interface area
DRFMFIND	Macro	DE	find a format name from the format number
DRFORM	Macro	DE	define table of format names for format numbers
DRHELP	Macro(I)	DE	set up HELP response with error msg. id
DRINIT	Macro(I)	DE	subroutine initialization-linkage, usings, etc.
DRMOVE	Macro(I)	DE	interface to Betacomm input msg. editing routine
DRMVCL	Macro(I)	DE	execute a long move-more than 255 bytes
DRNXTP	Macro(I)	DE	subroutine exit-define next routine to use
DRPOS	Macro(I)	DE	convert row/column/model # to SBA address
DRSAVE	Macro(I)	DE	save a data string for next input message
DRTAB	Macro(I)	DE	generate input command editing area
DRUSCALL	Macro(I)	DE	call user on-line editing exit routine
DRUSPARM	Macro(I)	DE	generate user exit parameter list
DRXMIT	Macro(I)	DE	interface to FESEND-output message-CALL
IBOPSYS	Table(I)	DE	operating system/monitor global set symbols
INSC	Macro(I)	DE	generate 3270 insert cursor command
INTBETAI	Csect	DE	Data Entry routing/interface processing
INTDE010	Csect	DE	process sign-on
INTDE020	Csect	DE	process mode selection
INTDE030	Csect	DE	start Enter mode
INTDE040	Csect	DE	start Verify mode
INTDE050	Csect	DE	restart Enter mode
INTDE060	Csect	DE	restart Verify mode
INTDE070	Csect	DE	start Correct mode
INTDE071	Csect	DE	Correct mode processing
INTDE080	Csect	DE	start Scan mode
INTDE081	Csect	DE	Scan mode processing
INTDE090	Csect	DE	terminate Data Entry session
INTDE110	Csect	DE	restart interrupted batch
INTDE200	Csect	DE	Enter/Verify commands processing
INTDE210	Csect	DE	END/SAVE batch commands processing
INTDE220	Csect	DE	MARK Command processing
INTDE230	Csect	DE	Paging commands processing
INTDE240	Csect	DE	STATUS command processing
INTDE260	Csect	DE	start LIST command processing
INTDE261	Csect	DE	continue LIST command processing
INTDEXTR	Utility	DE	extract a batch from batch file
INTDTB01	Utility	DE	Batch file initialization
INTENTRY	Csect	DE	Enter/Verify modes processing
INTLDFMT	Utility	DE	load screen format descriptors to screen file
PT	Macro(I)	DE	generate 3270 program tab command
RA	Macro(I)	DE	generate 3270 Repeat-to-address command
SBA	Macro(I)	DE	generate 3270 SBA command (and address)
SF	Macro(I)	DE	generate 3270 Start Field command (attribute)
UCBDEXT	Macro(I)	DE	generate Data Entry terminal work area
UCBDSECT	Macro(I)	DE	generate terminal area DSECT
UCBUSER	Table	DE	user extension to terminal work area (copy code)
UCDT1FLD	Table	DE	variable screen data field descriptor (Dsect)
WCC	Macro(I)	DE	generate 3270 Write Command control code

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
DISPATCH	Macro	DSP	request dispatcher queuing service
FAKEDISP	Csect	DSP	trap dispatcher entries to test core clobbers
IJKDELAY	Csect	DSP	request timed delay for program execution
IJKDSP01	Csect	DSP	Dispatcher queue processing
IJKMAC01	Macro(I)	DSP	DISPATCH macro-internal generation
IJKPRINT	Csect	DSP	print a WQE Trace line on SYSPRINT
IJKTLOOP	Csect	DSP	subsystem loop timeout processing
IJKTRACE	Csect	DSP	format dispatcher queues for printing
IJKWHOIT	Csect	DSP	find Csect/entry/subsystem name for IJKTRACE
INTPOST	Macro	DSP	post an internal ECB
INTWAIT	Macro	DSP	request wait-temporarily release control
MRWAIT	Macro(I)	DSP	wait on ECB posting by another region
PMIDATER	Csect	DSP	increment Gregorian date saved in SPA after midnight
RPT00043	Table	DSP	TALY command dispatcher Qs display
TALLY	Csect	DSP	TALY display dispatcher Qs command
TRAP	Csect	DSP	trap dispatcher entries - test 24-A core pool clobbers
TRAP31	Csect	DSP	trap dispatcher entries - test 31-A core pool clobbers
WQEDSECT	Dsect	DSP	Work Queue Element area description

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
AIDDATA	Macro	FEB	define 3270 AID substitution data string
AIDGRP	Macro	FEB	define AID group of keys to be converted
AIDSECTS	Dsect	FEB	AIDDATA and AIDGRP expansion areas description
BDEVICE	Macro	FEB	define terminal I/O device characteristics
BDIAL	Csect	FEB	Asynchronous dial-up terminals Line Handler
BINSRCH	Csect	FEB	Index (verbs/terminals) binary search routine
BLHIN	Csect	FEB	Leased terminal input line handler
BLHOT	Csect	FEB	Leased terminal output line handler
BLHSTRC	Csect	FEB	LTRC command (line trace) processing
BLHTRACE	Csect	FEB	line trace snap issuing routine
BLINE	Macro	FEB	define line characteristics
BMH000	Csect	FEB	terminal message formatting handler
BSCDIAL	Csect	FEB	Switched Bisync line handler (CPU-CPU)
BSCLEASE	Csect	FEB	Leased Bisync line Handler (CPU-CPU)
BSEGMOD	Csect	FEB	segmented input DDQ message processing
BSTAT2	Csect	FEB	STAT command processing
BTAMLINE	Csect	FEB	Start-up processing and Front End subroutines
BTAMSCTS	Table	FEB	sample Front End Queues table
BTAMSIM	Csect	FEB	simulated terminals message I/O processing
BTAMWORK	Dsect	FEB	Front End line handlers work area description
BTERM	Macro	FEB	define Front End terminal characteristics
BTErr	Macro(I)	FEB	generate Front End logical error-line down
BTLCEX	Macro(I)	FEB	test a BTERM flag setting
BTMDSECT	Dsect	FEB	Front End message area Dsect (TPUMSG)
BTMSG	Macro(I)	FEB	generate Front End response message (TPUMSG)
BTSAMP	Table	FEB	sample BTAM network definition tables-all types
BTSEARCH	Csect	FEB	look-up and verify input transaction code (verb)
BTSPA	Macro(I)	FEB	generate Front End Vector area/DSECT
BTVERB	Macro	FEB	define transaction code-verb
BTVERIFY	Csect	FEB	verify Network definition tables coding
BTVRBTB	Table	FEB	Intercomm Front End Verb Table
BVBASE	Macro(I)	FEB	set BTAM table entry addressability
CNT01MOD	Csect	FEB	CPU console line handler
COPYEXIT	Csect	FEB	Sample COPY processing user exit (BTAM)
COPYSS	Csect	FEB	COPY command processing subsystem
CPUIDSND	Csect	FEB	CPUD-3735 CPU-ids terminal request
CREATEGF	Utility	FEB	preformat BDAM data set (disk Q)
CREATSIM	Utility	FEB	create simulated terminal input messages
DEVTABL	Dsect	FEB	BDEVICE macro area description
DIALTABL	Dsect	FEB	define dial-up line BLINE extension fields
DS40TRDM	Table	FEB	Dataspeed 40/1 and 2 translate table
ENVIRON	Table	FEB	Front End Globals control table (BTAM/TCAM)
ERRLBLKD	Dsect	FEB	line error stats recording area (ERRSTAT=YES)
ERRSTATS	Csect	FEB	Front End line/terminal error stats processing
ERRSTMSG	Csect	FEB	issue remote 3270 error messages
ERRTBLKD	Dsect	FEB	terminal error stats recording area (ERRSTAT=YES)
FDPLOAD	Utility	FEB	load FDP's from PDS to BDAM data set for 3735
FECMD	Csect	FEB	Front End commands editing/routing
FECMDSEC	Dsect	FEB	Front End control messages formats
FECMMOD	Csect	FEB	Front End control message processing
FEERR	Macro(I)	FEB	generate Front End command response msg.
FEMACGBL	Table(I)	FEB	globals area table for sorting verbs/terminals

