

IMPORTANT: DATACELL USERS, COPY *CELLSTATLS
\$SIGNON OOFL T=4.0M C=600 P=150

MMMM	MMMM	TTTTTTTTTTTTTTTTTTTTTTTTTTTT	SSSSSSSSSS
MMMMM	MMMMM	TTTTTTTTTTTTTTTTTTTTTTTTTTTT	SSSSSSSSSSSS
MMMMMM	MMMMMM	TTTTTTTTTTTTTTTTTTTTTTTTTTTT	SSSSSSSSSSSSSSSSSS
MMMMMM	MMMMMM	TTTTT	SSSSSS SSSSSS
MMMMMM	MMMMMM	TTTTT	SSSSS SSSSS
MMMMMM	MMMMMM	TTTTT	SSSSS
MMMMMM	MMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMM	MMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMM	MMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMM	MMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMM	MMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMM	MMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMM	MMMMMM	TTTTT	SSSSSSSSSSSSSS
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MMMMMM	MMMMMM	TTTTT	SSSSSSSSSSSSSS
MMMMMM	MMMMMM	TTTTT	SSSSSSSSSSSSSS

Experiment 34
 Stirring Speed = 174
 Phase Fraction = 10%
 Flow = 70cc/min

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\$SIGNON UCRL T=4.0M C=600 F=150

**LAST SIGNON WAS: 13:11.14 C3-11-70

USER "CORL" SIGNED ON AT 13:34.00 ON C3-11-70

\$RUN *FORTRAN SPUNCF=-CEJ PAR=SOURCE,MAP

EXECUTION BEGINS

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0001      INTEGER*2  A(15000),NBR,LEN
0002      DIMENSION KCNT(6000),ZMCLF(6000),DIST(32,32),MDST(32,32),LMOL(40)
0003      DIMENSION CTF(20),KCNC(10000),CDIST(32,32),FCONC(2),CLDST(32,32)
0004      DIMENSION VPAR(30),VLMAR(30),CPAR(30),OPTM(20)
0005      DIMENSION CSCT(32,32),OPTA(20),OPTB(20)
0006      572  FORMAT(6I10,2F12.4)
0007      571  FORMAT(25(1X,Z4))
0008      52  FORMAT(10I8/10I8/10I8/10I8)
0009      17  FORMAT (3I10,2F10.4)
0010      717  FORMAT(20I4)
0011      83  FORMAT(11I10)
0012      7  FORMAT (20A4)
0013      82  FORMAT(2F15.6)
0014      87  FORMAT (11I5,5E14.6)
0015      5  FORMAT (8I5,5F8.4)
0016      88  FORMAT(11E10.4)
0017      100  FORMAT(11I5,1E14.6)
0018      DATA FSP,LEN,MCL7,'FSP',3,1287
0019      READ(5,5)  NBR,NSSE,NLEV,NOS,NDIM,NOC,NORG,NMA,8B,FRT,FAC,FREQ,SDR
0020      READ(5,17) NSPCA,NSTCA,NCIP,CPC,DRM
0021      NSSBS=NSSE
0022      LT=C
0023      KCLNT=C
0024      JF=C
0025      MCLES=0
0026      MKCNT=0
0027      NCG=C
0028      CCNOM=C.C
0029      CCNCL=10000.C
0030      ZMCL=C.C
0031      DO 74 I=1,40
0032      74  LMOL(I)=C
0033      EASE=C.C
0034      NCR=C
0035      L=C
0036      NKSC=SDR*FREQ/(2.C*FRT*FAC*NUS)
0037      SCEK=FRT*FAC*NCS*2.0/FREQ
0038      CALL FCSTAF
0039      IF(NOC.NE.0) GO TO 73
0040      28  CALL CORCT(A,NBR,822)
0041      INBR=NBR/2
0042      22  NCC=NCC+1
0043      DO 23 I=4,INBR,25
0044      IF(I.GT.1004) GO TO 24
0045      EASE=EASE+A(I)/40.C
0046      GO TO 23
0047      24  IEASE=EASE
0048      KLEV=A(I)-IEASE
0049      IF (KLEV.LE.NLEV) GO TO 26
0050      LT=LT+1
0051      FCCN=FCCN+KLEV
0052      GO TO 23
0053      26  EASE=(EASE*30.0+A(I))/31.0
0054      23  CONTINUE
0055      FCCN(NCC)=FCCN/LT

