



\$SIGNON OORL T=4.CM C=600 P=150

\*\*LAST SIGNON WAS: 18:35.48 05-05-70

USER "OORL" SIGNED ON AT 14:26.14 ON 05-08-70

\$RUN \*STATUS

EXECUTION BEGINS

STATUS OF OORL AT LAST SIGNOFF		USED	MAXIMUM	REMAINING
CUMULATIVE CHARGE	(\$)	696.58	900.00	203.42
CURRENT DISK SPACE	(PAGES)	28	25	-3
CUMULATIVE DISK STORAGE	(PG-DA)	937.66		
CUMULATIVE MEMORY--CPU	(PG-HR)	68.82		
CUMULATIVE MEMORY--WAIT	(PG-HR)	259.73		
CUMULATIVE CPU TIME	(HR)	1.52		
CUMULATIVE LINES PRINTED		46554		
CUMULATIVE PAGES PRINTED		1286		
CUMULATIVE CARDS PUNCHED		9539		
CUMULATIVE CARDS READ		20638		
BATCH SESSIONS		87		
EXPIRATION DATE AND TIME:	06-30-70 24:00.00			

EXECUTION TERMINATED

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\$RUN \*MOUNT;PAR=G596 CN 7TP,PNAME=\*DT\*,MODE=20F,SIZE=30100,'DDATA',RING OUT  
EXECUTION BEGINS

\*\*\*\*\*  
ALL MAGNETIC TAPE USERS SHOULD READ CCNEWS #C196  
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G596 CN 7TP,PNAME=\*DT\*,MODE=20F,SIZE=30100,'DDATA',RING OUT

\*DT\*: MOUNTED CN TCC1  
EXECUTION TERMINATED

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\$RUN PROG3+\*SCLRC\* \*SINK\*; 2=\*DT\* 5=\*SCLRC\* 6=\*SINK\* 4=\*PUNCH\* 7=STORG

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ENTRY = 503000 SIZE = 027AA8

NAME	VALUE	T	RF	NAME	VALUE	T	RF	NAME	VALUE	T	RF
GETSPACE	20D6CE	*		FREESPAC	20D9CE	*		ERROR#	215126	*	
MTS#	215142	*		CANREPLY	217862	*		GDINFO	2178B6	*	
SETIDERR	217AE4	*		POINT	217E2C	*		SCARDS#	218464	*	
SPRINT#	218476	*		SPRINT	21847E	*		SPUNCH#	218488	*	
SERCOM#	21845A	*		READ#	218518	*		READ	218518	*	
WRITE#	218534	*		WRITE	218534	*		LC SYMBOL	219100	*	
CCRCT	5000C8		5000D8	POSTAP	50024C		5000D8	REWIND#	500310		*500310
IHCSLOG	5004AC	*	5004AC	ALOG	5004BC	*		MAIN	503000		503000
FIOCS#	5272BC	*	5272BC	IBCOM#	52800C	*	528000	ADCON#	52A000	*	52A000
FCVZO	52A154	*		FCVAO	52A1FA	*		FCVLO	52A282	*	
FCVIO	52A5A8	*		FCVEU	52AA9A	*		FCVCO	52ACAC	*	