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
FEMSG	Csect	FEB	message formatting-Front End command responses
FEMSGEQU	Table(I)	FEB	Front End message numbers EQUates
FENETWRK	Table	FEB	BTAM network starter table-new installation
FEWHOI	Csect	FEB	WHOI/WHOU display terminal characteristics
FINDQNUM	Macro(I)	FEB	find a Front End Queue SYCTTBL area
GENTABL	Table	FEB	sample function key/verb table for U100
GENVERB	Csect	FEB	replace function key with verb from GENTABL for U100
GETDEV	Macro(I)	FEB	get terminal's BDEVICE address
IGG01977	Table	FEB	7770 channel commands
IGG019MP	Table	FEB	TTY (leased/dial-up) channel commands
IGG019YX	Table	FEB	7770 channel end appendage
INTVRB00	Csect	FEB	input verb validation
LGDSECT	Dsect	FEB	LINEGRP macro-DCB prefix area + IHADCB
LHTRACE	Macro(I)	FEB	request line trace snap
LINEGRP	Macro	FEB	define a BTAM line group, DCB parms
LOPENMAC	Macro(I)	FEB	generate call to LOPENMOD for LTTY
LOPENMOD	Csect	FEB	special LOPEN processing for LTTY
LTTYTRTB	Table	FEB	LTTY translate table
MSGHFORM	Macro(I)	FEB	finish formatting msg. header (TID, BTVERB parms)
MYPRTTAB	Table	FEB	COPYEXIT terminal/printer correspondence table
OUT3270	Csect	FEB	IBM 3270 output msg. compression/verification
OUT3735	Csect	FEB	IBM 3735 output msg. compression
OUTDS40	Csect	FEB	Dataspeed 40/1&2 output message idles insertion
PADOUT	Macro(I)	FEB	BTERM-blank pad TID to five characters
PEXTABLE	Dsect	FEB	Dial-up terminals BTERM extension area
PLNDSECT	Dsect	FEB	BLINE macro DECB and line definition area
PMI2741	Csect	FEB	IBM 2741 leased/switched line handler
PMI3735S	Csect	FEB	IBM 3735 switched terminal line handler
PMI7770S	Csect	FEB	IBM 7770 switched terminal line handler
PMIBROAD	Table	FEB	sample broadcast terminal groups table
PMIBTSTR	Csect	FEB	Front End startup initialization calls
PMISTOP	Macro	FEB	generate table macro group delimiter/index
PMIZPDEB	Csect	FEB	IBM 7770 terminal zap DCB pointer in DEB
POLLIST	Macro	FEB	generate terminal polling list
PTRDSECT	Dsect	FEB	BTERM terminal area description
PVRBTBLE	Dsect	FEB	BTVERB verb parameters area description
QCOUNT	Macro(I)	FEB	count total messages queued on a SYCTTBL (BTAM)
QUEUEMOD	Csect	FEB	Front End terminal message dequeuing
RPT00043	Table	FEB	TALY command terminal Qs display
RPT00045	Table	FEB	STAT command display
SENDBACK	Csect	FEB	SNBK terminal test echo message processing
SETENV	Table	FEB	global set symbols for ENVIRON globals
SIM3270	Csect	FEB	print simulated 3270 message data
SIMTTY	Csect	FEB	simulated TTY (NCIC) leased line handler
SORTGEN	Macro(I)	FEB	generate sorted index-BTERM/BTVERB (PMISTOP)
SORTTBL	Macro(I)	FEB	sort terminal/verb indices (PMISTOP)
SWITCH	Csect	FEB	SWCH a message command processing
SYCTTBL	Macro(I)	FEB	define terminal queue
TABLES	Table	FEB	EBCDIC/ASCII-8 translate tables
TALLY	Csect	FEB	TALY terminal stats display command processing
TPUMSG	Csect	FEB	Network Control commands processing (BTAM/TCAM)
TRAN3270	Table	FEB	3270 input translate lower to upper case

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
TRTBLGEN	Macro(I)	FEB	generate TRT table of specific character range
TTYSVC	Csect	FEB	Leased TTY open processing SVC
UCBID	Macro(I)	FEB	get line UCB channel address for error messages
UNPAD	Macro(I)	FEB	remove leading blanks (SORTGEN)
USRBTLOG	Csect	FEB	F1 logging of input terminal message-user exit
USRBTVRB	Table	FEB	sample user BTVRBT macros copy code
USRECRY	Csect	FEB	sample BLHIN/BLHOT I/O error user exit
USRER129	Csect	FEB	3270/129 I/O error recovery user exit
USRSTSCH	Csect	FEB	user exit to process generic Station Table entries
VERBSTRT	Csect	FEB	dynamically load BTVRBTB at startup
WTOMOD	Csect	FEB	pass PMIWTO/WTOR TERM parm requests to Front End

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
CALLGFE	Macro (I)	FEG	call a GFE processing function from line handler
GFE	Macro	FEG	generate GFE vector/parameter area
GFEDSECT	Macro	FEG	generate vector table, parameters for GFE calls
GFEINTFC	Csect	FEG	GFE interface to user terminal I/O routines

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
TCAMASYN	Csect	FET	asynchronous TCAM queues I/O processing
TCAMINTF	Csect	FET	request a TCAM I/O function
TCAMVER	Csect	FET	TCAM network-definitions verification-start-up

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
\$LUCCALL	Table(I)	FEV	LUNIT/LCOMP/\$LUCSB-code values for inner macros
\$LUCCV	Macro(I)	FEV	gen. code values for inner CSB macro
\$LUCLASS	Macro(I)	FEV	get class # and code for LU/COMP type
\$LUCSB	Table(I)	FEV	LCOMP/VTCSB processing of common operands
\$LUCYN	Macro(I)	FEV	test YES/NO-concatenate appropriate bit string
AIDDATA	Macro	FEV	define 3270 AID substitution data string
AIDGRP	Macro	FEV	define AID group of keys to be converted
AIDSECTS	Dsect	FEV	AIDDATA and AIDGRP expansion areas description
BINSRCH	Csect	FEV	Index (verbs/terminals) binary search routine
BLHSTRC	Csect	FEV	LTRC command (LU trace) processing
BTLCEX	Macro(I)	FEV	test an LCOMP flag setting
BTVERB	Macro	FEV	define transaction code-verb
BTVRBTB	Table	FEV	Intercomm Front End Verb Table
BVBASE	Macro(I)	FEV	set VTAM table entry addressability
COPYEXIT	Csect	FEV	Sample COPY processing user exit (VTAM)
CREATEGF	Utility	FEV	preformat BDAM data set (disk Q)
DYNSAMP	Table	FEV	sample coding of VTAM Network Table with Dynamic LU's
EXSS	Macro(I)	FEV	execute an SS-format instruction
EXTERM	Macro(I)	FEV	extract LUNIT/DLU VTIDTAB and/or LCOMP addresses
FECMD	Csect	FEV	Front End commands editing/routing
FECMDSEC	Dsect	FEV	Front End control messages formats
FECMOD	Csect	FEV	Front End control message processing
FEERR	Macro(I)	FEV	generate Front End command response msg.
FEMACGBL	Table(I)	FEV	globals area table for sorting verbs/terminals
FEMSG	Csect	FEV	message formatting-Front End command responses
FEMSGEQU	Table(I)	FEV	Front End message numbers EQUates
FEWHOI	Csect	FEV	WHOI/WHOU display terminal characteristics
FREEVRE	Macro(I)	FEV	return VTAM RPL element to VRE pool
GETDLU	Macro(I)	FEV	get first dynamic LU from chain
GETVRE	Macro(I)	FEV	get a VTAM RPL element from VRE pool
HARDWAIT	Macro(I)	FEV	issue MVS WAIT for WTOR response (VTLUCMD)
INTVRB00	Csect	FEV	input verb validation
LCOMP	Macro	FEV	define logical unit component
LUCUR	Csect	FEV	VTAM HALT user exit for DLU printer timeout
LUDSECTS	Dsect	FEV	VTAM logical unit areas
LUNIT	Macro	FEV	define VTAM logical unit
LUSCAN	Macro(I)	FEV	access LU table-via call to VTLUSCAN
MYPRTTAB	Table	FEV	COPYEXIT terminal/printer correspondence table
OUT3270	Csect	FEV	IBM 3270 output msg. compression/verification
PMIEXTRM	Csect	FEV	VTAM Network Table terminal look-up for EXTERM macro
PMISTOP	Macro	FEV	generate table macro group delimiter/index
PUTDLU	Macro(I)	FEV	restore an LU to end of dynamic chain
PVRBTBLE	Dsect	FEV	BTVERB verb parameters area description
QCOUNT	Macro(I)	FEV	count total messages queued on a SYCTTBL (VTAM)
RPT00043	Table	FEV	TALY command terminal Qs display
RPT00045	Table	FEV	VTST command display
RSTACK	Macro(I)	FEV	define/manipulate a stack of register contents
SORTGEN	Macro(I)	FEV	generate sorted index-LCOMP/BTVERB (PMISTOP)
SORTTBL	Macro(I)	FEV	sort terminal/verb indices (PMISTOP)
SRCPARMS	Dsect	FEV	binary search parms area (VTLUSCAN)
SYCTTBL	Macro(I)	FEV	define terminal queue
TALLY	Csect	FEV	TALY LU stats display command processing