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CC56      IF (NCC.EG.1) GO TO 28
CC57      WRITE (6,82) (FCCNC(I),I=1,2)
CC58      73      ITMZ=C
CC59      READ (5,83) ISREC
CC60      71      IF (ITMZ.GE.ISREC) GO TO 70
CC61      CALL WRITE (FSF,LEN,MCL,0,2)
CC62      ITMZ=ITMZ+1
CC63      GO TO 71
CC64      70      CALL CORCT(A,NBR,&EC)
CC65      INBR=NBR/2
CC66      IPRT=INBR-24
CC67      WRITE (6,571) (A(I),I=1,25)
CC68      WRITE (6,571) (A(I),I=IPRT,INBR)
CC69      NCR=NCR+1
CC70      IF (NCR.GT.1) NSSB=4
CC71      IF (NCR.GT.1) GO TO 30
CC72      DO 20 I=4,NSSB
CC73      20      BASE=BASE+A(I)/(NSSB+C.CC01)
CC74      IEASE=BASE
CC75      30      DO 30 I=NSSB,INBR,NCS
CC76      IF (A(I).EQ.C) GO TO 50
CC77      IF (A(I).EQ.IC23) GO TO 50
CC78      KLEVI=IEASE-A(I)
CC79      IF (KLEVI.LE.NLEV) GO TO 40
CC80      KCUNT=KCUNT+1
CC81      MCLES=MCLES+KLEVI
CC82      GO TO 60
CC83      40      IF (KCUNT.LT.NKSD) GO TO 51
CC84      L=L+1
CC85      KCUNT(L)=KCUNT
CC86      ZMGLE(L)=MCLES
CC87      KCNC(L)=MCLES/KCUNT
CC88      IF (KCUNT.GT.MKCNT) MKCNT=KCUNT
CC89      IF (KCNC(L).GT.CCNCM) CCNCM=KCNC(L)
CC90      IF (KCNC(L).LT.CCNCCL) CCNCCL=KCNC(L)
CC91      51      IF (KLEVI.GT.50) GO TO 50
CC92      EASE=(BB*EASE+A(I))/(BB+1.0)
CC93      IEASE=BASE
CC94      50      KCUNT=C
CC95      MCLES=C
CC96      60      CONTINUE
CC97      WRITE (6,572) L,MKCNT,NBR,IEASE,NOR,KCUNT,CCNCM,CCNCCL
CC98      GO TO 70
CC99      80      NCG=NCG+1
C100      IF (NCG.GE.NCRG) GO TO 63
C101      NCR=C
C102      NSSB=NSSBES
C103      EASE=C.0
C104      GO TO 73
12 C105      63      CONTINUE
11 C106      STGT=C.0
10 C107      S1=C.0
9 C108      C1=C.0
8 C109      S2=C.0
7 C110      SIC1=C.0
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C111      C2=C.C
C112      S2=0.C
C113      S2C1=C.C
C114      SIC2=C.C
C115      C3=C.C
C116      DC 78 I=1,L
C117      SCAC=KCNT(I)*SCEK
C118      SCAD2=SCAC*SCAC
C119      SCAD3=SCAD2*SCAC
C120      CCNCZ=(KCNC(I)-CCNCL)/(CCNCM-CCNCL)
C121      CCAD=SCAD*CCNCZ
C122      CCAL2=CCAL*CCNCZ
C123      STCT=STCT+SCAD
C124      S1=S1+SCAD2
C125      C1=C1+CCAD
C126      S2=S2+SCAD3
C127      SIC1=SIC1+SCAD*CCAD
C128      C2=C2+CCAL2
C129      S3=S3+SCAD3*SCAC
C130      S2C1=S2C1+SCAD2*CCAD
C131      SIC2=SIC2+SCAD*CCAD2
C132      C3=C3+CCAD2*CCNCZ
C133      ZMCL(I)=ZMCL(I)-KCNT(I)*CCNCL
C134      IF (ZMCL(I).GT.ZMMCL) ZMMCL=ZMCL(I)
C135      IF (KCNT(I).LE.LMCL(I)) GO TO 78
C136      DC 72 II=2,40
C137      IF (KCNT(I).LT.LMCL(II)) GO TO 77
C138      72  LMCL(II-1)=LMCL(II)
C139      II=II+1
C140      77  LMCL(II-1)=KCNT(I)
C141      78  CONTINUE
C142      SUM=C.C
C143      DC 53 IE=C,38
C144      I=40-IE
C145      SUM=SUM+LMCL(I)*SCEK/STCT
C146      IF (SUM.GT.DFC.AND.LMCL(I).NE.LMCL(I-1)) GO TO 54
C147      53  CONTINUE
C148      54  LMC=LMCL(I-1)
C149      IF (DRM.GT.C.C) LMC=DRM/SCEK
C150      DC 21 I=1,NMA
C151      VMAR(I)=C.C
C152      VLMAR(I)=C.C
C153      21  CMAR(I)=C.C
C154      KGB=NCIP
C155      IF (NDIP.GT.NCIP) KGB=NCIM
C156      DC 85 I=1,KCE
C157      DC 85 J=1,KCB
C158      CCIST(I,J)=C.C
C159      CSDT(I,J)=C.C
12 C160      CLDST(I,J)=C.C
11 C161      MDST(I,J)=C
10 C162      DCM=(CCNCM-CCNCL)/(NDIP-C.C001)
9  C163      DVM=(LMC-NKSD)/(NDIP-1.C001)
8  C164      CC=(CCNCM-CCNCL)/(NDIP-C.C0001)
7  C165      DN=ZMMCL/(NDIP-C.C001)
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C166      EV=(MKCNT-MKSD)/(NDIM-0.001)
C167      EVV=(MKCNT-MKSD)/(NMA-0.001)
C168      CCC=(CCNCM-CCNCL)/(NMA-0.001)
C169      BLCG=ALEG(MKCNT+C.CCC1)
C170      SLCG=ALEG(MKSD+C.CCC1)
C171      CLV=(BLCG-SLCG)/(NDIM-0.001)
C172      CLVV=(BLCG-SLCG)/(NMA-0.001)
C173      KTCT=C
C174      CC 90  I=1,L,1
C175      KCZT=KCNT(I)
C176      KTCT=KTCT+KCZT
C177      CLCG=ALEG(KCZT+C.CCC1)-SLCG
C178      CCNT=KCNC(I)-CCNCL
C179      KCLT=KCZT-MKSD
C180      JKK=CICG/CLV
C181      JMM=ZMCLE(I)/DM
C182      JCC=CCNT/CC
C183      JJK=KCLT/CLV
C184      JVV=KCLT/CLVV
C185      JLV=CLCG/CLVV
C186      JCLC=CCNT/CCC
C187      JKKK=KCLT/CLV
C188      JCCC=CCNT/CCM
C189      IF (JKKK.GE.NCIP)  JKKK=NCIP-1
C190      VMAR(JVV+1)=VMAR(JVV+1)+KCNT(I)
C191      VLMAR(JLV+1)=VLMAR(JLV+1)+KCNT(I)
C192      CMAR(JCLC+1)=CMAR(JCLC+1)+KCNT(I)
C193      CDIST(JKK+1,JCC+1)=CDIST(JKK+1,JCC+1)+KONT(I)
C194      CSCT(JKKK+1,JCCC+1)=CSET(JKKK+1,JCCC+1)+KOZT
C195      CLDST(JJK+1,JCC+1)=CLDST(JJK+1,JCC+1)+KONT(I)
C196      MDST(JKK+1,JMM+1)=MDST(JKK+1,JMM+1)+KONT(I)
C197      TVCL=KTCT
C198      CC 25  I=1,NMA
C199      VMAR(I)=VMAR(I)/TVCL
C200      VLMAR(I)=VLMAR(I)/TVCL
C201      CMAR(I)=CMAR(I)/TVCL
C202      KCB=NCIP
C203      IF (NDIM.GT.NCIP)  KCB=NDIM
C204      CC 95  I=1,KCB
C205      CC 95  J=1,KCB
C206      CSCT(I,J)=CSCT(I,J)/TVCL
C207      CDIST(I,J)=CDIST(I,J)/TVCL
C208      CLDST(I,J)=CLDST(I,J)/TVCL
C209      DIST(I,J)=MDST(I,J)/TVCL
C210      ADS=S1/STCT
C211      SMV=S2/STCT
C212      TMV=S3/STCT
C213      CVC=SIC1/STCT
C214      SMC=C2/STCT
C215      TMC=C3/STCT
C216      ACCN=C1/STCT
C217      SMVAC=S2C1/STCT
C218      SMCAN=SIC2/STCT
C219      LMAX=MKCNT*SCEK
C220      LPM=LNC*SCEK

