

LOS I/O STATION TASK CONTROL AREA (TCA)

Date:-

(TCA origin is at 3720-)

Page:- 01 Col:- 17- 37-

Step		Octal	Step
00			00
01			01
02			02
03			03
04			04
05			05
06			06
07	copied to	PARTITION BASE (+bit 17 set) ->INPUT BUFFER (3600-) ->SPOOL BUFFER (3400-) ->Next Record No. for SPOOL routine ->MASTER BUFFER (3200-) ->FILE TABLE ->TASK CONTROL AREA origin (3720-)	07
10	0/0065 each		10
11	time task		11
12	regains CPU		12
13	control		13
14			14
15			15
16			16
17			16
20	FLAGS	INPUT DEVICE CODE / OUTPUT DEVICE CODE	17
21			20
22	RETURN ADDRESS (GET routine)	(=377777 if task HALTED)	21
23	RETURN ADDRESS (PUT routine)		22
24	->INPUT SERVICE r/n		23
25	->OUTPUT SERVICE r/n		24
26	STOUT Continuation address		25
27	PRINT QUEUE NUMBER for POST routine	B17 = repeat	26
30	RETURN ADDRESS (GET PASSWORD routine)		27
31	Debug Control Word		30
32	B17 = no flash		31
33			32
34			33
35	Original GET routine return address (used by COMMAND rtn)		34
36	STIN bugly		35
37	STOUT Address Byte Address of message		36
40	STIN Continuation address		37
41			40
42	OVERRUN CHARACTER		41
43			42
44			43
45			44
46	FLASHBACK DEVICE CODE (0=no flashback)		45
47	INx2		46
50	Count		47
51	Input Count or Status or Actual EOF		50
52	*ENTRY INPUT SERVICE ROUTINE	INPUT SERVICE	51
53	JSBR I 1724		52
54	P=	back address	53
55			54
56	OUTx2		55
57	ESsects Control Word		56
60	*ENTRY OUTPUT SERVICE ROUTINE	OUTPUT SERVICE	57
61	JSBR I 1725		60
62	P=	back address	61
63	PLAIN PAPER PRINT QUEUE NUMBER (assigned by "U" COMMAND)		62
64	ESCAPE POINT assigned by "Specify Escape Point" rtn		63
65	FLASH REQUEST WORD		64
66	TASK NO of PRINTER CONTROLLED by COMMAND rtn		65
67			66
70			67
71			70
72	Default Restart Address		71
73	Save A Reg } Saved by JSBR IZ 1703 rtn		72
74	Save B Reg }		73
75	FILE TABLE MASK (bits 17&16)		74
76	RETURN ADDRESS (Name & Address Processor)		75
77	EXIT COUNTER (Name & Address Processor)		76
			77

LOS PRINTER TASK CONTROL AREA (TCA)

Page:- 01 Col:- 17- 37-

Step		Octal	Step
00			00
01			01
02			02
03			03
04			04
05			05
06			06
07	copied to		07
10	0/0065 each		10
11	time task		11
12	regains CPU		12
13	control		13
14			14
15			15
16			16
17			17
20	FLAGS	OUTPUT DEVICE CODE	20
21			21
22	RETURN ADDRESS A	(=377777 if task HALTED)	22
23	RETURN ADDRESS B		23
24			24
25			25
26			26
27	PRINT QUEUE NUMBER for POST routine	<i>B7 = reprint code</i>	27
30	RETURN ADDRESS (printer output routine)		30
31	Debug Control Word		31
32	<i>Current Status</i>		32
33	PRINTER IDENTIFIER LETTER (ASCII)		33
34	PRINTER CONTROL WORD (B15="L" COMMAND)		34
35	LENGTH OF INNER PRINT BUFFER (characters)	=132	35
36	PROGRAM ENTRY POINT	000204	36
37	→USER'S TERMINATION ROUTINE		37
40	OUTER PRINT BUFFERS IN USE counter		40
41	SUSPEND or CANCEL COMMAND REQUEST INDICATOR		41
42	B17=NO CANCELLATION/ TASK NO to be flashed when printed		42
43	PRINT QUEUE NUMBER assigned by "P" COMMAND		43
44	PROGRAM NAME last loaded into partition		44
45	(4 characters ASCII spacefilled)		45
46	A reg at entry to Printer Output Routine		46
47	Count of LINE FEEDS pending		47
50	→OUTER BUFFER A	} exchanged dynamically	50
51	→OUTER BUFFER B		51
52	<i>B17 = Reprintable B16 = Reprint</i>		52
53			53
54			54
55			55
56			56
57			57
60			60
61			61
62			62
63			63
64			64
65			65
66			66
67			67
70	PAGE NUMBER		70
71			71
72	Default Restart Address		72
73	Save A Reg	} Saved by JSBR IZ 1703 rtn	73
74	Save B Reg		74
75	FILE TABLE MASK (bits 17&16)		75
76	RETURN ADDRESS (Name & Address Processor)		76
77	EXIT COUNTER (Name & Address Processor)		77