



**Advanced Systems, Incorporated**

**MESSAGE  
FORMAT  
SERVICE**

**REFERENCE CARD  
4575H01**

# MOD AND MID PARAMETERS

label	MSG	<p>TYPE= <u>INPUT</u> OUTPUT</p> <p>,SOR=(formatname ,IGNORE)</p> <p>,NXT=msgdescriptorname ,OPT=<math>\frac{1}{2}</math> <math>\frac{3</math></p> <p>FOR MSG TYPE=OUTPUT ONLY</p> <p>,PAGE= <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES ,FILL= C' ' C'c' NULL PT</p>
	LPAGE	<p><u>FOR MSG TYPE=OUTPUT</u></p> <p>SOR=dpageName</p> <p>,COND= <math>\left. \begin{array}{l} \text{mfidname} \\ \text{(mfidname(pp),} \\ \text{segoffset} \end{array} \right\} \text{'value'}</math></p> <p>,NXT=msgdescriptorname</p> <p>,PROMPT=(dfidname,'literal')</p> <p><u>FOR MSG TYPE=INPUT</u></p> <p>SOR=(dpageName,...)</p> <p>,NXT=msgdescriptorname</p>
	PASS-WORD	BLANKS OR COMMENTS
	SEG	<p>,GRAPHIC= YES NO</p> <p><u>FOR MSG TYPE=INPUT</u></p> <p>EXIT=(exitnum,exitvect)</p>
label	MFLD	<p><u>FOR MSG TYPE=INPUT</u></p> <p>dfidname 'literal' (dfidname,'literal')</p> <p>,LTH=<math>\frac{1}{nn}</math> (pp,nn) ,JUST=<math>\frac{1}{R}</math> ,ATTR= NO YES</p> <p>X'40' X'hh'</p> <p>,FILL= C'c' NULL ,EXIT=(exitnum,exitvect)</p> <p><u>FOR MSG TYPE=OUTPUT</u></p> <p>dfidname (dfidname,'literal') (dfidname,system-literal) (SCA)</p> <p>,LTH=<math>\frac{1}{nn}</math> ,JUST=<math>\frac{1}{R}</math> ,ATTR= NO YES</p>
	MSGEND	BLANKS OR COMMENTS

# DIF/DOF PARAMETERS

label	FMT	BLANKS OR COMMENTS
	DEV	<p>TYPE= <math>\left\{ \begin{array}{l} 3270 \\ (3270, 2) \\ 3270-An \end{array} \right\}</math> <u>FOR 3270 DISPLAY</u></p> <p>.FEAT= <math>\left\{ \begin{array}{l} IGNORE \\ \left( \begin{array}{ccc} \underline{CARD} &amp; \underline{PFK} &amp; \underline{PEN} \\ \text{NOCD} &amp; \text{NOPFK} &amp; \text{NOPEN} \end{array} \right) \end{array} \right\}</math></p> <p>.PEN= dfidname, CARD= dfidname, DSCA=X'value' number</p> <p>.SYMSG= dfidlabel</p> <p>.PFK= (dfidname, integer='literal' system function)</p> <p>TYPE= (3270P, 2) <u>FOR 3270 PRINTERS</u></p> <p>.FEAT= <math>\left\{ \begin{array}{l} 120 \\ 126 \\ 132 \\ IGNORE \end{array} \right\}</math> .DSCA=X'value' number</p> <p>.PAGE=( <u>55</u> number, <u>DEFN</u> FLOAT SPACE )</p>
	DIV	<p>TYPE= <u>INOUT</u> OUTPUT</p>
label	DPAGE	<p>CURSOR=( (ll,ccc [,dfld]) ... ... (ll,ccc [,dfld]) ...)</p> <p>.FILL= <math>\left\{ \begin{array}{l} \underline{PI} \\ \underline{X'HH'} \\ \underline{C'c'} \\ \underline{NONE} \\ \underline{NULL} \end{array} \right\}</math> .MULT=YES</p> <p>FOR DEV TYPE=3270P</p> <p><u>X'40'</u> <u>X'HH'</u> FILL= <u>C'c'</u> <u>NONE</u> <u>NULL</u></p>
label	DFLD	<p>PASSWORD 'literal' .POS=(ll,ccc ,pp) .LTH=nnn</p> <p>'literal' or .PEN= System Function</p> <p>.ATTR=( <u>ALPHA</u> , <u>NOPROT</u> , <u>NODET</u> , <u>NORM</u> <u>NUM</u> , <u>PROT</u> , <u>IDET</u> , <u>NODISP</u> <u>MOD</u> , <u>STRIP</u> ) <u>MOD</u> , <u>NOSTRIP</u> )</p> <p>.OPCTL=tablename</p>
	FMTEND	BLANKS OR COMMENTS

# OTHER PARAMETERS

## PENCIL SAVERS 1

label	DO	count <u>1</u> ,line-increment ,SUF = <u>01</u> number	<u>MAX</u> ,column-increment  ,BOUND = <u>LINE</u> FIELD
	ENDDO	BLANKS OR COMMENTS	

## PENCIL SAVERS 2

label	COPY	member-name
Symbol	EQU	number alphanumeric identifier literal
label	STACK	<u>ON</u> .id <u>OFF</u>
label	UNSTACK	id . <u>DELETE</u> <u>KEEP</u>