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C221      DMIN=(NKSD  )#SCEK
C222      WRITE(6,ICC) LMC,SCEK
C223      WRITE(6,EE) DCM,DVM,DC,DM,DV,DVV,DCC,BLOG,SLOG,DLV,DLVV
C224      WRITE(6,87) MKCNT,DMAX,DMIN,DRM,CONCM,CONCL
C225      WRITE(6,87) L,ADS,SMV,TMV,CVC,SMVAC
C226      WRITE(6,87) NKSD,ACLN,SMC,TMC,SMCAV,STOT
C227      READ (5,7)  (CTP(I),I=1,20)
C228      WRITE (6,CTP) ((CLDST(I,J),J=1,NDIM),I=1,NDIM)
C229      WRITE (6,CTP) ((CDIST(I,J),J=1,NDIM),I=1,NDIM)
C230      WRITE (6,CTP) ((DIST(I,J),J=1,NDIM),I=1,NDIM)
C231      READ(5,7) (CPTM(I),I=1,20)
C232      WRITE(6,CPTM) (VMAR(I),I=1,NMA),(VLMAR(I),I=1,NMA),(CMAR(I),
2 I=1,NMA)
C233      READ (5,7) (CPTA(I),I=1,20)
C234      WRITE(6,CPTA) ((CSET(I,J),J=1,NDIP),I=1,NDIP)
C235      IF (NSPDA.LT.1) GC TC 18
C236      WRITE(4,717) (KCNT(I),KCNC(I),I=1,L)
C237      18 IF (NSTCA.LT.1) GC TC 19
C238      READ (5,7)  (CPTB(I),I=1,20)
C239      WRITE(6,87) L,DMAX,DMIN,ADS, SMV,CVC
C240      WRITE(6,87) L,CCNCL,CCNCM,SCEK,TVOL,STCT
C241      WRITE(6,52) (LMCL(I),I=1,40)
C242      WRITE(6,CPTB) (KCNT(I),KCNC(I),I=1,L)
C243      19 CONTINUE
C244      END
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SUBPROGRAMS CALLED

SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION
IBCCM#	248	POSTAP	240	CORCT	250	WRITE	254	ALOG	258

SCALAR MAP

SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION
FSF	28C	MCC	29C	NSSB	294	NLEV	298	NOS	29C
NDIM	2AC	NCC	2A4	NCRG	2A8	NMA	2AC	BB	2B0
FRT	2B4	FAC	2EE	FREQ	2BC	SDR	2C0	NSPDA	2C4
KSTLA	2C8	NDIP	2CC	DPC	2D0	DRM	2D4	NSSBS	2D8
LT	2DC	KCLNT	2EC	JK	2E4	MOLES	2E8	MKONT	2EC
NCG	2FC	CCNCM	2F4	CCNCL	2F8	ZMMOL	2FC	T	300
EASE	304	NCR	30E	L	30C	NKSD	310	SOEK	314
INER	318	IBASE	31C	KLEV	320	FCON	324	ITMZ	328
ISREC	32C	IPRT	33C	KLEV1	334	STOT	338	S1	33C
CI	34C	S2	344	SIC1	348	C2	34C	S3	350
S2C1	354	SIC2	35E	C3	35C	SOAD	360	SOAD2	364
SCAD3	368	CCNCZ	36C	COAD	370	COAD2	374	TI	378
SUM	37C	IE	38C	LMC	384	KGB	388	J	38C
CCM	39C	DVM	394	DC	398	DM	39C	DV	3A0
DVV	3A4	DCC	3A8	BLDG	3AC	SLOG	3B0	DLV	3B4
DLVV	3B8	KTCT	3BC	KCZT	3C0	CLOG	3C4	CONT	3C8
KCLT	3CC	JKK	3CC	JMM	3D4	JCC	3D8	JNN	3DC
JVV	3EC	JLV	3E4	JCLC	3E8	JKKK	3EC	JCCC	3F0
TVCL	3F4	AES	3FE	SMV	3FC	TMV	400	CVC	404
SMC	408	TMC	40C	ACON	410	SMVAC	414	SMCAV	418
EMAX	41C	DMIN	42C	LEN	424	NBR	426		

ARRAY MAP

SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION
A	428	KCNT	758C	ZMOLE	D77C	DIST	1353C	MDST	1453C
LMCL	1553C	CTP	155CC	KCNC	1562C	CDIST	1F26C	FCOUC	2026C
CLCST	20274	VMAR	21274	VMAR	212EC	CMAR	21364	OPTM	213DC
CSCT	2142C	CPTA	2242C	CPTB	2247C				

FORMAT STATEMENT MAP

SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION
572	224CC	571	224C7	52	224E0	17	224F5	717	22500
83	22506	7	225CC	82	22512	87	22519	5	22524
88	2252F	100	22536						