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
TRAN3270	Table	FEV	3270 input translate lower to upper case
UNPAD	Macro(I)	FEV	remove leading blanks (SORTGEN)
USRBTLOG	Csect	FEV	F1 logging of input terminal message-user exit
USRBTVRB	Table	FEV	sample user BTVRMB macros copy code
USRSTSCH	Csect	FEV	user exit to process generic Station Table entries
VCT	Macro	FEV	generate VTAM Control Table area or DSECT
VERBSTRT	Csect	FEV	dynamically load BTVRMB at startup
VRT	Dsect	FEV	VTAM RPL table area description
VT01MOD	Csect	FEV	process CPU console messages under VTAM
VTAMSTAT	Csect	FEV	VTST command status display processing
VTAUTOUP	Csect	FEV	VTAM autoup processing-LUs, Front End
VTBUFFER	Dsect	FEV	VTAM input buffer area description
VTCDCALL	Macro(I)	FEV	call a component dependent routine
VTCDM1	Csect	FEV	class 1 LUTYPE component dependent routine
VTCDM2	Csect	FEV	class 2 LUTYPE component dependent routine
VTCHKVRE	Macro(I)	FEV	validate/check RPL-based completion codes
VTCSB	Macro	FEV	define LU Component Specification Block
VTCVB	Macro(I)	FEV	VTCSB-VTAM component vector block
VTDBSNAP	Macro(I)	FEV	generate debugging snap if SYSPARM (DEBUG)
VTERR	Macro(I)	FEV	format VTAM interface error message
VTERRMOD	Csect	FEV	issue VTAM error message
VTEXITS	Csect	FEV	VTAM ACB exit routines, processing
VTGETCB	Macro(I)	FEV	get CSB address from LUC, or LSB address from LUB
VTIDCONV	Macro	FEV	convert VTAM LU-name to/from Intercomm terminal-id
VTIDTAB	Macro	FEV	define VTAM/Intercomm TID synonym table, DLU parms
VTIDTABD	Dsect	FEV	VTAM/Intercomm TID synonym table entry description
VTLBS	Macro	FEV	define Logical Unit Specification Block
VTLUCALL	Macro(I)	FEV	call LU dependent routine (defined via VTLVB)
VTLUCEQU	Table(I)	FEV	equates for command word coding for VTLUCMD
VTLUCMD	Csect	FEV	VTCN and Logical Unit commands processing
VTLUDM2	Csect	FEV	LU dependent module for Class 2 terminals
VTLUSCAN	Csect	FEV	find/add/delete entries in LU table (unused)
VTLVB	Macro	FEV	define VTAM LU exit routine vector table
VTQMOD	Csect	FEV	output queuing and dequeuing routines
VTRECVE	Csect	FEV	record mode-normal flow-input processing
VTREGUSE	Macro(I)	FEV	generate register EQU, and standard usings-VTAM blocks
VTRESP	Csect	FEV	handle all definite and exception responses
VTSAMP	Table	FEV	sample VTAM Front End Network Table coding
VTSEND	Csect	FEV	record mode-normal flow-output processing
VTSNDISP	Macro(I)	FEV	test if output queued for LU-dispatch VTSEND
VTSQRSYN	Csect	FEV	RSLU command-sequence # resynchronization
VTSTART	Csect	FEV	VTAM start-up initialization
VTRACEV	Csect	FEV	VRE completion and logical unit trace processing
VTRRCVRE	Macro(I)	FEV	invoke (call) VTRACEV trace routine
VTURLRX1	Csect	FEV	RELREQ request user exit processing
VTUROTX1	Csect	FEV	sample OTQUEUE user exit-acquire LU
VTURSDX1	Csect	FEV	sample SNDNRM user exit for pending SPLU request
VTVREERR	Csect	FEV	VRE(RPL) error analysis
VXQCB	Dsect	FEV	VTAM Exits Queue Control Block area
WTOMOD	Csect	FEV	pass PMIWTO/WTOR TERM parm requests to Front End

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
DDSASECT	Dsect	FH	Dynamic File Allocation control block area (DFA)
DISPSET	Macro(I)	FH	tell dispatcher if executing in Batch mode
FARPARMS	Table	FH	FAR parameter for new installation
FRDSECTS	Dsect	FH	File Attributes area description (FAR/FAB)
HARDWAIT	Macro(I)	FH	issue MVS WAIT - INTCRQ/INTPRQ/TRVRSE (BOF)
ICOMFEOF	Utility	FH	find end of sequential file after hardware crash
ICOMTASK	Csect	FH	generalized subtask processing
IEFJFCBN	Macro(I)	FH	generate JFCB area for READJFCB
IEFTIOT1	Macro(I)	FH	generate TIOT area description
INTCRQ	Csect	FH	create DDQ for Backout-on-the-fly (BOF)
INTPRQ	Csect	FH	purge a DDQ for Backout-on-the-fly (BOF)
IXFACB	Macro(I)	FH	IXFLOG/IXFHND01-generate VSAM ACB Dsect
IXFB37	Csect	FH	flip/flop sequential output disk file
IXFCHKPT	Csect	FH	file recovery-checkpoint record processing (FR)
IXFCREAT	Utility	FH	recreate file off-line from recovery log (FR)
IXFCTRL	Csect	FH	FILE command processing
IXFDSCT1	Table	FH	sample Data Set Control Table-21-50 files
IXFDSCT2	Table	FH	sample Data Set Control Table-51-100 files
IXFDSCT3	Table	FH	sample Data Set Control Table-101-200 files
IXFDSCTA	Macro	FH	Define Data Set Control Table area/DSECT
IXFDSCTB	Macro(I)	FH	generate IXFDSCTA Dsect
IXFDSECT	Dsect	FH	File Handler work area
IXFDYNAM	Csect	FH	Dynamic File Allocation special feature processing
IXFFAR	Csect	FH	File Attribute Records processing-startup
IXFHND00	Csect	FH	file start-up/close-down processing
IXFHND01	Csect	FH	file I/O processing
IXFLOG	Csect	FH	file recovery logging (FR)
IXFQISAM	Csect	FH	QISAM via BISAM interface
IXFRPL	Macro(I)	FH	IXFLOG/IXFHND01-generate VSAM RPL Dsect
IXFRPT01	Csect	FH	file and LSR stats display and report
IXFRVRSE	Csect	FH	file reversal to before images (FR)
IXFVERF1	Csect	FH	read changed file record for BOF (BOF)
IXFVSCRS	Csect	FH	VSAM cross-region shared file control
RPT00045	Table	FH	FILE command status display
RPT00046	Table	FH	FHST command error messages
RPT00047	Table	FH	FHST command displays-summary and 3 details
THREDFLP	Macro(I)	FH	flip a thread number back to original (BOF)
TRVRSE	Csect	FH	read BOF DDQ backwards for file reversal (BOF)
VRPDSECT	Dsect	FH	VSAM buffer pools area description (LSR)

