```
ZEXP FUNCTION RN1,C24
0,0/.1,.104/.2,.222/.3,.355/.4,.509/.5,.69/.6,.915/.7,1.2/.75,1.38
.8,1.6/.84,1.83/.88,2.12/.9,2.3/.92,2.52/.94,2.81/.95,2.99/.96,3.2
.97,3.5/.98,3.9/.99,4.6/.995,5.3/.998,6.2/.999,7/.9998,8

ZFN4 FUNCTION RN7,D8
0,20/.25,20/.251,60/.5,60/.501,80/.75,80/.751,100/1,100

ZFN5 FUNCTION RN4,C11
0,0/.125,3/.25,9/.375,14/.5,20/.625,39/.69,44/.75,50/.875,62/.95,80/1,100

TAB1 TABLE M1,0,120,8
TAB2 TABLE M1,0,130,9
GENERATE 110,FN$ZEXP,,,3
TRANSFER ,ABSPR
GENERATE 110,FN$ZEXP,,,2
TRANSFER ,SRPR
GENERATE 110,FN$ZEXP,,,1

BEZPR QUEUE QMPR
SEIZE U1
DEPART QMPR
ADVANCE 17,15
RELEASE U1
SEIZE U2
ADVANCE FN$ZFN4
RELEASE U2
SEIZE U3
ADVANCE 50,8
RELEASE U3
SEIZE U4
ADVANCE FN$ZFN5
RELEASE U4
TRANSFER ,OUT_BEZPR

SRPR QUEUE QSPR
SEIZE U1
DEPART QSPR
ADVANCE 17,15
RELEASE U1
SEIZE U2
ADVANCE FN$ZFN4
RELEASE U2
SEIZE U3
ADVANCE 50,8
RELEASE U3
SEIZE U4
```

```
ADVANCE FN$ZFN5
RELEASE U4
TRANSFER ,OUT_SRPR

ABSPR QUEUE QBPR
SEIZE U1
DEPART QBPR
ADVANCE 17,15
RELEASE U1
SEIZE U2
ADVANCE FN$ZFN4
RELEASE U2
SEIZE U3
ADVANCE 50,8
RELEASE U3
SEIZE U4
ADVANCE FN$ZFN5
RELEASE U4
TRANSFER ,OUT_ABSPR

OUT_BEZPR TRANSFER .17,T2_BEZ, T1_BEZ
T1_BEZ TABULATE TAB1
TRANSFER ,OUT_BEZ
T2_BEZ TABULATE TAB2
TRANSFER ,OUT_BEZ

OUT_SRPR TRANSFER .17,T2_SR, T1_SR
T1_SR TABULATE TAB1
TRANSFER ,OUT_SRs
T2_SR TABULATE TAB2
TRANSFER ,OUT_SR

OUT_ABSPR TRANSFER .17,T2_ABS, T1_ABS
T1_ABS TABULATE TAB1
TRANSFER ,OUT_SR
T2_ABS TABULATE TAB2
TRANSFER ,OUT_ABS

OUT_BEZ TERMINATE 1
OUT_SR TERMINATE 1
OUT_ABS TERMINATE 1
START 100
```

```
        START TIME              END TIME    BLOCKS  FACILITIES  STORAGES
             0.000              6374.660      68        4          0


              NAME                      VALUE
         ABSPR                         36.000
         BEZPR                          6.000
         OUT_ABS                       68.000
         OUT_ABSPR                     61.000
         OUT_BEZ                       66.000
         OUT_BEZPR                     51.000
         OUT_SR                        67.000
         OUT_SRPR                      56.000
         QBPR                       10008.000
         QMPR                       10011.000
         QSPR                       10005.000
         SRPR                          21.000
         T1_ABS                        62.000
         T1_BEZ                        52.000
         T1_SR                         57.000
         T2_ABS                        64.000
         T2_BEZ                        54.000
         T2_SR                         59.000
         TAB1                       10003.000
         TAB2                       10004.000
         U1                         10006.000
         U2                         10007.000
         U3                         10009.000
         U4                         10010.000
         ZEXP                       10000.000
         ZFN4                       10001.000
         ZFN5                       10002.000
```