TOTAL MEMORY REQUIREMENTS 2242C2 BYTES
EXECUTION TERMINATED

\$RUN #STATUS
EXECUTION BEGINS

STATUS OF OCRL AT LAST SIGNOFF		USED	MAXIMUM	REMAINING
CUMULATIVE CHARGE	(4)	184.57	300.00	115.43
CURRENT DISK SPACE	(PAGES)	0	20	20
CUMULATIVE DISK STORAGE	(PG-DA)	1.17		
CUMULATIVE MEMORY--CPU	(PG-FF)	18.16		
CUMULATIVE MEMORY--WAIT	(PG-HR)	53.61		
CUMULATIVE CPU TIME	(FR)	0.42		
CUMULATIVE LINES PRINTED		10806		
CUMULATIVE PAGES PRINTED		284		
CUMULATIVE CARDS PUNCHED		2179		
CUMULATIVE CARDS READ		4225		
BATCH SESSIONS		15		
EXPIRATION DATE AND TIME:	05-05-70	24:00.00		

EXECUTION TERMINATED

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\$RCLN *MCUNT;PAR=G692 CN 7TP,PNAME=*LT*,MCDE=2CF,SIZE=30100,'EDATA',RING OUT
EXECUTION BEGINS
G692 CN 7TP,PNAME=*DT*,MCDE=2CF,SIZE=30100,'EDATA',RING OUT

DT: MOUNTED CN TCCC
EXECUTION TERMINATED

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\$RCA -[EJ]*SOURCE* *SINK*; 2=*CT* 5=*SOURCE* 6=*SINK* 4=*PUNCH* 7=STORG

ENTRY = 503000 SIZE = 027ACC

NAME	VALUE	T	RF	NAME	VALUE	T	RF	NAME	VALUE	T	RF
GETSPACE	20021A	*		FREESFAC	2005CE	*		ERRGR#	21488E	*	
MIS#	214EAA	*		CANREPLY	2171FA	*		GDINFO	21724E	*	
SETICERR	21747C	*		PCINT	2177EC	*		SCARDS#	217084	*	
SPRINT#	21709E	*		SPRINT	21709E	*		SPUNCH#	2170A8	*	
SERCLM#	2170E7	*		REACH#	217E38	*		READ	217E38	*	
WRITE#	217E54	*		WRITE	217E54	*		LCSYMBOL	218A00	*	
CCRCT	500008		500008	PCSTAP	50024C		500008	REWIND#	500310		*500310
IFCSLCG	5004AC	*	5004AC	ALCG	5004FC	*		MAIN	503000		503000
FICCS#	52720E	*	52720E	IBCCM#	52E000	*	528000	ADCCN#	52A000	*	52A000
FCVZO	52A154	*		FCVAG	52A1FA	*		FCVLO	52A282	*	
FCVIC	52A5AE	*		FCVEC	52AA9A	*		FCVCO	52ACAC	*	

EXECUTION BEGINS

01CC	0000	0000	036E	C35C	C374	C378	C363	C364	0376	0369	033F	031F	030A	02E5	02F0	0327	0330	0316	0311	032A	0360	038A	0387	0383
C38C	0377	037E	0383	C372	0367	C36A	C373	C38A	038A	0377	0366	036E	038F	038F	038F	0384	037A	038C	038E	037C	0367	0362	0372	0377
9	673	3000E	8E0	1	0	0.6180E	03	0.2490E	03															
02CC	0000	0000	0386	C380	C37F	C38A	C37E	C34E	033B	0323	02F3	02F6	0317	031C	032F	0377	037E	0354	0357	035B	034E	0364	0376	034F
C383	C35L	033F	035E	C374	C374	C368	C35E	C34E	0367	0377	0379	037A	037C	038B	0382	0368	0368	0366	0369	037C	0379	0367	0367	0379
25	984	3000E	8E6	2	0	0.6250E	03	0.2490E	03															
03CC	0000	0000	0389	C376	C351	C333	0343	C34B	0341	0338	0337	033F	0344	0333	0307	02EF	02FB	031B	031B	0304	030F	0333	034F	0350
0326	0312	0337	036C	C368	C362	034F	C322	C34C	0367	0374	0375	036E	037B	038F	0384	0366	033B	0322	0340	0362	0362	0357	031E	0209
33	984	3000E	872	3	1	0.6250E	03	0.2270E	03															
04CC	0000	0000	038C	036F	C36A	C37B	C382	C374	0356	0352	0366	037B	0387	0380	037B	037F	0382	0380	0360	034A	033F	033F	0343	0337
01CF	01B3	01A6	01FA	C1C4	C1E7	C1A4	C1A4	C1AF	01B3	01C7	01D9	01B8	01B7	01DE	01CA	01B0	01B6	01B6	01B7	01BE	01B6	01A7	019A	01AC
36	984	3000E	8E4	4	129	0.6250E	03	0.2270E	03															
05CC	0000	0000	01CC	C1B7	C1AD	C1BF	01CD	C1C6	01BF	01B3	01C3	01D7	01DD	01DA	01DE	01E6	01DE	01D3	01C3	01C3	01CE	01D1	01C6	
0361	C376	037E	0378	C377	0365	025E	036C	C35A	033E	0337	0344	035C	0379	0377	0364	036A	0374	0377	0371	0369	035B	0362	0382	0380
55	984	3000E	874	5	0	0.6490E	03	0.2270E	03															
06CC	0000	0000	0372	C374	0377	0370	036F	C36F	026E	0383	03A2	0393	0389	039C	03A0	03A3	039B	0367	033B	034F	036B	036C	0367	0369
02E3	C2E0	0263	024F	C25B	C27A	C273	026C	C26F	026C	0273	027C	0267	0257	024D	0260	026A	025A	0255	0257	025F	0274	027E	0274	026C
76	1052	3000E	872	6	149	0.6490E	03	0.2270E	03															
07CC	0000	0000	027E	C2F3	032B	C33C	C33F	C364	037E	0379	0373	033F	02C3	0211	016C	0120	0166	0207	02A7	02F7	0323	0337	034C	036A
030C	C32E	035C	0342	C337	C33F	C338	C353	C36B	035F	0354	0347	033F	034E	034C	033F	033B	0357	037F	037C	036D	035C	035A	0369	0354
95	1052	3000E	8E8	7	0	0.6490E	03	0.2270E	03															
08CC	0000	0000	034E	C353	0370	0384	038C	C37C	0383	038B	0385	0370	0363	0363	0376	0375	0357	0331	0301	02FC	0318	0331	0344	0359
00F2	00F4	00F5	00FF	C102	00FC	C0E3	00E3	00F3	00F6	00F1	00EA	00D8	00E7	0104	0107	0103	010C	00FF	0103	0110	00FC	00EC	00EF	00ED
102	1426	3000E	8E8	8	31	0.6490E	03	0.2270E	03															
09CC	0000	0000	00F9	00F7	C103	C106	0109	C104	00EF	00EF	00F4	00F4	00EA	00E3	00D7	00D2	00FA	0106	00E7	00ED	00F3	00EE	00FB	00F5
036E	C35C	C36C	0375	C37B	0373	C36B	C36C	C37B	038F	0380	0349	02E1	0292	02CF	0327	033C	034F	0369	0381	0380	033E	02EB	02DA	0302
121	1426	3000E	87C	9	3	0.6490E	03	0.2270E	03															
00C1	0000	0000	037A	C342	C303	C305	C32E	C347	C353	035B	0378	0394	0399	0390	039C	0397	038C	0382	0377	0372	037E	037E	0383	037A
0382	0377	0378	0373	C352	C341	034B	034C	C35F	0367	0367	034E	033F	034C	036C	0383	0383	0385	038B	038F	038F	0380	036B	0366	0371
156	1426	3000E	871	10	0	0.6490E	03	0.2270E	03															
01C1	0000	0000	03E5	C36B	C354	C364	C372	C374	0366	035B	036C	0373	0373	036F	0360	0363	037E	038C	0387	036A	032F	030B	0332	034B
0351	C354	0352	036E	C364	038E	C37E	C384	C394	039A	0393	0381	036A	036F	0380	0377	0344	02F4	02A3	02AF	02EB	032B	0347	035E	0376
189	1426	3000E	877	11	0	0.6490E	03	0.1240E	03															
02C1	0000	0000	036E	C367	C34A	035E	C37C	C38C	037E	0373	035F	0337	034B	035D	0354	035C	036A	0377	0377	036F	0362	035F	0366	0383
0337	C32B	033C	0357	C360	C34F	C33B	C34E	C34E	036B	037C	0373	0378	0370	0370	0377	0376	0352	031F	02F8	031B	033D	0347	0344	035D