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
AAAAAAA	Table	ITU	list of SM's applied from SM listings
ASMFPROF	Table	ITU	ASMF SM application-system profile (MODREL)
ASMHOC	Proc	ITU	assemble/create object module via Assembler H
ASMHPC	Proc	ITU	assemble a module via Assembler H
ASMHPCCL	Proc	ITU	assemble/create load module via Assembler H
ASMHPCM	Proc	ITU	assemble a macro via Assembler H
ASMOC	Proc(L)	ITU	assemble/create object module via HLASM
ASMPCL	Proc(L)	ITU	assemble a module via HLASM
ASMPCL	Proc(L)	ITU	assemble and create load module via HLASM
ASMPCLM	Proc	ITU	assemble a macro via HLASM
BATCHPAK	Utility	ITU	Batch Icom. interface for utility execution
BTAMSIM	Csect	ITU	simulated terminals message I/O processing
CHANGER	Utility	ITU	create update deck from two module comparisons
CMSGHBMN	Table(I)	ITU	BMN-backoff change deck
COBPC	Proc	ITU	Cobol-F compile
COBPCL	Proc	ITU	Cobol-F compile and link
COBUPC	Proc(L)	ITU	ANSI Cobol compile
COBUPCL	Proc(L)	ITU	ANSI Cobol compile, link (resident/overlay/loaded)
COBUPCLD	Proc	ITU	ANSI Cobol compile & link (with other routines)
COMPRESS	Proc	ITU	compress a PDS, release excess space
COMPSYS	Table	ITU	SYSIN control card for COMPRESS
COPY	Proc	ITU	copy PDS member or entire PDS-execute IEBCOPY
COPYPROX	JCL	ITU	JCL to copy Intercomm procs to PROCLIB
CREATEGF	Utility	ITU	preformat BDAM data set
CREATSIM	Utility	ITU	create simulated terminal input messages
DEFHSYM	Proc	ITU	generate LOGCHARS language symbols via Assembler H
DEFSYM	Proc(L)	ITU	generate LOGCHARS language symbols via HLASM
FAKEDISP	Csect	ITU	trap dispatcher entries-test for core clobbers
FORTLINK	Proc	ITU	compile and link Fortran program
GEN	Macro(I)	ITU	generate PRINT ON for PRINT GEN
GENGBLS	Macro(I)	ITU	set global indicators for ICOMGEN macro
GETMEM	Utility	ITU	ASMF - internal processing (MODREL)
IAIMCOCR	Utility	ITU	COPY code cross-reference printing (MODREL)
IAIMGOC2	Utility	ITU	Global Symbols cross-reference printing (MODREL)
IAIMGOCR	Utility	ITU	Global Symbols cross-reference scan (MODREL)
IAIMMOCR	Utility	ITU	Macros cross-reference printing (MODREL)
IAIMMRF1	Utility	ITU	macro Global and Sequence Symbols scan (MODREL)
IAIMMRF2	Utility	ITU	macro Globals print from Assembly listing (MODREL)
IAIMOPCD	Utility	ITU	character strings and miscellaneous scans (MODREL)
IAIMXRF1	Utility	ITU	Csect Size, Entry Point, Ext. Reference Scan (MODREL)
IAIMXRF2	Utility	ITU	Csect Size, etc. print (MODREL)
ICOMFEOF	Utility	ITU	find end of file for sequential/log data set
ICOMGEN	Macro	ITU	generate installation JCL
ICOMLINK	Macro	ITU	generate Intercomm linkedit control deck
INSORT	Utility	ITU	ASMF-inline sort of several records (MODREL)
INTASMF	Proc(L)	ITU	execute ASMF to apply SMS
INTASMF	Utility	ITU	ASMF-primary processing driver module (MODREL)
INTGBLS	Macro(I)	ITU	set global indicators for ICOMLINK
INTGLOBE	Table	ITU	system execution globals
KEYCREAT	Utility	ITU	preformat keyed BDAM data set
LIBCOBDL	Proc	ITU	ANS Cobol update/compile/link (without NCAL)
LIBCOMPR	Utility	ITU	compare PDS source members

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
LIBE	Proc(L)	ITU	update a source member
LIBEASM	Proc(L)	ITU	update and assemble BAL source via HLASM
LIBECOB	Proc	ITU	ANS Cobol-update and compile only
LIBECOBL	Proc(L)	ITU	ANS Cobol-update/compile/link (with NCAL)
LIBEHASM	Proc	ITU	update/assemble BAL source via Assembler H
LIBELINK	Proc(L)	ITU	update/assemble/link BAL program via HLASM
LIBHLINK	Proc	ITU	update/assemble/link BAL program via Assembler H
LIBLIST	Utility	ITU	print all source members on a PDS
LKEDE	Proc	ITU	link object and load modules to MODSCR
LKEDO	Proc	ITU	link object and load modules
LKEDP	Proc(L)	ITU	link load modules
LKEDPL1	Proc	ITU	linkedit PL1 modules
LKEDT	Proc	ITU	link load modules to MODSCR (Test Mode)
LOGINPUT	Csect	ITU	reprocess previously created log
LOGIT	Utility	ITU	ASMF-write a record to SMLOG (MODREL)
LOGPRINT	Utility	ITU	format and print log records
NOGEN	Macro(I)	ITU	generate PRINT ON,NOGEN for PRINT NOGEN
OPSCAN	Utility	ITU	scan, list op codes in BAL program
OPSCN	Proc	ITU	execute OPSCAN (assembler source scan) JCL
PATCH	Proc	ITU	Patch a load module-execute IMASPZAP (AMASPZAP)
PLIXPC	Proc(L)	ITU	compile PL1-Optimized program
PLIXPCL	Proc(L)	ITU	compile and link PL1-Optimized program
PMIPCH	Proc(L)	ITU	punch a PDS (source) member
PMIPCH1	Table(L)	ITU	SYSIN control card for PMIPCH
PMIPRT	Proc(L)	ITU	print a PDS source member
PMIPRT1	Table(L)	ITU	SYSIN control card for PMIPRT
PMITEST	Csect	ITU	Test Mode interface processing
PROFILE	Table	ITU	ASMF SM application-system profile
PRTLOG	Utility	ITU	ASMF-print data on SMLOG (MODREL)
PUTSSI	Utility	ITU	ASMF-write data record to SSIOUT (MODREL)
READD	Utility	ITU	ASMF-BDAM I/O for SMLOG data set (MODREL)
SETGLOBE	Table	ITU	set system execution globals for INTGLOBE
SIM3270	Csect	ITU	print simulated 3270 message data
SIMCRTA	Utility	ITU	create test mode input messages
SMACCEPT	Utility	ITU	ASMF-process ACCEPT commands (MODREL)
SMAPPLY	Utility	ITU	ASMF-process APPLY commands (MODREL)
SMCOPY	Utility	ITU	ASMF-member copy processing to SM libraries (MODREL)
SMDELET	Utility	ITU	ASMF-process DELETE commands (MODREL)
SMLEVEL	Macro	ITU	ASMF-generate SMS, XMS
SMAIN	Utility	ITU	ASMF-read and check control card/parm syntax (MODREL)
SMPROF	Macro	ITU	ASMF-generate system PROFILE for SM application
SMREJECT	Utility	ITU	ASMF-process REJECT commands (MODREL)
SMS	Table	ITU	ASMF-defines latest applied SM level
SMSTAT	Utility	ITU	ASMF-update applied SMS/XMS status tables (MODREL)
SMSTOW	Utility	ITU	ASMF-SM processing-member updates (MODREL)
SYMGEN	Proc(L)	ITU	generate symbolic map for program COPY via HLASM
SYMHGEN	Proc	ITU	generate symbolic map for program COPY via AssemblerH
TRAP	Csect	ITU	trap entry points to test for 24-A storage destruction
TRAP31	Csect	ITU	trap entry points to test for 31-A storage destruction
WORKSHPM	JCL	ITU	APW Class workshop installation JCL with MMU
WRKSHP	JCL	ITU	APW Class workshop installation JCL (no MMU)
XMS	Table	ITU	define latest applied experimental SM level

