GPSS World Simulation Report - Untitled Model 1.58.1

Thursday, November 08, 2018 00:26:19

START TIME END TIME BLOCKS FACILITIES STORAGES

0.000 10951.000 46 1 0

NAME VALUE

CLIENTS 10005.000

CONTIN 8.000

COUNTER 10012.000

CP 10002.000

CP\_TIME 10010.000

DELIVERY\_TIME 10015.000

FUNC\_VALUE\_MESSAGE 10003.000

MCOUNTER 10006.000

MESSAGES 10000.000

QSWITCH 10017.000

RAND 10004.000

RECEIVER 10014.000

SENDER 10013.000

SET\_RECEIVER\_NUMBER 15.000

SET\_SENDER\_NUMBER 9.000

SWITCH 10018.000

SWITCHING\_TIME 10016.000

TYPE 10009.000

TYPES 10001.000

VAL 10011.000

LABEL LOC BLOCK TYPE ENTRY COUNT CURRENT COUNT RETRY

1 GENERATE 547 0 0

2 SPLIT 547 0 0

3 ASSIGN 2175 0 0

4 ASSIGN 2175 0 0

5 ASSIGN 2175 0 0

6 TEST 2175 0 0

7 TERMINATE 1095 0 0

CONTIN 8 ASSIGN 1080 0 0

SET\_SENDER\_NUMBER 9 ASSIGN 29380 0 0

10 ASSIGN 29380 0 0

11 TEST 29380 0 0

12 MSAVEVALUE 1080 0 0

13 SAVEVALUE 1080 0 0

14 ASSIGN 1080 0 0

SET\_RECEIVER\_NUMBER 15 ASSIGN 46398 0 0

16 ASSIGN 46398 0 0

17 TEST 46398 0 0

18 MSAVEVALUE 1080 0 0

19 SAVEVALUE 1080 0 0

20 ASSIGN 1080 0 0

21 ASSIGN 1080 0 0

22 ADVANCE 1080 7 0

23 MSAVEVALUE 1073 0 0

24 SAVEVALUE 1073 0 0

25 QUEUE 1073 1 0

26 SEIZE 1072 0 0

27 DEPART 1072 0 0

28 ADVANCE 1072 1 0

29 RELEASE 1071 0 0

30 ADVANCE 1071 3 0

31 ADVANCE 1068 51 0

32 TEST 1017 0 0

33 MSAVEVALUE 1017 0 0

34 SAVEVALUE 1017 0 0

35 ADVANCE 1017 9 0

36 QUEUE 1008 1 0

37 SEIZE 1007 0 0

38 DEPART 1007 0 0

39 ADVANCE 1007 0 0

40 RELEASE 1007 0 0

41 MSAVEVALUE 1007 0 0

42 SAVEVALUE 1007 0 0

43 ADVANCE 1007 7 0

44 MSAVEVALUE 1000 0 0

45 SAVEVALUE 1000 0 0

46 TERMINATE 1000 0 0

FACILITY ENTRIES UTIL. AVE. TIME AVAIL. OWNER PEND INTER RETRY DELAY

SWITCH 2079 0.949 4.998 1 2144 0 0 0 2

QUEUE MAX CONT. ENTRY ENTRY(0) AVE.CONT. AVE.TIME AVE.(-0) RETRY

QSWITCH 23 2 2081 102 5.958 31.354 32.970 0

SAVEVALUE RETRY VALUE

MCOUNTER 0 3.000

CEC XN PRI M1 ASSEM CURRENT NEXT PARAMETER VALUE

1738 0 8800.000 1738 31 32

SENDER 66.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 4.000

COUNTER 37.000

TYPE 1.000

1766 0 8900.000 1758 31 32

SENDER 49.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 38.000

COUNTER 25.000

TYPE 1.000

1743 0 8820.000 1743 31 32

SENDER 49.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 2.000

COUNTER 11.000

TYPE 2.000

1749 0 8840.000 1749 31 32

SENDER 19.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 66.000

COUNTER 45.000

TYPE 2.000

1733 0 8760.000 1733 31 32

SENDER 38.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 42.000

COUNTER 43.000

TYPE 3.000

1737 0 8760.000 1733 31 32

SENDER 55.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 56.000

COUNTER 45.000

TYPE 3.000

1758 0 8900.000 1758 31 32

SENDER 46.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 55.000

COUNTER 27.000

TYPE 2.000

1805 0 9080.000 1800 31 32

SENDER 33.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 75.000

COUNTER 23.000

TYPE 1.000

1780 0 9000.000 1780 31 32

SENDER 33.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 91.000

COUNTER 4.000

TYPE 2.000

1800 0 9080.000 1800 31 32