202	1426	30006	88C	12	0	0.6490E 03	0.1240E 03		
0301 CCCC 0000 0399 0367 032A C2FF C309 C349 034E 0351 035D 0382 038F 038A 038C 0387 038F 0395 0384 0372 0379 0380 0365 0366	0107 C10C C10E 01CF C1C4 01C7 C18C C1AF C1E6 01C6 01C5 01C7 0180 01AE 018B 01D4 01CB 01C6 01C7 01CB 01D2 01D4 0183 01A8 0183	224	1426	30006	879	13	219	0.6490E 03	0.1240E 03
0401 CCCC 0000 032E 0339 0351 0364 036C 0351 0344 0343 0352 035E 0368 0368 035F 0343 0348 035E 036E 0367 0367 0363 036D 0370	0000 CCE6 CCF7 0004 0000 00FA 00EF 00EF 00E7 00F2 00FB 00F2 00DE 00C9 00D3 00D9 00DA 00D9 00C9 00CC 00E1 00F4 00EB 00DF 00E0	254	1426	30006	876	14	170	0.6490E 03	0.1240E 03
0501 CCCC 0000 036A 035F 0357 034E 035C 03EE 0267 035F 0360 036C 0376 0374 035F 0353 0364 0370 036E 0367 035B 0353 0367 0379	0374 033F 02FE 030C 032F 0347 0352 034E 0343 0348 035D 037C 037C 0376 0382 037F 037B 0382 0372 0367 0373 0376 0367 0357 0352	278	1426	30006	874	15	0	0.6490E 03	0.1240E 03
0601 CCCC 0000 0322 02EC 02B7 0298 028C 029E 02B1 02E6 0307 031B 033A 0362 036E 036A 035B 0337 0337 0347 0355 035C 0366 036B	026C 0274 027C 027C 0271 0271 0278 0267 0255 0255 0267 0266 0260 0254 0247 024F 0267 026C 0264 0266 0265 0271 0272 025F 024F	313	1426	30006	866	16	227	0.6590E 03	0.1240E 03
0701 CCCC 0000 0374 03EE 0384 0379 037C 037C 0366 0357 033A 0326 0313 030E 031B 0319 0313 031C 0349 035F 0367 0376 0386 038C	0253 0253 0251 0245 0237 0239 0257 026C 0255 0252 0257 0261 0264 024F 0237 023C 0249 0251 0256 0242 023B 0242 025A 0254 024D	352	1426	30006	865	17	186	0.6590E 03	0.1240E 03
0801 CCCC 0000 0119 0127 0129 0119 010B 0107 011F 0134 0126 012C 0135 0133 0139 012F 0114 010D 011E 012B 0127 0122 0109 0109	0377 037C 033C 030E 0314 033C 0347 0343 0347 034A 0347 0351 036F 036F 036A 035B 032A 0333 0320 02DC 0281 027C 02A9 02F7 030F	398	1426	30006	865	18	0	0.6590E 03	0.1240E 03
0901 CCCC 0000 0381 038A 038C 037E 036E 036A 036E 035B 0344 0343 034E 0352 0363 036F 0370 037C 0381 0392 038C 037F 0367 0371	000E 000E 00DF 00FE 00F3 00EC 00F4 00F3 0100 00F7 00E1 00E7 00F7 00F7 00F3 00DF 00D3 00D5 00FD 00FE 00F7 00EF 00F6 00F7 00FD	438	1426	30006	865	19	194	0.6590E 03	0.1240E 03
0002 CCCC 0000 0001 000B 00FD 0107 00FF 00F5 00FF 00FC 010B 00F5 00E7 00DD 00F2 00F0 00F3 00DC 00CF 00DC 00F4 00FD 00EF 00F4	034F 0355 036C 0374 0377 036B 034E 0349 0369 0380 0376 0376 0379 0380 0384 0376 0360 036A 0370 0371 0373 0360 0357 0366 0380	485	1426	30006	87C	20	0	0.6610E 03	0.1240E 03
0102 CCCC 0000 00E7 00EF 00FA 00F5 00F7 00E3 00DB 00E9 010E 010C 00FF 0107 0103 0109 0103 00F1 00DF 00E4 00F5 00F6 00EE 00D7	02F4 0227 0342 0359 0356 0349 033E 033F 0356 0257 0357 0347 0341 0341 0324 02FC 030F 0334 033C 032F 0313 030F 0323 033F 034F	538	1426	30006	866	21	0	0.6610E 03	0.1240E 03
0202 CCCC 0000 0157 0154 0163 016B 016A 015E 014E 014F 015B 0161 0157 014F 0146 015E 0172 0172 015F 0166 0163 016F 0172 014F	036B 0357 02FF 025C 01A3 01A3 013F 015E 01E7 01A7 01BF 01BD 01C6 01E3 01FF 020C 021B 0218 021F 023F 0253 0248 023E 0247 0249	618	1426	30006	864	22	23	0.6660E 03	0.1240E 03
