SYSTEM SUBROUTINES FOR TSS 2.0 CLASSIFIED LIST

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SYSTEM SUBROUTINES FOR TSS 2.0 -- CLASSIFIED LIST

Note: BRS's marked with 'e' may be used only by programs with executive status.

BRS's marked with 'r' may be used only with certain restrictions; for which see the TSS Reference Manual

Q) SCHEDULING, FORKS AND PROGRAM INTERACTION

Ql.	Programm	mable Interrupts	
	BRS 78	Arm/disarm software interrupts	4-1
	79	Cause specified software interrupt	4-1
	49	Determine which software interrupts are armed	4-2
Q 2.	Control	of the rubout key	
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	46e	Ignore rubout key	3-6
	47e	Restore response to rubout key	3-6
	26 e	Skip if rubout waiting (significant only after BRS 46)	3- 6
Q 3.	Activati	on of a fork	
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	75	Reactivate the closest ancestor fork dismissed by a BRS 74;	
		suspend activity in all the ancestor's subsidiary forks	3-7
	76	Restart activity in all forks suspended by a previous	
		BRS 75 or 89	3-8
	57	Guarantee 16 ms. continuous computing in this fork	2- 3
Q4.	Interro	gation of a fork	
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	107	Determine status of all subsidiary forks	3-3
Q5.	Temporar	ry suspension of forks	
	BRS 45	Dismiss calling fork to quantum overflow queue	2-3
	72 e	Dismiss calling fork to specified queue	2-5
	81	Dismiss calling fork for specified time	6-1
	74	Dismiss calling fork until BRS 75 or termination in	
		any subsidiary fork	3-7

	75	See S Q3.	3-7
	89	Suspend activity in all forks subsidiary to a given one	3-8
	31	Dismiss calling fork until a specified subsidiary fork	
		terminates	3-3
	10	6 Dismiss calling fork until any one subsidiary fork terminates	3-3
	10	9 Dismiss calling fork until a software interrupt occurs or	
		it is terminated	6-1
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	77	Terminate all forks suspended by a previous BRS 75 or 89	3-8

(F) INPUT/OUTPUT

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	105 e	Core-to-drum 2K block transfer	5 - 5
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m 0	- /0		
F 3.	1/0 0	pperations	
	BIO	File/memory data block transfer	9-3
÷	W I O	File/A-register word transfer	9-3
	CIO	File/A-register character transfer	9-2
	DWO	Output 1 word from A register to random file	10-1
	DWI	Input 1 word from random file to A register	10-1
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	DBI	Input data block from random file to memory	10-2
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T TELETYPES

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		100	Obtain pseudo-relabelling for accessing named, shared	
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(S)

STRING PROCESSING

N NUMBERS

NI.	Number I/O						
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	specified radix	17-1					
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	53 Output floating point decimal no.	19-1					
	SIC Convert character string to floating point number 19						
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	21 Negate floating point number	19-1					
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(X) MISCELLANEOUS

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(E)	EXCE	CUTI	VE COMMAND BRS's	
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		95	Dump machine on file	14-1
		96	Recover machine from file	14-1
		97	Where is user	11+-1
		98	Consult with user	י ביי די

Concise Index to BRSs

-	0	1	2	3	4	5	6	7	8	9
0		Fl	Fl		Ml	s2	\$ 2		Fl	Q 3
10	Q 6	T 2	T 2	T 2	T2	F2	F2	F 2	F2	F2
20	Х	NS	Q 6	Tl	Tl	Tl	Q 2	Tl	Tl	T 2
30	Q4	Q 5	Q 6	Sl	Sl	Sl	Nl.	\$ 2	Nl	
40	T2	X	X	Ml	Ml	Q 5	Q 2	Q 2	F2	ସୀ
50	NS	NS	Nl	NI	Ml	ML	ML	Q 3	Fl	Fl.
60	F2	F2	F2	F2	F2		Fl.	Fl.	M2	M2
70		X	Q5	Q 6	Q5	Q 3	Q 3	Q 6	Q1	Q1
80	MI	Q 5	Fl	M2	M2	T2	T 2	Fl	X	Q 5
90	Q 2	X	E	E	E	E	E	E	E	M2
100	M2	M2	F 2	ES.	Fl	F1	Q5	Q4	Q 6	Q_{j+}
110	Fl	X	X	Fl	Fl		М	MI.	Fl.	F1
120	Ml	ML	M]							
										- 1

The sum of the numbers in the leftmost column and topmost row gives the number of the BRS.

In the body of the matrix is given the section of this document in which the BRS is described.