SENDER 24.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 19.000

COUNTER 17.000

TYPE 1.000

1807 0 9120.000 1807 31 32

SENDER 24.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 33.000

COUNTER 6.000

TYPE 1.000

1764 0 8920.000 1764 31 32

SENDER 19.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 48.000

COUNTER 156.000

TYPE 3.000

1776 0 8940.000 1769 31 32

SENDER 24.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 49.000

COUNTER 28.000

TYPE 3.000

1948 0 9820.000 1948 31 32

SENDER 25.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 63.000

COUNTER 48.000

TYPE 1.000

1952 0 9860.000 1952 31 32

SENDER 70.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 25.000

COUNTER 17.000

TYPE 1.000

1968 0 9900.000 1961 31 32

SENDER 9.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 70.000

COUNTER 5.000

TYPE 1.000

1929 0 9720.000 1924 31 32

SENDER 70.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 17.000

COUNTER 21.000

TYPE 3.000

1986 0 10000.000 1986 31 32

SENDER 60.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 8.000

COUNTER 17.000

TYPE 1.000

1987 0 9980.000 1983 31 32

SENDER 72.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 46.000

COUNTER 6.000

TYPE 2.000

1991 0 10020.000 1991 31 32

SENDER 84.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 83.000

COUNTER 30.000

TYPE 2.000

2016 0 10120.000 2009 31 32

SENDER 93.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 15.000

COUNTER 37.000

TYPE 1.000

1995 0 10040.000 1995 31 32

SENDER 15.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 60.000

COUNTER 21.000

TYPE 2.000

1972 0 9940.000 1972 31 32

SENDER 92.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 9.000

COUNTER 41.000

TYPE 3.000

2002 0 10060.000 1998 31 32

SENDER 72.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 100.000

COUNTER 13.000

TYPE 2.000

2001 0 10080.000 2001 31 32

SENDER 74.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 92.000

COUNTER 58.000

TYPE 3.000

2064 0 10340.000 2057 31 32

SENDER 71.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 40.000

COUNTER 38.000

TYPE 1.000

2021 0 10140.000 2015 31 32

SENDER 10.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 72.000

COUNTER 73.000

TYPE 3.000

2044 0 10280.000 2044 31 32

SENDER 10.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 5.000

COUNTER 4.000

TYPE 2.000

2063 0 10360.000 2063 31 32

SENDER 30.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 10.000

COUNTER 16.000

TYPE 1.000

2024 0 10180.000 2024 31 32

SENDER 97.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 50.000

COUNTER 21.000

TYPE 3.000

2075 0 10380.000 2068 31 32

SENDER 14.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 16.000

COUNTER 11.000

TYPE 1.000

2076 0 10420.000 2076 31 32

SENDER 14.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 11.000

COUNTER 1.000

TYPE 1.000

2039 0 10240.000 2033 31 32

SENDER 14.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 52.000

COUNTER 8.000

TYPE 3.000

2080 0 10460.000 2080 31 32

SENDER 73.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 14.000

COUNTER 25.000