0302 CCCC 0000 02E7 02FC 02FF 02FE 032C 0354 0356 0361 0366 036C 0373 035F 033F 0323 032F 0347 034C 033F 033B 0351 036C 036F	0113 00F8 00F4 0103 00FF 0104 00F7 00F1 00F4 0119 011C 010F 0105 010E 0116 0112 010D 00FA 00FA 0103 0109 00FA 00F5 00E3 0101	697	1426	30006	865	23	119	0.6660E 03	0.1240E 03
0402 CCCC 0000 035E 034E 0343 034F 0356 0357 035B 034F 0352 0367 036F 0351 034F 0354 0361 0367 035B 0344 0343 034F 0355 035A	0177 0266 02E4 0326 035C 0358 034E 0356 0366 0370 0367 0366 0357 0362 0382 0387 0381 0380 0380 0380 038A 036F 034E 035A 036E	775	1426	30006	873	24	0	0.6720E 03	0.1240E 03
0502 CCCC 0000 0009 000E 00E2 00E7 00F7 00F7 00E0 00DE 00E3 00E7 00EA 00D2 00CF 00D7 00F1 00FF 00DF 00E2 00D6 00CA 00BD 0097	010E 0107 012E 013C 013F 013B 0133 012B 0129 0127 0113 011A 0127 0130 0129 011F 0111 010F 0131 0148 013C 012F 012B 012C 012A	786	1426	30006	893	25	272	0.6720E 03	0.1240E 03
0602 CCCC 0000 0117 011C 012C 0159 0152 0146 013E 013A 0144 013F 0130 0123 012F 0137 0134 0123 0117 0111 0127 0143 013E 012A	037A 0384 0383 03EE 0378 0374 03E7 0387 037E 0276 037A 037B 0387 0383 0376 036F 0372 036F 0363 0357 034E 0360 0380 0393 038B	798	1426	30006	895	26	0	0.6720E 03	0.1240E 03
0702 CCCC 0000 0375 037E 0377 037F 036C 0269 0380 0399 0399 038F 0394 0397 039E 039A 0384 037A 0383 038F 038C 0380 0373 036D	038A 038F 0387 038C 0367 038F 0394 038E 037E 036E 037F 0391 0392 038C 0386 038E 038F 0394 0387 037B 0383 0392 038C 037A 0367	805	1426	30006	893	27	0	0.6720E 03	0.1240E 03
0802 CCCC 0000 038C 038E 0382 036F 036F 037C 037F 037C 0367 0357 0360 0387 038F 038C 0387 0386 038D 038B 037F 036C 0372 037A	012E 0121 010D 00F9 00F7 00F7 000E 0009 000B 00A0 0067 0056 00B1 016F 024C 02EC 033F 0359 0373 0380 038B 0387 0370 0363 0367	821	1426	30006	88E	28	0	0.6720E 03	0.1240E 03
0902 CCCC 0000 0382 0375 0377 037A 038E 0383 0370 035C 0361 036A 0372 0369 0360 035B 0363 0383 0381 037C 0373 037B 037C 0380	0006 0000 00D3 00F6 0101 00F2 000E 00EF 0101 0100 00FB 00DF 00EA 00F0 00EF 00EE 00DF 00D2 00E2 0101 0103 00FB 00F1 00FA 0100	850	1426	30006	881	29	423	0.6720E 03	0.1240E 03
0003 CCCC 0000 035F 034C 034F 034A 0304 030P 0239 0350 036C 0374 0372 0364 0365 0370 0378 0372 036A 035E 0365 0380 0387 0386	0363 036F 0376 036F 0364 0359 035B 0376 038E 037F 037F 037A 0378 0380 0378 035F 0365 036B 0368 0368 0359 0356 035E 0380 0387	864	1426	30006	88C	30	0	0.6720E 03	0.1240E 03
0103 CCCC 0000 037C 0379 0380 037C 036F 035E 035C 0372 0381 037D 0377 0377 037E 0381 0379 0361 0364 0377 0377 037A 036E 0359	023F 0245 024C 0237 0227 0237 0231 0228 0215 0212 0223 0242 0240 0239 0231 023F 0237 0235 022C 0215 0225 022C 022F 0222	882	1426	30006	87E	31	156	0.6720E 03	0.1240E 03
0203 CCCC 0000 023A 0244 0247 022F 021F 0227 0237 023C 0237 0220 0221 0226 0247 023F 0237 023F 0243 0252 024B 0234 0220 0225	023E 0207 0317 032E 034F 036A 036E 0371 035F 035F 0367 0370 036F 0362 034F 0347 0367 037C 0326 0224 012B 00D1 00C3 00B2 0094								