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EXECUTION BEGINS

0100	0000	0000	03EF	03C7	03C0	03F0	03FF	03F1	03FA	03FF	03F2	03FF	03FC	03D3	03D6	03E3	03EA	03EB	03E3	03CF	03CF	03F0	03FF	03F7	
	03E4	03CC	03B9	03D0	03E7	03ED	03EC	03E9	03E7	03FC	03FE	03D9	03CC	03CB	03CE	03E4	03E4	03C4	03C0	03CC	03E6	03EF	03EF	03E5	03E9
	0		0	300C6		997		1		0	0.0		0.1000E	05											
0200	0000	0000	03EA	03FF	03FF	03E9	03F6	03FF	03EF	03E1	03D7	03D6	03E7	03EC	03E7	03D9	03CF	03E6	03FB	03F8	03FB	03FA	03FE	03FF	
	03F5	03E4	03DF	03EB	03FF	03FF	03FF	03FE	03FE	03FF	03E7	03E0	03E9	03F3	03FF	03F1	03EB	03E6	03EA	03FF	03FF	03FF	03FF	03FF	
	2		208	300C6		99E		2		0	0.5670E	03	0.5220E	03											
0300	0000	0000	03EF	03FF	03FF	03F7	03F3	03FF	03FF	03EB	03E3	03E8	03E1	03ED	03F7	03DC	03C5	03D8	03FF	03FA	03F7	03FE	03EE	03F9	
	03FB	03FC	03FF	03FE	03FF	03E0	03CF	03DA	03E3	03EB	03E3	03C9	03CC	03EC	03FF	03FE	03F7	03FF	03FF	03FF	03FE	03E2	03D4	03E4	
	8		544	30006		100C		3		0	0.5670E	03	0.2140E	03											
0400	0000	0000	03FF	03FF	03EF	03D5	03D3	03E1	03E9	03EE	03E4	03CF	03DB	03F7	03FF	03FF	03FF	03FF	03FF	03DF	03CA	03CF	03D7		
	03FE	03E3	03DE	03E2	03E9	03F6	03EB	03CC	03C7	03E9	03FF	03FA	03FB	03FF	03FB	03FF	03FF	03E2	03E1	03EE	03F4	03FF	03FC	03E1	
	26		544	30006		1002		4		0	0.5670E	03	0.2040E	03											
0500	0000	0000	03FF	03FF	03FF	03F9	03F3	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03F4	03F2	03FF	03FF	03FF	03E6	03E4	03F0	
	03FF	03FB	03EB	03EB	03FF	03F6	03DC	03FF	03EC	0354	0262	01E1	01C6	01D7	01E1	01C9	01C7	01BC	01A9	01CC	01E7	01CF	01CC	01D3	
	30		544	30006		1005		5		15	0.5670E	03	0.1980E	03											
0600	0000	0000	03FE	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03E3	03E2	03F5	03F4	03F7	03F4	03DF	03D8	03FF	03FF	03FF	03FF	03FF	03FF	
	03FF	03FF	03FF	03FF	03FF	03FF	03EC	03B1	030E	028F	0257	021C	01DB	01BF	01D3	01CC	0183	01CE	02CC	0347	0399	038F	0384	03C0	
	51		773	30006		1005		6		0	0.5670E	03	0.1900E	03											
0700	0000	0000	03FF	03FF	03FC	03DB	03DC	03F7	03F7	03F3	03EF	03DD	03E4	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03F7	03E0	03E4	03F8	
	03FF	03FF	03FA	03FF	03FF	03FF	03FF	03FD	03F0	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FC	
	89		772	30006		1006		7		0	0.5670E	03	0.1860E	03											
0800	0000	0000	03FF	03FF	03FF	03FF	03FF	03FE	03FF	03FF	03FF	03FF	03FF	03FF	03F9	033C	0245	01D2	01D9	01F5	01EF	01DF	01D7		
	03F4	03F8	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FC	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	
	135		773	30006		1007		8		0	0.5670E	03	0.1860E	03											
0900	0000	0000	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FC	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	
	03FF	03FF	03FF	03FF	03F1	03FF	03FF	03FF	03FF	03FF	03FF	03F7	03F0	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03F7	03FF	03FF	03FF	
	149		773	30006		1009		9		0	0.5670E	03	0.1690E	03											
11	0001	0000	0000	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	03FF	
10	03F3	03F6	03F9	03E7	03D4	03DA	03E0	03E8	03DC	03D0	03BE	03CC	03E8	03F8	03E5	03E7	03DE	03E6	03EB	03D7	03C3	03D0	03D7	03DA	
9	160		773	30006		995		10		0	0.5770E	03	0.1690E	03											
8	0101	0000	0000	03C9	03CF	03DB	03E2	03D6	03C6	03BB	03D2	03F2	03F7	03EF	03F6	03F3	03F8	03F7	03DD	03CD	03D1	03DC	03E1	03DE	
7	03F0	03F7	03F1	03F3	03EF	03F2	03F0	03E0	03CC	03CA	03DB	03E0	03E3	03D6	03BE	03CB	03E7	03E7	03E5	03E6	03EB	03F1	03EB	03D0	
6	174		773	30006		992		11		0	0.5770E	03	0.1690E	03											
5	0201	0000	0000	03EF	03EE	03F1	03DB	03C8	03D2	03E7	03EE	03EC	03D9	03C9	03DB	03F6	03F2	03F0	03ED	03EC	03F1	03E7	03CF	038F	
4	03EB	03D9	03CB	03E9	03FF	03FB	03F4	03F4	03FC	03FF	03F0	03DD	03CE	03D4	03E0	03E6	03E0	03D5	03C7	03E2	03F7	03EE	03EC	03F2	
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0.0134135	0.0557232	0.0066008	0.0030178	C.C	0.0031389	0.0	0.0015442	0.0139989	0.0366879
0.0065402	0.0486985	0.0	0.0021296	C.C	0.0	0.0021397	0.0	0.0153514	0.0265142
0.0	0.0246571	C.C	0.0029875	C.C	0.0	0.0	0.0	0.0025535	0.0088011
0.0072165	0.0272813	0.0036436	0.0	C.C	0.0	0.0034215	0.0	0.0031793	0.0101838
0.0162295	0.0123235	0.0	0.0	C.C	0.0	0.0	0.0	0.0	0.0115262
0.0043198	0.0228303	0.0	0.0	C.C	0.0	0.0	0.0	0.0	0.0136154
0.0	0.0106178	0.0	0.0	C.C	0.0	0.0	0.0	0.0	0.0106481
0.0078019	0.0093965	0.0	0.0	C.C	0.0	0.0	0.0	0.0	0.0251718