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
INTFCLP	Table	LP	sample LPINTFC table
LPENTRY	Macro	LP	add user entry point to LPSPA
LPINTFC	Macro	LP	define link pack interface module groups
LPSPA	Macro	LP	define link pack system parameter area
LPSTART	Csect	LP	link pack and SPA pointers start-up initialization
LPVCON	Macro	LP	define user VCON for LPINTFC
MULTISPA	Utility	LP	set SPA address for Batch LPM interface
SPALP	Table	LP	sample LPSPA link pack area table

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
CICSSAMP	Csect	LU6	Sample LU6.2 interface CICS program
GETDLU	Macro(I)	LU6	get first dynamic LU from chain
INITLU6	Csect	LU6	interface to initiate LU6.2 transaction from SS
PULLDLU	Macro(I)	LU6	remove an LU from Master LU dynamic chain
PUTDLU	Macro(I)	LU6	restore an LU to end of dynamic chain
VT62DATA	Dsect	LU6	Generalized Data Stream keys, FMH area
VTBIND62	Macro	LU6	define LU6.2 prime session bind image
VTCDM6	Csect	LU6	class 6 LUTYPE component dependent routine (basic)
VTCDM62	Csect	LU6	class 6 LUTYPE component dependent routine (enhanced)
VTLUDM6	Csect	LU6	LU dependent module for Class 6 terminals (basic)
VTLUDM62	Csect	LU6	LU dependent module for Class 6 terminals (enhanced)
VTPASS62	Csect	LU6	pass a transaction via an LU6.2 link

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
BINSRCH	Csect	MCR	SS codes index binary search routine
BLMSGCOL	Csect	MCR	Message Collection and Queuing Manager
BTAMSCTS	Table	MCR	Front End Queues BTAM/TCAM table
BTMDSECT	Dsect	MCR	Front End message area Dsect (FESEND)
CALCRBN	Csect	MCR	set disk Q space allocation addresses (start-up)
COBPUT	Csect	MCR	Cobol/PL1 interface to queue subsystem message
CREATEGEF	Utility	MCR	preformat BDAM data set-for disk queues
FESEND	Csect	MCR	queue a message for a terminal
FINDQNUM	Macro(I)	MCR	find a Front End Queue-SYCTTBL area
MRGETID	Macro(I)	MCR	get MRS password-id for RAP msg. queuing
MRIDAXS	Macro(I)	MCR	MRGETID-get locked TID Region number
MRINPUT	Csect	MCR	multi-region input message routing
MROTPUT	Csect	MCR	multi-region output message routing (satellite only)
MRQMGR	Csect	MCR	multi-region message queuing transfer (from control)
MSGHDR	Macro	MCR	generate Intercomm message header fields
MSGHDC	Table	MCR	copy code - Intercomm message header fields
MSGQWRK	Dsect	MCR	queue area-message queuing and retrieval
PARMLIST	Macro(I)	MCR	BLMSGCOL/MROTPUT-Q request parameters
PCENSCT	Macro	MCR	calculate disk Q allocation percentages
PMIGETNB	Csect	MCR	start-up checking of Disk Q DD statements
PMIRETRV	Csect	MCR	Message Retriever from subsystem/terminal queues
POSTPSCT	Macro(I)	MCR	post primary SCT for auxiliary SCT if active
PULTHRED	Macro(I)	MCR	get current thread #, set condition code
QCOUNT	Macro(I)	MCR	count total messages queued on a SYCTTBL
QUEUEMOD	Csect	MCR	Front End BTAM/TCAM terminal Q dequeuing
RPT00043	Table	MCR	TALY command Q status displays
SCTLISTC	Dsect	MCR	SYCTTBL macro Q area description
SYCTTBL	Macro	MCR	define terminal/subsystem Q
TALLY	Csect	MCR	TALY Q status display command
VTQMOD	Csect	MCR	VTAM terminal message queuing and dequeuing

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
CRSCT	Table	MRS	Intercomm SYCTTBLs for control region
CRSPA	Table	MRS	sample INTSPA for control region
DISPSET	Macro (I)	MRS	tell dispatcher cross-region posts will be done
DSEDSECT	Dsect	MRS	DDQ data set element area (MRINTER)
ENQDSECT	Dsect	MRS	ENQ-id area definitions (MRINTER, MRPURGE)
FEMACGBL	Table (I)	MRS	globals area table for sorting (SUBSYS macro)
GENRDT	Macro	MRS	generate Region Descriptor Table index
IGCICOM	Csect	MRS	inter-region SVC (MRSVC)
IGCICSVC	Csect	MRS	inter-region integrity SVC (IISVC) (MODREL)
IISVCALL	Macro (I)	MRS	integrity SVC (IISVC) interface
MCTDSECT	Dsect	MRS	Multi-region Control Table, REGCOM macro areas
MPWDSECT	Dsect	MRS	RAP area description
MRBATCH	Utility	MRS	Batch region interface to on-line Intercomm
MRCONSS	Csect	MRS	Multi-region control commands processing subsystem
MRCSAMOD	Csect	MRS	MVS-CSA area processing-msg. transfer
MRCASV	Macro (I)	MRS	get saved CSA area address (static/dynamic)
MRCVB	Macro (I)	MRS	SUBSYS-convert SETC value to a SETA value
MRFIND	Macro (I)	MRS	locate region entry in MCT via Region-id
MRGETID	Macro (I)	MRS	get password-id for RAP processing-queuing
MRIDAXS	Macro (I)	MRS	MRGETID-get region-id number for a terminal
MRINPUT	Csect	MRS	input msg. routing (satellite and control)
MRINTER	Csect	MRS	MRS initialization/termination processing
MRLOGIN	Csect	MRS	single region log-input logging (to control region)
MRLOGOT	Csect	MRS	single region log-output logging (from satellite)
MRMCT	Table	MRS	sample MCT table for new installations
MRMOD	Csect	MRS	LOKR/ULKR RAP commands processing
MRMOVE	Macro (I)	MRS	move data (message) to/from our region's CSA
MROTPUT	Csect	MRS	transfer output message to control region
MRPASWRD	Macro	MRS	define region passwords for RAP
MRPOST	Macro (I)	MRS	perform inter-region ECB posting
MRPURGE	Csect	MRS	Multi-region purge processing for closedown (CR/SR)
MRQMNGR	Csect	MRS	SUBSYS queue management and logging-control region
MRSTAE	Csect	MRS	STAE exit for region abends
MRSVC	Macro (I)	MRS	issue inter-region communication SVC (MRSVC)
MRVAL	Macro (I)	MRS	validate message within our region boundary
MRWAIT	Macro (I)	MRS	wait on ECB posting by another region
PMIRDT00	Table	MRS	sample RDT table for new installation
RDTSECTS	Dsect	MRS	Region Descriptor Table areas (REGION, SUBSYS)
REGCOM	Macro	MRS	define an Intercomm region for MCT
REGION	Macro	MRS	define an Intercomm region for RDT
RPT00045	Table	MRS	COMM command status display
SORTTBL	Macro (I)	MRS	sort region Subsystem Codes (GENRDT)
SR1SCT	Table	MRS	Intercomm SYCTTBLs for satellite region 1
SR1SPA	Table	MRS	sample INTSPA for satellite region 1
SR2SCT	Table	MRS	Intercomm SYCTTBLs for satellite region 2
SR2SPA	Table	MRS	sample INTSPA for satellite region 2
SUBSYS	Macro	MRS	define a Subsystem within a Region
THREDFLP	Macro (I)	MRS	flip a thread number back to original
USRQMONX	Csect	MRS	Determine receiving region when RAP not used
USRSCTS	Table	MRS	sample user SYCTTBLs copy code for CRSCT
USRSCTS1	Table	MRS	sample user SYCTTBLs copy code for SR1SCT
USRSCTS2	Table	MRS	sample user SYCTTBLs copy code for SR2SCT

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
IGCICOM	Csect	MVS	Fastsnap/SYSEVENT/ESS processing SVC (MRSVC)
IGCICSVC	Csect	MVS	Fastsnap/SYSEVENT/ESS integrity SVC (IISVC) (MODREL)
IISVCALL	Macro(I)	MVS	integrity SVC (IISVC) interface
INTTIME	Macro(I)	MVS	get TIME (optimized for MVS) and Julian date
KEYFLIP	Csect	MVS	dummy module (BR R14) replaced by MRSVC/IISVCALL
MRSVC	Macro(I)	MVS	FASTSNAP/SYSEVENT/ESS - issue SVC (MRSVC)
XASWITCH	Macro	MVS	flip 24/31 processing mode