TYPE 2.000

2068 0 10380.000 2068 31 32

SENDER 80.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 43.000

COUNTER 20.000

TYPE 3.000

2074 0 10380.000 2068 31 32

SENDER 37.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 71.000

COUNTER 5.000

TYPE 3.000

2101 0 10540.000 2097 31 32

SENDER 45.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 20.000

COUNTER 16.000

TYPE 2.000

2097 0 10540.000 2097 31 32

SENDER 53.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 73.000

COUNTER 23.000

TYPE 2.000

2105 0 10580.000 2105 31 32

SENDER 39.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 18.000

COUNTER 8.000

TYPE 2.000

2121 0 10680.000 2121 31 32

SENDER 22.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 77.000

COUNTER 27.000

TYPE 1.000

2098 0 10520.000 2091 31 32

SENDER 23.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 58.000

COUNTER 26.000

TYPE 3.000

2119 0 10660.000 2119 31 32

SENDER 39.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 23.000

COUNTER 1.000

TYPE 2.000

2125 0 10700.000 2125 31 32

SENDER 34.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 98.000

COUNTER 220.000

TYPE 2.000

2115 0 10620.000 2111 31 32

SENDER 61.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 53.000

COUNTER 117.000

TYPE 3.000

2111 0 10620.000 2111 31 32

SENDER 76.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 45.000

COUNTER 12.000

TYPE 3.000

2151 0 10840.000 2146 31 32

SENDER 32.000

CP\_TIME 15.000

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 35.000

COUNTER 34.000

TYPE 1.000

2114 0 10640.000 2114 31 32

SENDER 69.000

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 12.000

COUNTER 266.000

TYPE 3.000

2136 0 10760.000 2136 31 32

SENDER 81.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 61.000

COUNTER 20.000

TYPE 2.000

2139 0 10760.000 2136 31 32

SENDER 96.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 3.000

COUNTER 137.000

TYPE 2.000

2142 0 10780.000 2138 31 32

SENDER 37.000

CP\_TIME 20.000

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 34.000

COUNTER 218.000

TYPE 2.000

FEC XN PRI BDT ASSEM CURRENT NEXT PARAMETER VALUE

2167 0 10952.000 2164 22 23

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 96.000

COUNTER 175.000

SENDER 81.000

TYPE 1.000

CP\_TIME 15.000

2144 0 10955.000 2144 28 29

SWITCHING\_TIME 5.000

SENDER 69.000

DELIVERY\_TIME 128.000

VAL 16.000

RECEIVER 59.000

COUNTER 43.000

TYPE 3.000

CP\_TIME 25.000

2077 0 10956.000 2073 35 36

DELIVERY\_TIME 128.000

SENDER 85.000

CP\_TIME 25.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 30.000

COUNTER 430.000

TYPE 3.000

2141 0 10957.000 2141 30 31

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

SENDER 29.000

VAL 9.000

RECEIVER 47.000

COUNTER 26.000

TYPE 2.000

CP\_TIME 20.000

2122 0 10958.000 2119 31 32

CP\_TIME 25.000

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

SENDER 79.000

VAL 16.000

RECEIVER 28.000

COUNTER 24.000

TYPE 3.000

2069 0 10959.000 2063 35 36

DELIVERY\_TIME 32.000

SENDER 97.000

CP\_TIME 15.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 87.000

COUNTER 35.000