20 0.6236C4E CC C.459420E CC C.373149E 00 0.215985E 00 0.398923E 03

0.0000741	0.0000909	C.0174209	C.0710E13	C.0230C89	0.0197518	0.0164946	0.0143456	0.0415279	0.0848140
0.0	0.0	C.0570221	C.0468801	C.0207959	0.0152584	0.0145679	0.0153561	0.0236489	0.0659312
0.0	0.0	C.0474797	C.0160601	C.0087104	0.0117655	0.0113579	0.0097849	0.0099702	0.0550045
0.0	0.0	C.0134429	C.0147801	C.0030988	0.0016437	0.0065783	0.0087172	0.0133082	0.0309581
0.0	0.0	C.0273608	C.0043923	C.0110952	0.0126514	0.0066288	0.0084949	0.0127996	0.0265456
0.0	0.0	C.0025363	C.0	C.0025565	C.0079189	0.0055139	0.0	0.0	0.0050996
0.0	0.0	C.00658E4	C.0	C.0029170	0.0030382	0.0096334	0.0029338	0.0	0.0032605
0.0	0.0	C.0	C.0	C.0	0.0	0.0071981	0.0038432	0.0	0.0035435
0.0	0.0	C.0	C.0	C.0	0.0	0.0	0.0038601	0.0040554	0.0
0.0	0.0	C.0	C.0	C.0	0.0	0.0	0.0	0.0	0.0048032
0.0000741	0.0000909	C.0005591	C.000848E	C.0021086	0.0015494	0.0016437	0.0015730	0.0024050	0.0010610
0.0	0.0	C.0001213	C.0023679	C.0031089	0.0023039	0.0012597	0.0020345	0.0045270	0.0054095
0.0	0.0	C.0004042	C.0095997	C.0028E98	0.0017987	0.0037355	0.0027721	0.0057160	0.0098691
0.0	0.0	C.00335E2	C.0202806	C.0071947	0.0050390	0.0039679	0.0023477	0.0112097	0.0237701
0.0	0.0	C.0213416	C.0435253	C.0077269	0.0101858	0.0058878	0.0061606	0.0182360	0.0518315
0.0	0.0	C.0290348	C.0348687	C.0162319	0.0113242	0.0136282	0.0129107	0.0174781	0.0447850
0.0	0.0	C.0512858	C.0225306	C.0089967	0.0075214	0.0079627	0.0088586	0.0126884	0.0477929
0.0	0.0	C.0433131	C.0147801	C.0093942	0.0127389	0.0129511	0.0154976	0.0181653	0.0561295
0.0	0.0	C.0158445	C.0043923	C.0145511	0.0195665	0.0131970	0.0074776	0.0108291	0.0277043
0.0	0.0	C.00658E4	C.0	C.0	0.0	0.0137393	0.0077033	0.0040554	0.0116072
0.0119137	0.0	0.0	C.0	C.0	0.0	0.0	0.0	0.0	0.0
0.0211328	0.0	C.0	C.0	C.0	0.0	0.0	0.0	0.0	0.0
0.0367651	0.0	0.0	C.0	C.0	0.0	0.0	0.0	0.0	0.0
0.0171679	0.0	C.0	C.0	C.0	0.0	0.0	0.0	0.0	0.0
0.1356552	0.0292403	C.0	C.0	C.0	0.0	0.0	0.0	0.0	0.0
0.0993448	0.0809168	C.0	C.0	C.0	0.0	0.0	0.0	0.0	0.0
0.0772386	0.0431514	C.0472472	C.0	C.0	0.0	0.0	0.0	0.0	0.0
0.0207185	0.0549169	C.0436432	C.0559004	C.0077909	0.0	0.0	0.0	0.0	0.0
0.0	0.0202368	C.0202435	0.0305977	C.0326557	0.0098287	0.0	0.0	0.0	0.0
0.0	0.0033144	C.0032740	C.0	C.0099466	0.0037927	0.0109638	0.0035435	0.0040554	0.0048032
0.1050912	0.183518E	C.1655321	0.093928E	C.0E70543	0.0830389	0.0541253	0.0384021	0.0618489	0.0481196
0.0153932	0.0082321	C.0119811	C.0163902	0.0065488	0.0076360	0.0079155	0.0	0.0	0.0048032
0.0043721	0.0075416	C.0103912	C.0107415	C.0170908	0.0196743	0.0322482	0.0449197	0.0731866	0.0917089
0.1052629	0.0749987	C.0778551	C.0897822	C.0956903	0.0872796	0.0804554	0.0331071	0.0348350	0.0088586
0.0000741	0.0	0.0	C.0000909	C.0064570	0.1653939	0.1041716	0.0490223	0.0353841	0.0367988
0.0394227	0.0326052	C.0470148	C.0309581	C.0304731	0.0368628	0.0401873	0.0651228	0.2353806	0.0445796
0.0000741	0.0000909	0.0059922	0.0433670	C.0172255	0.0130286	0.0140997	0.0095222	0.0266500	0.0526669
0.0	0.0	C.0382640	C.0574734	C.0196002	0.0159422	0.0128063	0.0157839	0.0296984	0.0726813
0.0	0.0	C.0386075	C.0213820	C.0090574	0.0070903	0.0062347	0.0054432	0.0098624	0.0317126
0.0	0.0	C.0317193	C.0117992	0.0051636	0.0092460	0.0063594	0.0072520	0.0074541	0.0427842
0.0	0.0	C.01889E2	C.0128535	C.0045674	0.0031123	0.0076191	0.0083096	0.0093875	0.0238139
0.0	0.0	C.0180642	C.0040420	C.0020176	0.0082321	0.0039173	0.0058440	0.0136181	0.0190747
0.0	0.0	C.0111828	C.0022770	C.0090776	0.0044192	0.0045910	0.0045438	0.0045843	0.0205197
0.0	0.0	C.0025363	C.0	C.0025565	0.0079189	0.0055139	0.0	0.0	0.0050996
0.0	0.0	0.0	C.0	C.0029170	0.0030382	0.0062684	0.0029338	0.0	0.0
0.0	0.0	C.00658E4	C.0	C.0	0.0	0.0105630	0.0077033	0.0040554	0.0116072