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
ACCTYPES	Table (I)	PST	SAM-MAPACCT macro accounting types EQUates
BSTAT2	Csect	PST	format BTAM/TCAM terminal/line stats display
CREATEGF	Utility	PST	preformat BDAM data set-File Handler stats
DYNSSUP	Csect	PST	FTUN/SSUP SYCTTBL dynamic change processing
FINTUNER	Csect	PST	Subsystem control commands-BEGN/DELY etc.
IJKCESD	Csect	PST	build address/Csect(entry) names table at startup
IJKTRACE	Csect	PST	Dispatcher Queues report
IJKWHOIT	Csect	PST	find Csect/subsystem name for trace, messages
INTSTROB	Csect	PST	STROBE interface processing
INTSTS	Csect	PST	System Tuning Statistics report processing
IXFCTRL	Csect	PST	FILE data set control command processing
IXFRPT01	Csect	PST	FHST-File and LSR stats processing
LOADSCT	Csect	PST	LOAD-reload program command processing
LOGINPUT	Csect	PST	reprocess previously created log
MAPACCT	Macro	PST	specify SAM resources
MRCNSS	Csect	PST	Multi-region status command processing
PMIDEBUG	Csect	PST	region dump/cancel request processing
PMIHARDW	Csect	PST	ICOMHALT-Intercomm temporary quiesce processing
POOLDUMP	Csect	PST	core pools status report processing
RMTRACE	Csect	PST	compute and print core use stats
RPT00043	Table	PST	TALY command statistics displays
RPT00046	Table	PST	FHST command error messages
RPT00047	Table	PST	FHST-displays-summary and details
SAMCB	Dsect	PST	SAM control block areas
SAME15	Utility	PST	SAM sort exit
SAMREPT	Utility	PST	SAM statistics report processing
SAMRPTIO	Utility	PST	SAM report I/O processing
SAMSECT	Csect	PST	SAM-allocate/free/update thread buckets
SSSTART	Macro	PST	start a STRT/STOP function (system or user)
SSSTOP	Macro	PST	stop a STRT/STOP function (system or user)
SSTEST	Macro	PST	test status of a STRT/STOP function
STRBICOM	Csect	PST	interface to INTSTROB-get SS code, thread #
STRTSTOP	Csect	PST	STRT/STOP function commands processing
SYSCNTL	Csect	PST	system display and debug processing
TALLY	Csect	PST	TALY display system status command processing
TDUMP	Csect	PST	thread RCB chains report
TRACK	Macro (I)	PST	increment an Intercomm SAM bucket
TRACKMOD	Csect	PST	test whether to track CPUTIME for this thread
TUNRBEGN	Csect	PST	issue a BEGN msg. for delayed subsystem
USRTRACK	Macro	PST	request SAM tracking of user data
VTAMSTAT	Csect	PST	VTAM LU status command processing

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
AUTORCVR	Csect	RLC	Automated Restart interface
AUTORSET	Utility	RLC	Auto-Restart STRTUPSW file initialization
BTLCEX	Macro(I)	RLC	test a Front End log code for restart
CHCKPTSS	Csect	RLC	subsystem quiesce for checkpointing
CHECKPT3	Csect	RLC	process checkpoint records-create/restart
CHKPTDST	Dsect	RLC	Checkpoint File Areas
CODETRNS	Macro(I)	RLC	set up branch index table
CREATEGF	Utility	RLC	preformat BDAM data set-checkpoint file
DBCHKDSP	Csect	RLC	Data Base checkpointing
DBRSTRT	Csect	RLC	Data Base SS message restart processing
DLIB	Dsect	RLC	DL/I interface block area-checkpointing
ICOMFEOF	Utility	RLC	set EOF for end of log file after hardware crash
INTDBLOK	Csect	RLC	LOGPROC subroutine-deblock log records
INTRNLVS	Macro(I)	RLC	LOGRESP-save/restore regs in symbolic area
IXFB37	Csect	RLC	flip/flop disk log file
IXFCHKPT	Csect	RLC	Checkpointing interface-file recovery
IXFCREAT	Utility	RLC	recreate file off-line from recovery logging
IXFLOG	Csect	RLC	file recovery logging
IXFRVRSE	Csect	RLC	file reversal to before images
IXFSNAPL	Utility	RLC	snap file record in error to FRLOG
JULIAND	Utility	RLC	Log Analysis-convert Julian date to Gregorian
LOGANAL	Utility	RLC	analyze log-produce traffic reports
LOGANE15	Utility	RLC	LOGANAL sort exit
LOGCHK	Dsect	RLC	checkpoint log record area description
LOGDCLGB	Table	RLC	LOGANAL execution globals
LOGERR	Macro(I)	RLC	generate LOGANAL error message
LOGHIST	Utility	RLC	Log Analysis-produce histogram
LOGINPUT	Csect	RLC	reprocess previously created log
LOGMERGE	Utility	RLC	off-line log data sets merge processing
LOGOPTNS	Macro(I)	RLC	LOGANAL-generate options table or Dsect
LOGPRINT	Utility	RLC	format and print log records
LOGPROC	Csect	RLC	fast log restart processing
LOGPUT	Csect	RLC	add a record to the log
LOGRESP	Utility	RLC	Log Analysis-response time stats
LOGRSPTM	Macro(I)	RLC	LOGOPTNS-generate response stats tables
LOGRSRPT	Utility	RLC	Log Analysis-print response statistics
LOGSETGB	Table	RLC	LOGANAL SET symbols for global table
LOGSSTAB	Utility	RLC	Log Analysis-generate subsystem codes table
LOGSSTBL	Macro(I)	RLC	generate LOGVRB Dsect-relate VMI codes to verbs
LOGVERB	Macro	RLC	define verbs to be analyzed for log analysis
LOGVRBTB	Table	RLC	sample log analysis verb table
MSGAC	Csect	RLC	fast restart 'read-back time' record creation
MSGHDC	Table	RLC	copy code - Intercomm message header fields
PURGEQ	Csect	RLC	Generalized Data Base restart purging
READBACK	Csect	RLC	LOGPROC subroutine-read Log backwards
REQONDDQ	Csect	RLC	single thread restart via DDQ msg. queue
RESTORE3	Csect	RLC	checkpoint initialization and checkpoint restart
RPT00040	Table	RLC	'CHECKPOINT FAILED' error message
RPT00044	Table	RLC	checkpoint file error message
SNAPIT	Macro(I)	RLC	LOGPROC-translate/print buffer area
STUSWRCD	Dsect	RLC	Auto-Restart - describes STRTUPSW record
TOTCHKPT	Csect	RLC	TOTAL data base checkpointing

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
USERB37E	Csect	RLC	unload flip/flop log data set user exit
USERSPA	Table	RLC	user-coded user checkpoint area pointers
USRBTLOG	Csect	RLC	provide F1 logging of valid input terminal message
USRSEREX	Csect	RLC	serial restart-new input control user exit