## OPERATION CONTROL

tablename	TABLE	BLANKS
label	IF	$\left\{ \begin{array}{l} \text{DATA} \\ \text{LENGTH} \end{array} \right\} \cdot \left\{ \begin{array}{l} < \\ > \\ < \\ > \\ = \\ = \end{array} \right\}$ 'literal' data-length . system function or label
	TABLEEND	BLANKS OR COMMENTS

## LISTING CONTROL

label	PRINT	<u>ON</u> . <u>GEN</u> <u>OFF</u> . <u>NOGEN</u>
label	EJECT	BLANKS OR COMMENTS
label	TITLE	'character sequence'
label	SPACE	<u>1</u> number

## OTHERS

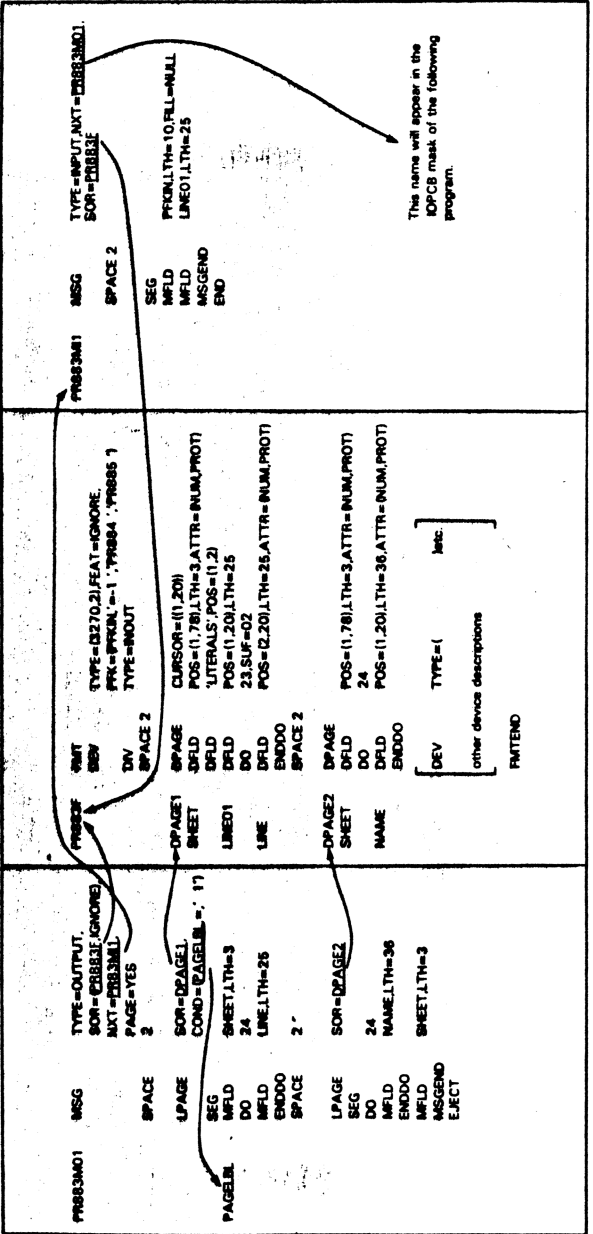
label	ALPHA	'literal character string'
label	END	BLANKS OR COMMENTS

# INTERBLOCK REFERENCES

**MID**

**DOF**

**MOD**



# DYNAMIC ATTRIBUTE MODIFICATION

The values of the two leading bytes of a field using dynamic attribute modification may be defined as follows.

BYTE	BIT	MEANING
0	0	Request for cursor placement under this field if both bits are set on.
	1	
	2	Must be set off.
	3	
	4	
	5	
	6	
7		
1	0	Must be one.
	1	If on. These attributes replace the DOF attributes. If off. These attributes are added (logical "OR" to the DOF attributes).
	2	Protected.
	3	Numeric.
	4	*High intensity (forces detectable).
	5	*Non-displayable (forces nondetectable).
	6	*Pen detectable (forces normal intensity).
7	Modified data tag (sets to one).	

\*Mutually exclusive. If multiples are set, 4 takes precedence, then 5, then 6.

## SCA AND DSCA

The value of the two system control area bytes may be defined as follows.

BYTE	BIT	MEANING
0	0-7	Should be zero.
1	0	Should be one.
	1	Erase write.
	2	Erase unprotected fields before write.
	3	Sound device alarm.
	4	Copy output to candidate printer.
	5-7	Should be zero.

## SYSTEM LITERALS

SYSTEM LITERAL NAME	PRODUCES LITERAL OF	
	LENGTH	FORMAT
LTSEQ	5	nnnnn
LTNAME	8	aaaaaaaa
TIME	8	HH:MM:SS
DATE1	6	YY.DDD
DATE2	8	MM/DD/YY
DATE3	8	DD/MM/YY
DATE4	8	YY/MM/DD
LPAGENO	4	nnnn

## SYSTEM FUNCTIONS

NOFUNC
NEXTPP
NEXTMSG
NEXTMSGP
NEXTLP
ENDMPPI
PAGEREQ