TYPE 1.000

2172 0 10960.000 2172 0 1

2165 0 10969.000 2158 30 31

DELIVERY\_TIME 32.000

SWITCHING\_TIME 5.000

SENDER 62.000

VAL 4.000

RECEIVER 41.000

COUNTER 47.000

TYPE 1.000

CP\_TIME 15.000

2158 0 10972.000 2158 22 23

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 64.000

COUNTER 73.000

SENDER 76.000

TYPE 2.000

CP\_TIME 20.000

2073 0 10975.000 2073 43 44

DELIVERY\_TIME 128.000

RECEIVER 97.000

SWITCHING\_TIME 5.000

SENDER 22.000

CP\_TIME 25.000

VAL 16.000

COUNTER 36.000

TYPE 3.000

2033 0 10980.000 2033 35 36

DELIVERY\_TIME 128.000

SENDER 37.000

CP\_TIME 25.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 74.000

COUNTER 2.000

TYPE 3.000

2138 0 10980.000 2138 35 36

DELIVERY\_TIME 32.000

SENDER 69.000

CP\_TIME 15.000

SWITCHING\_TIME 5.000

VAL 4.000

RECEIVER 26.000

COUNTER 12.000

TYPE 1.000

2146 0 10990.000 2146 30 31

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

SENDER 81.000

VAL 9.000

RECEIVER 27.000

COUNTER 10.000

TYPE 2.000

CP\_TIME 20.000

2020 0 10995.000 2020 35 36

DELIVERY\_TIME 72.000

SENDER 21.000

CP\_TIME 20.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 93.000

COUNTER 48.000

TYPE 2.000

2078 0 10998.000 2078 43 44

DELIVERY\_TIME 128.000

RECEIVER 78.000

SWITCHING\_TIME 5.000

SENDER 39.000

CP\_TIME 25.000

VAL 16.000

COUNTER 139.000

TYPE 3.000

2091 0 11003.000 2091 35 36

DELIVERY\_TIME 128.000

SENDER 6.000

CP\_TIME 25.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 44.000

COUNTER 57.000

TYPE 3.000

2153 0 11008.000 2153 22 23

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 78.000

COUNTER 3.000

SENDER 32.000

TYPE 3.000

CP\_TIME 25.000

2159 0 11008.000 2153 22 23

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 13.000

COUNTER 14.000

SENDER 29.000

TYPE 3.000

CP\_TIME 25.000

2173 0 11012.000 2166 22 23

DELIVERY\_TIME 72.000

SWITCHING\_TIME 5.000

VAL 9.000

RECEIVER 57.000

COUNTER 191.000

SENDER 79.000

TYPE 2.000

CP\_TIME 20.000

2108 0 11014.000 2108 35 36

DELIVERY\_TIME 128.000

SENDER 99.000

CP\_TIME 25.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 95.000

COUNTER 78.000

TYPE 3.000

2027 0 11018.000 2027 43 44

DELIVERY\_TIME 128.000

RECEIVER 64.000

SWITCHING\_TIME 5.000

SENDER 86.000

CP\_TIME 25.000

VAL 16.000

COUNTER 122.000

TYPE 3.000

2102 0 11022.000 2097 43 44

DELIVERY\_TIME 72.000

RECEIVER 68.000

SWITCHING\_TIME 5.000

SENDER 1.000

CP\_TIME 20.000

VAL 9.000

COUNTER 21.000

TYPE 2.000

2045 0 11036.000 2038 43 44

DELIVERY\_TIME 128.000

RECEIVER 82.000

SWITCHING\_TIME 5.000

SENDER 89.000

CP\_TIME 25.000

VAL 16.000

COUNTER 161.000

TYPE 3.000

2009 0 11036.000 2009 35 36

DELIVERY\_TIME 128.000

SENDER 82.000

CP\_TIME 25.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 84.000

COUNTER 2.000

TYPE 3.000

1845 0 11041.000 1845 43 44

DELIVERY\_TIME 128.000

RECEIVER 67.000

SWITCHING\_TIME 5.000

SENDER 51.000

CP\_TIME 25.000

VAL 16.000

COUNTER 20.000

TYPE 3.000

1814 0 11041.000 1814 35 36

DELIVERY\_TIME 128.000

SENDER 67.000

CP\_TIME 25.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 24.000

COUNTER 5.000