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
CATCH	Macro	RM	transfer storage ownership to application thread
CORACCT	Dsect	RM	core stats distribution ranges area
COREACCT	Macro	RM	define core stats distribution ranges
DISABLE	Macro	RM	temporarily halt timed-out thread purging
ENABLE	Macro	RM	allow timed-out subsystem thread purge
EVENT	Macro(I)	RM	RMPURGE-test subsystem thread enabled for purging
FDITCB	Csect	RM	thread control block processing
GETTHRED	Macro(I)	RM	get current thread number and its RCB table offset
HWCMPRS	Macro(I)	RM	compress full word to halfword (PUTTABLE)
HWEXPND	Macro(I)	RM	expand halfword RCB index to fullword
IC31PL00	Table	RM	sample 31-Amode core pools table
ICOMPOOL	Macro	RM	define an Intercomm core pool area
IJKWHOIT	Csect	RM	find Csect name + displacement for TDUMP
INTDEQ	Macro	RM	dequeue from a resource
INTENQ	Macro	RM	enqueue on a resource
MANAGER	Csect	RM	resource auditing and storage control
NEWPOOLS	Table	RM	sample 24-Amode core pools table
NQDSECTS	Dsect	RM	INTENQ/DEQ parameters (resource) area
PASS	Macro	RM	transfer storage ownership to Intercomm (thread 0)
PMINQDEQ	Csect	RM	System resources Enqueue/Dequeue processing
POOLDUMP	Csect	RM	Intercomm core pools status reporting
POOLSTRT	Csect	RM	dynamically load core pools members at startup
PUTTABLE	Macro(I)	RM	return an RCB to head of free chain in RCB table
RMDSECTS	Dsect	RM	Resource and storage control areas
RMMASK	Macro(I)	RM	call processing routine via SPAEXT address
RMNADISA	Csect	RM	ENABLE/DISABLE processing
RMPURGE	Csect	RM	purge non-freed application subsystem resources
RMTRACE	Csect	RM	compute and print core use statistics
RPT00043	Table	RM	TALY command resource usage display
SSPOLL	Csect	RM	suspend terminal input polling-cushion released
STORAGE	Macro	RM	request storage area (pools/GETMAIN)
STORFREE	Macro	RM	free storage area (pools/FREEMAIN)
TABSCAN	Macro(I)	RM	scan RCB table for a thread's RCBs
TDUMP	Csect	RM	Thread dump - RCB chains reporting
TRAP	Csect	RM	trap 24-Amode Intercomm core pool headers destruction
TRAP31	Csect	RM	trap 31-Amode Intercomm core pool headers destruction

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
\$\$\$\$SECU	Csect	SEC	ESS-dummy subsystem for SECU verb processing
GENSEC	Macro	SEC	generate Basic Security table
ICP	Dsect	SEC	ESS in-core profile area
IGCICOM	Csect	SEC	ESS-processing SVC (MRSVC)
IGCICSVC	Csect	SEC	ESS-integrity SVC (IISVC) (MODREL)
IISVCALL	Macro(I)	SEC	ESS-integrity SVC (IISVC) interface
INTSEC	Dsect	SEC	ESS-security record formats
INTSEC00	Csect	SEC	ESS-security processing
INTSEC02	Csect	SEC	ESS-security processing - SECU command
INTSORT	Csect	SEC	ESS-table sort subroutine
INTVRB00	Csect	SEC	ESS-input verb, Front End security processing
LOGSEC	Dsect	SEC	ESS log record msg. area
LUCUR	Csect	SEC	ESS-VTAM HALT user exit for signoff checking
PMIAUTOF	Csect	SEC	automatic sign-off processing
PMIHEADR	Csect	SEC	switch sending/receiving SS codes for security test
PMISIGN	Csect	SEC	ASGN/DSGN, SIGN commands processing subsystem
PMIUVERB	Table(I)	SEC	COPY list of Front End verbs
RPT00036	Table	SEC	AVRB/DVRB and ASGN/DSGN error messages
RPT00037	Table	SEC	Sign-on/Sign-off processing and error messages
RPT00049	Table	SEC	ESS error and sign-on messages
SECFILE	Utility	SEC	ESS preformat/initialize/enlarge security file
SECLOCK	Macro(I)	SEC	ESS security locking
SECTB	Macro(I)	SEC	generate DSECT of security table (GENSEC/SECVERBS)
SECTEST	Macro	SEC	ESS-test user authority for a logical function
SECUEXIT	Csect	SEC	ESS-sample user exit - LOGOFF id, signoff cleanup
SECUPRNT	Utility	SEC	ESS-Security file print program
SECUPTRS	Utility	SEC	ESS-initialize/display user account record chains
SECURE00	Csect	SEC	general Security commands processing router
SECURE01	Csect	SEC	Verb Security processing
SECURE02	Csect	SEC	Station/Operator sign-on processing
SECVERBS	Macro	SEC	define verbs for security checking in Station Table
STATION	Macro	SEC	Basic Security parms for terminals
SVECT	Macro(I)	SEC	ESS-generate vector table or Dsect
SYCTTBL	Macro	SEC	Basic Security parms for subsystem
USRPAGEX	Csect	SEC	Page Facility-page adding control user exit

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
FAKEDISP	Csect	SNP	trap dispatcher entries for debugging
IJKTRACE	Csect	SNP	print dispatcher queues (Snap 126)
IJKWHOIT	Csect	SNP	find Csect/subsystem name for trace, messages
PMIDEBUG	Csect	SNP	process region dump/cancel request for debugging
PMISNAP	Macro	SNP	request a snap
PMISNAP1	Csect	SNP	snap request processing to produce a snap
SNAPPRMS	Table(I)	SNP	snap areas, EQUates for Snap execution
SNAPRTN	Csect	SNP	SNAP/ABND commands processing (GPSS)
SPIEEXIT	Csect	SNP	ESPIE exit routine to trap program checks
SPIESNAP	Csect	SNP	produce Snap 126 (indicative or full)
SPINOFF	Csect	SNP	spin off snap data sets processing
STAEEXIT	Csect	SNP	ESTAE exit routine processing-flush log, etc.
STAERTRY	Csect	SNP	recoverable abends retry processing
STAETASK	Csect	SNP	ESTAE initialization, exit for subtasks
TDUMP	Csect	SNP	print thread RCB chains (Snap 126)
TRAP	Csect	SNP	trap various entry-points to check 24-Amode pools
TRAP31	Csect	SNP	trap various entry-points to check 31-Amode pools

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
ASYDSECT	Dsect	SS	Asynchronous Load Subtask communication area
ASYNCH	Csect	SS	subtasked Asynchronous Overlay Load processing
ASYNCLDR	Csect	SS	Asynchronous Load-dynamically loaded SS/subroutine
CB2SNPAR	Dsect	SS	VS COBOL II interface snaps parameter list
CKLINK	Csect	SS	test for loadable (dynamic, overlay) subsystems
CKWORK	Macro (I)	SS	test for auxiliary SCT coding
CKWORK1	Macro (I)	SS	used by CKWORK
CKWORK2	Macro (I)	SS	used by CKWORK
COB2PC	Proc (L)	SS	VS COBOL II compile
COB2PCL	Proc (L)	SS	VS COBOL II compile and link (resident/loaded)
COBDSECT	Dsect	SS	256-byte COBOL DWS prefix area description
COBPUT	Csect	SS	Cobol/PL1 interface-queue a message for another SS
COBREENT	Csect	SS	Subroutine interface for Reentrant Cobol
COBSTORF	Csect	SS	Free dynamic storage for Reentrant Cobol
DDQINTFC	Csect	SS	automatic subsystem input message processing
DELOAD	Csect	SS	Dynamic subsystem load processing
DYNDSECT	Dsect	SS	Dynamic loaded subroutines (SUBMODS macro) area
DYNLLOAD	Csect	SS	Dynamic subroutine load and linkedit
DYNSSUP	Csect	SS	FTUN/SSUP SYCTTBL dynamic change processing
FDITCB	Csect	SS	thread control block processing
FEMACGBL	Table (I)	SS	globals area table for subsystem codes sorting
FINTUNER	Csect	SS	process SS control commands BEGN/DELY etc.
GENINDEX	Macro	SS	generate subsystem control table indices
HEXSETC	Table (I)	SS	hex SETC symbols for hex parm values (SYCTTBL)
ICOMDWS	Table	SS	Cobol copy code-output msg. header fields
ICOMHEXC	Table	SS	Cobol hex values copy code
ICOMINMG	Table	SS	Cobol copy code for input message header
ICOMSBS	Table	SS	Cobol copy code for REENTSBS offset codes
ICOMSSCS	Table	SS	Cobol copy code for VMI's and SS-codes (E/O, etc.)
ICOMTASK	Csect	SS	Subtask macro processing
IJKMAC02	Macro (I)	SS	internal replacement for SETOVLY macro
IJKTLOOP	Csect	SS	subsystem loop timeout processing
INTCOPYR	Macro (I)	SS	issue Copyright message (SPALIST)
INTLOAD	Csect	SS	dynamic loaded subsystem interface (not dyn link)
INTSCT	Table	SS	Intercomm SYCTTBLs subsystem table
INTSPA	Table	SS	sample SPALIST code-SPA and SPAEXT (single-region)
INTTCB	Macro (I)	SS	Icom thread control block processing or gen. DSECT
LOADOVLY	Csect	SS	synchronous overlay subsystem load processing
LOADSCT	Csect	SS	LOAD command processing
MCSRROUTE	Macro (I)	SS	SPALIST-set ROUT code fields-force/suppress
MODCNTRL	Macro	SS	request use of a dynamically loaded subroutine
MONOVLY	Csect	SS	Overlay B, C, D subsystem control processing
OPOINT	Macro (I)	SS	test an overlay segment loaded/in core
OVLYBTB	Table	SS	Sample Overlay B verb/SS table
OVLYTBL	Dsect	SS	Overlay B, C, D verb table area for MONOVLY
PENTRY	Table	SS	PL1-F codes for REENTSBS routines interface
PL1HDR	Table	SS	PL1-Opt. based copy code for msg. header area
PL1INTFC	Macro (I)	SS	PREPL1-generate subsystem call code (PL1-F)
PL1V	Csect	SS	PL1-F prefix-vectors for dynamic load SS
PLIENTRY	Table	SS	DECLARE REENTSBS subroutine names (PL1-Opt.)
PL1V	Csect	SS	PL1-Opt. prefix-vectors for dynamic load SS
PLMSGHD	Table	SS	PL1-F copy code for message header area