LABEL	LOC	BLOCK TYPE	ENTRY COUNT	CURRENT COUNT	RETRY
	1	GENERATE	51	0	0
	2	TRANSFER	51	0	0
	3	GENERATE	61	0	0
	4	TRANSFER	61	0	0
	5	GENERATE	62	0	0
BEZPR	6	QUEUE	62	0	0
	7	SEIZE	62	0	0
	8	DEPART	62	0	0
	9	ADVANCE	62	0	0
	10	RELEASE	62	56	0
	11	SEIZE	6	0	0
	12	ADVANCE	6	0	0
	13	RELEASE	6	0	0
	14	SEIZE	6	0	0
	15	ADVANCE	6	0	0
	16	RELEASE	6	0	0
	17	SEIZE	6	0	0
	18	ADVANCE	6	0	0
	19	RELEASE	6	0	0
	20	TRANSFER	6	0	0

SRPR	21	QUEUE	61	0	0
	22	SEIZE	61	0	0
	23	DEPART	61	0	0
	24	ADVANCE	61	0	0
	25	RELEASE	61	16	0
	26	SEIZE	45	0	0
	27	ADVANCE	45	1	0
	28	RELEASE	44	0	0
	29	SEIZE	44	0	0
	30	ADVANCE	44	0	0
	31	RELEASE	44	0	0
	32	SEIZE	44	0	0
	33	ADVANCE	44	0	0
	34	RELEASE	44	0	0
	35	TRANSFER	44	0	0
ABSPR	36	QUEUE	51	0	0
	37	SEIZE	51	0	0
	38	DEPART	51	0	0
	39	ADVANCE	51	0	0
	40	RELEASE	51	0	0
	41	SEIZE	51	0	0
	42	ADVANCE	51	0	0
	43	RELEASE	51	0	0
	44	SEIZE	51	0	0
	45	ADVANCE	51	1	0
	46	RELEASE	50	0	0
	47	SEIZE	50	0	0
	48	ADVANCE	50	0	0
	49	RELEASE	50	0	0
	50	TRANSFER	50	0	0
OUT_BEZPR	51	TRANSFER	6	0	0
T1_BEZ	52	TABULATE	0	0	0
	53	TRANSFER	0	0	0
T2_BEZ	54	TABULATE	6	0	0
	55	TRANSFER	6	0	0
OUT_SRPR	56	TRANSFER	44	0	0
T1_SR	57	TABULATE	3	0	0
	58	TRANSFER	3	0	0
T2_SR	59	TABULATE	41	0	0
	60	TRANSFER	41	0	0
OUT_ABSPR	61	TRANSFER	50	0	0
T1_ABS	62	TABULATE	9	0	0
	63	TRANSFER	9	0	0
T2_ABS	64	TABULATE	41	0	0
	65	TRANSFER	41	0	0
OUT_BEZ	66	TERMINATE	6	0	0
OUT_SR	67	TERMINATE	53	0	0
OUT_ABS	68	TERMINATE	41	0	0

FACILITY	ENTRIES	UTIL.	AVE. TIME	AVAIL.	OWNER	PEND	INTER	RETRY	DELAY
U1	174	0.469	17.170	1	0	0	0	0	0
U2	102	0.988	61.741	1	131	0	0	0	72
U3	101	0.786	49.582	1	170	0	0	0	0
U4	100	0.499	31.831	1	0	0	0	0	0

QUEUE	MAX	CONT.	ENTRY	ENTRY(0)	AVE.CONT.	AVE.TIME	AVE.(-0)	RETRY
QSPR	3	0	61	33	0.076	7.936	17.288	0
QBPR	2	0	51	30	0.041	5.076	12.327	0
QMPR	3	0	62	31	0.162	16.608	33.216	0

TABLE	MEAN	STD.DEV.	RANGE			RETRY	FREQUENCY	CUM.%
TAB1	342.043	238.963				0		
			120.000	–	240.000		7	58.33
			240.000	–	360.000		2	75.00
			360.000	–	480.000		1	83.33
			480.000	–	600.000		0	83.33
			600.000	–	720.000		1	91.67
			720.000	–	_		1	100.00
TAB2	443.238	252.723				0		
			0.000	–	130.000		1	1.14
			130.000	–	260.000		22	26.14
			260.000	–	390.000		27	56.82
			390.000	–	520.000		8	65.91
			520.000	–	650.000		12	79.55
			650.000	–	780.000		12	93.18
			780.000	–	910.000		2	95.45
			910.000	–	_		4	100.00

FEC XN	PRI	BDT	ASSEM	CURRENT	NEXT	PARAMETER	VALUE
175	2	6399.395	175	0	3		
170	3	6404.533	170	45	46		
131	2	6417.046	131	27	28		
176	3	6420.411	176	0	1		
177	1	6636.594	177	0	5		

Untitled Model 1.18.sim:2 - TABLE WINDOW

TAB1

Mean: 342.043   **S.D.: 238.963**

TAB2

Mean: 443.238	S.D.: 252.723