1693 0.191654E C1 C.268E00E-C1 0.462400E 00 0.337371E C0 0.292439E 00
1693 0.124000E C3 0.677000E C3 0.134400E-02 0.296885E C6 0.398923E 03

669	671	673	674	676	680	680	688	689	693
697	701	703	705	711	742	753	759	769	772
775	807	817	820	866	871	902	918	943	968
972	984	999	1011	1052	1126	1141	1146	1204	1426
673	618	470	612	202	267	526	252	366	249
104	290	134	596	76	383	32	479	984	256
389	575	20	289	769	439	456	601	399	625
185	554	585	615	119	356	201	266	285	264
288	610	33	546	34	569	104	556	30	598
27	227	57	285	124	612	160	615	134	281
220	616	65	436	444	294	27	574	705	270
501	280	220	438	507	637	667	635	556	643
196	649	144	626	558	499	583	643	460	631
194	464	159	613	149	628	26	634	101	623
258	282	136	597	135	328	187	617	101	604
22	384	1052	635	152	304	346	275	123	635
155	282	138	638	68	309	103	607	172	283
228	283	177	293	88	297	89	619	123	289

430	276	176	614	54	567	128	320	252	588	103	355	81	365	100	640	142	599	94	415
59	310	195	524	246	645	116	670	69	503	221	645	72	648	188	330	130	296	108	599
246	281	40	390	161	638	24	572	439	645	178	291	173	552	154	584	137	284	214	461
204	349	437	275	214	301	86	634	38	582	185	618	263	644	75	628	543	642	107	643
226	647	306	510	334	438	54	657	56	533	193	654	163	655	22	578	135	294	116	298
101	565	123	565	43	641	106	255	304	272	104	310	36	315	114	312	125	422	79	357
75	638	167	275	217	593	161	654	38	450	22	332	258	314	226	300	193	352	46	637
117	632	101	656	159	555	122	306	58	467	264	292	56	663	166	304	32	476	21	566
165	296	40	523	119	628	44	355	137	290	83	637	33	535	233	288	58	425	39	448
131	653	65	632	74	422	27	585	193	639	50	363	54	657	47	458	666	472	45	565
437	284	80	448	154	301	46	614	523	328	33	607	95	303	36	428	219	648	79	375
172	527	131	300	231	285	236	651	102	315	126	620	161	642	64	333	188	325	25	474
185	611	25	387	146	328	87	305	255	325	252	597	116	306	82	494	26	464	75	287
32	612	106	636	39	550	134	649	82	642	47	545	59	643	103	364	37	343	42	620
186	329	40	562	161	291	45	638	70	303	114	322	45	439	23	634	82	328	58	616
116	290	50	315	27	557	59	505	56	638	27	345	94	302	43	615	193	280	156	313
216	403	30	415	22	658	21	413	155	526	55	637	117	319	121	301	66	335	119	299
105	649	52	301	311	531	52	661	104	557	100	364	26	367	115	631	63	310	33	610
69	321	65	452	94	656	29	623	30	595	31	536	143	548	28	636	87	504	185	301
80	657	42	555	37	652	134	653	60	465	55	322	25	556	67	598	48	372	25	634
158	336	214	558	73	465	35	553	87	615	83	615	33	617	112	636	283	376	138	315
61	652	125	285	25	375	172	554	151	525	57	437	33	585	129	293	122	622	41	424
109	297	27	362	33	636	149	660	29	410	51	317	68	502	43	501	83	640	114	655
38	477	157	420	111	475	42	455	100	343	21	368	56	303	80	635	25	618	132	310
134	339	36	629	56	566	84	255	55	507	125	641	31	367	157	291	147	307	147	555
41	558	152	293	125	652	49	553	137	642	81	406	138	306	27	437	166	286	84	384
128	474	68	319	83	321	61	309	68	302	50	634	90	639	36	356	32	649	67	347
53	551	91	461	24	372	214	608	71	478	24	631	20	492	50	494	688	575	53	461
65	643	89	566	154	315	30	378	186	637	173	332	160	412	80	307	127	292	135	562
58	341	467	387	132	554	22	384	190	357	115	454	50	540	44	358	24	411	159	320
74	639	29	414	29	393	117	454	207	637	127	335	78	644	37	618	102	355	137	652
81	644	67	300	60	462	35	323	543	468	32	406	147	330	29	455	20	491	21	370
178	476	49	658	28	532	68	677	38	425	52	329	22	509	70	293	78	296	32	558
111	472	31	554	28	617	172	643	74	638	53	514	90	459	97	649	56	602	85	374
63	645	36	382	38	345	36	639	29	655	168	604	81	617	52	571	115	504	70	323
30	556	131	313	55	341	80	434	55	648	83	401	58	609	41	629	70	376	37	656
58	519	27	616	92	359	24	424	45	384	117	632	36	517	22	516	185	296	88	459
42	561	75	361	37	486	31	321	50	341	30	478	110	293	33	317	86	395	43	522
176	320	71	656	22	321	29	480	34	622	70	321	32	630	21	396	70	496	53	655
54	325	22	545	27	475	38	647	60	360	20	253	100	602	73	340	24	385	69	330
27	385	31	640	47	505	22	462	35	377	295	663	83	352	25	606	21	258	20	541
43	452	31	388	25	448	390	421	59	633	32	626	35	494	24	515	20	600	35	442
26	605	24	625	28	637														

STOP
EXECUTION TERMINATED

\$SICKLFF

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34.18

USER: OCRL
CHARGE NBR: 00RL

**** ON AT 13:34.00
 **** OFF AT 13:43.56
 **** ELAPSED TIME 596.14 SEC.
 **** CPU TIME USED 107.921 SEC.
 **** STORAGE USED 4643.19 PAGE-SEC.
 **** CARDS READ 281
 **** LINES PRINTED 770
 **** PAGES PRINTED 19
 **** CARDS PUNCHED 171
 **** DRUM READS 10
 **** APPROX. COST OF THIS RUN \$13.15

**** FILE STORAGE 1 PG-HR. .00

**LAST SIGNON WAS: 13:11.14 03-11-70

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34.19