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
PMICANC	Csect	SS	USERCANC processing when SS cancelled/msg. flushed
PMICOBOT	Csect	SS	convert decimal ITEM codes to binary for msg.
PMIDLOAD	Csect	SS	Dynamic subroutine load/delete processing
PMIOVLAY	Csect	SS	Transient Overlay subroutine load processing
PMIPL1	Csect	SS	PL1 interface to non-PL1 subroutines (REENTSBS)
POSTPSCT	Macro(I)	SS	post primary SCT (if active) for auxiliary SCT
PREPL1	Csect	SS	PL1-F subsystem initialization interface
PREPLI	Csect	SS	PL1-OPT subsystem initialization interface
PREPROG	Csect	SS	COBOL subsystem initialization interface
PRTGEN	Macro(I)	SS	dummy for downward compatibility
REENTSBS	Table	SS	subroutine entry definitions
RESOURCE	Macro	SS	specify a resource shared by subsystems
RESRC	Dsect	SS	RESOURCE macro area description
RPT00008	Table	SS	'PROGRAM CANCELLED DUE TO....'-PMICANC
RPT00042	Table	SS	'INVALID SYSTEM CODE SNAP ISSUED,...'
RPT00043	Table	SS	TALY command subsystem Q's, active threads, display
SCNLIDS	Dsect	SS	Subsystem Controller save area
SCTLISTC	Dsect	SS	SYCTTBL macro area description
SETOVLY	Macro(I)	SS	issues IJKMAC02 (set current OVLY # in Dispatcher)
SORTGEN	Macro(I)	SS	generate sorted SCT indices (GENINDEX)
SORTTBL	Macro(I)	SS	sort subsystem codes (SORTGEN)
SPALIST	Macro	SS	define system parameter area (SPA/SPAEXT) or DSECT
SSBITS	Macro(I)	SS	generate STRT/STOP function bits table (SPALIST)
SSCONV	Macro(I)	SS	Subsystem codes conversion processing
SSMACRO	Macro(I)	SS	generate STRT/STOP processing request macros
SUBMODS	Macro	SS	define application subroutine entry-REENTSBS
SWMODE	Csect	SS	loaded 31-Amode program (BAL/PL1) interface
SYCT400	Csect	SS	Subsystem Controller (SYCTRL Csect)
SYCTTBL	Macro	SS	define subsystem processing/Q characteristics
TALLY	Csect	SS	TALY SS Queues, active threads, display processing
THDCOMD	Dsect	SS	VS COBOL II THDCOM control block layout
TIMETBL	Dsect	SS	time zone (TMZONE macro) processing area
TMZONE	Macro	SS	specify time dependent processing
TRIGGER	Csect	SS	process time dependent table entries
TUNRBEGN	Csect	SS	issue BEGN msg. for a SS-dispatched by FINTUNER
UNPAD	Macro(I)	SS	remove leading blanks (SORTGEN)
USERSPA	Table	SS	dummy copy code-user extension to SPA area
USRSCTS	Table	SS	dummy copy code-user SYCTTBLs (for INTSCT)
USRSUBS	Table	SS	dummy copy code-user SUBMODS macros into REENTSBS
XASWITCH	Macro(I)	SS	flip 24/31 processing modes

RELEASE 11 MODULES ON SYMREL AND MODREL-ALPHABETICALLY BY CODES

NAME	TYPE	CODE	DESCRIPTION
BTAMLINE	Csect	STC	BTAM Front End startup
BTVERIFY	Csect	STC	check BTAM network tables coding
CALCRBN	Csect	STC	allocate disk queue RBN (space) addresses
CHECKPT3	Csect	STC	checkpoint processing-dispatch only
CKLINK	Csect	STC	test for loadable (dynamic, overlay) subsystems
CLOSDWN3	Csect	STC	close-down processing subsystem
DBRSTRT	Csect	STC	generalized Data Base restart processing
DDQSTART	Csect	STC	DDQ data sets initialization
DUMVCOB2	Csect	STC	VS COBOL II environment set up - dummy subsystem
GDBSTUP	Csect	STC	Generalized Data Base support start-up
ICOMCESD	Csect	STC	dynamic linkedit-create ESD entries table at startup
ICOMDYNL	Csect	STC	dynamic linkedit processing at start-up
ICOMTASK	Csect	STC	TASKSTRT entry-initialize SUBTASK processing
ICOMVCON	Csect	STC	dynamic linkedit-relocate external references-startup
IJKCESD	Csect	STC	build address/Csect(entry) names table at startup
INTSEC00	Csect	STC	ESS environment initialization, closedown
INTSORT	Csect	STC	sort CESD entry/address tables at startup
INTSTS	Csect	STC	start System Tuning Statistics reporting
IXFFAR	Csect	STC	File Attribute Records DSCT initialization
IXFHND00	Csect	STC	file start-up/close-down processing
LOGPROC	Csect	STC	fast log msg., checkpoint, restart processing
LPSTART	Csect	STC	link pack and SPA start-up initialization
MMUSTART	Csect	STC	MMU start-up initialization
MRINTER	Csect	STC	MRS initialization/termination processing
PMIBTSTR	Csect	STC	BTAM Front End initialization routine calls
PMICKFTB	Csect	STC	startup-check File Table entries; DD names, DCBs
PMIDATER	Csect	STC	convert Julian date to Gregorian (mmdyy)
PMIDEBUG	Csect	STC	dynamic debugging via WTOR
PMIGETNB	Csect	STC	check Disk Q's DD statements, set no. RBNs
PMITEST	Csect	STC	PMIPRIME-initialize Test Mode input buffers
POOLSTRT	Csect	STC	dynamically load core pools members at startup
RESTORE3	Csect	STC	checkpoint restart and initialization
SSRPT	Csect	STC	Closedown subsystem processing stats report
STARTDLI	Csect	STC	DL/I Data Base start-up initialization
STARTUP3	Csect	STC	Intercomm start-up and system initialization
STOSTART	Csect	STC	Store/Fetch data sets initialization
STRTSTOP	Csect	STC	SSINIT entry-STRT/STOP functions initialization
STVSCOB2	Csect	STC	initialize VS COBOL II environment (call DUMVCOB2)
SUBRPT	Csect	STC	Closedown loaded subroutine activity report
TCAMVER	Csect	STC	verify TCAM terminal/line definitions
TOTCLOSE	Csect	STC	TOTAL data base closedown
TOTSTART	Csect	STC	TOTAL data base initialization
USRCLOSE	Csect	STC	user exit-issue Intercomm closedown message
USRSTART	Csect	STC	user exit-issue Intercomm start-up message
VERBSTRT	Csect	STC	dynamically load BTVRBTB at startup
VTSTART	Csect	STC	VTAM startup initialization