TYPE 3.000

2164 0 11048.000 2164 22 23

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 90.000

COUNTER 9.000

SENDER 88.000

TYPE 3.000

CP\_TIME 25.000

2040 0 11051.000 2033 43 44

DELIVERY\_TIME 128.000

RECEIVER 21.000

SWITCHING\_TIME 5.000

SENDER 80.000

CP\_TIME 25.000

VAL 16.000

COUNTER 2.000

TYPE 3.000

2166 0 11068.000 2166 22 23

DELIVERY\_TIME 128.000

SWITCHING\_TIME 5.000

VAL 16.000

RECEIVER 36.000

COUNTER 36.000

SENDER 62.000

TYPE 3.000

CP\_TIME 25.000

Messages FUNCTION RN1,C2

0,1/1,6 ; функция для случайной генерации 3±2 сообщений

Types FUNCTION RN2,D3

0.33,1/0.66,2/1,3 ; функция выбора типа сообщения

CP FUNCTION P$Type,D3

1,15/2,20/3,25 ; функция выбора времени обработки сообщения по типу сообщения

FUNC\_Value\_message FUNCTION P$Type,D3

1,4/2,9/3,16 ; функция выбора объема сообщения в Кб по типу сообщения

Rand FUNCTION RN3,C2

0,1/1,101

Clients MATRIX ,1,100

INITIAL X$MCounter,100

GENERATE 20 ; генерация транзактов каждые две секунды

SPLIT FN$Messages ; порождение от одного транзакта случайное количество транзактов в пределах [1,5]

ASSIGN Type,FN$Types ; в первый параметр транзакта (Р1) записывается тип сообщения

ASSIGN CP\_time,FN$CP ; время обработки сообщения получателем

ASSIGN Val,FN$FUNC\_Value\_message; объем сообщения в кб.

TEST L X$MCounter,2,Contin

TERMINATE

Contin ASSIGN counter,0

Set\_sender\_number ASSIGN counter+,1

RMULT ,,P$counter

ASSIGN Sender,(FN$Rand\1)

Test E MX$Clients(1,P$Sender),0,Set\_sender\_number

MSAVEVALUE Clients,1,P$Sender,1

SAVEVALUE MCounter-,1

ASSIGN counter,0

Set\_receiver\_number ASSIGN counter+,1

RMULT ,,P$counter

ASSIGN Receiver,(FN$Rand\1)

Test E MX$Clients(1,P$Receiver),0,Set\_receiver\_number

MSAVEVALUE Clients,1,P$Receiver,1

SAVEVALUE MCounter-,1

ASSIGN Delivery\_time,(P$Val#8)

ASSIGN Switching\_time,5

ADVANCE P$Delivery\_time ; время, затраченное на передачу сообщения от клиента к коммутатору

MSAVEVALUE Clients,1,P$Sender,0 ; освобождение отправителя, чтобы он мог генерировать новые сообщения, пока получатель обрабатывает старое.

SAVEVALUE MCounter+,1

QUEUE QSWITCH ; блок сбора информации об очереди перед коммутатором

SEIZE SWITCH ; занятие коммутатора

DEPART QSWITCH ; покидание очереди перед коммутатором

ADVANCE P$Switching\_time ; время, затраченное на передачу сообщения внутри коммутатора

RELEASE SWITCH ; покидание коммутатора

ADVANCE P$Delivery\_time ; время, затраченное на передачу сообщения от коммутатора к клиенту

ADVANCE P$CP\_time ; обработка полученного сообщения

Test E MX$Clients(1,P$Sender),0 ; ожидание освобождения уже получателя

MSAVEVALUE Clients,1,P$Sender,1 ; занятие получателя

SAVEVALUE MCounter-,1

ADVANCE P$Delivery\_time ; время, затраченное на передачу сообщения от клиента к коммутатору

QUEUE QSWITCH ; блок сбора информации об очереди перед коммутатором

SEIZE SWITCH

DEPART QSWITCH

ADVANCE P$Switching\_time

RELEASE SWITCH

MSAVEVALUE Clients,1,P$Receiver,0

SAVEVALUE MCounter+,1

ADVANCE P$Delivery\_time ; время, затраченное на передачу сообщения от коммутатора к клиенту

MSAVEVALUE Clients,1,P$Sender,0

SAVEVALUE MCounter+,1

TERMINATE 1

START 1000