43  
 71  
 58  
 160  
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 227

1063 0.329120E 01 0.544000E-01 0.532032E 00 0.574967E 00 0.256984E 00  
 1063 0.169000E 03 0.599000E 03 0.272000E-02 0.990790E 05 0.269478E 03

326	328	335	339	344	347	353	355	358	358
361	362	373	373	381	388	395	395	403	417
423	423	428	430	432	445	453	454	458	461
478	511	522	530	544	614	670	773	931	1210
27 522	208 567	225 217	61 559	395 214	184 559	152 232	544 561	445 216	104 551
221 545	57 526	175 212	139 548	44 262	70 489	117 538	229 553	59 533	83 536
41 505	75 204	173 206	63 529	57 504	85 205	64 223	423 198	199 206	126 199
32 506	21 485	773 202	395 199	428 190	181 206	103 197	103 551	44 532	112 551
82 541	85 215	69 218	157 534	74 211	86 202	63 513	149 536	77 525	130 213
87 523	90 526	362 195	53 215	213 532	32 479	232 543	39 427	185 204	35 501
208 186	100 223	85 531	71 505	61 193	145 533	32 496	87 543	55 532	20 472
67 512	61 529	37 507	241 201	142 193	95 205	76 511	95 533	34 193	54 197
47 337	94 540	373 190	253 553	212 429	76 526	125 189	353 200	36 518	114 520
417 190	84 537	101 195	58 207	146 529	64 526	50 502	82 521	44 221	84 196
71 525	92 525	22 482	64 524	115 198	46 228	87 539	23 489	79 189	27 490
77 543	89 197	34 214	33 531	54 206	30 481	47 517	68 518	29 490	74 191
100 540	52 206	67 517	48 517	23 482	37 493	56 527	44 212	90 533	75 197
139 193	43 302	152 205	169 535	154 232	22 236	26 488	30 473	29 483	38 364
81 190	82 519	86 218	29 169	29 499	21 220	104 521	205 543	33 314	224 248
115 236	93 558	172 567	36 527	81 541	29 242	97 577	88 247	21 288	62 253
258 255	195 563	152 245	118 238	75 557	20 457	458 576	432 227	66 546	25 482
129 561	93 238	39 527	42 538	89 568	28 249	75 531	28 262	107 544	48 252
23 526	45 525	30 500	204 575	26 508	27 255	92 261	37 544	931 250	373 576
218 584	29 249	381 567	273 563	87 449	90 553	103 221	67 212	103 567	522 222
50 527	231 224	126 227	39 256	166 223	128 230	99 535	169 216	105 551	84 235
108 224	85 242	94 254	83 559	106 549	63 549	82 249	56 552	79 218	108 551
39 530	136 563	46 251	62 551	91 555	108 229	113 565	102 223	73 253	78 548
35 538	78 232	64 239	63 559	40 531	22 226	158 223	68 239	81 548	68 547
26 520	22 476	76 207	42 237	66 566	38 236	49 314	34 526	97 210	81 561
28 248	53 235	70 229	31 515	282 238	88 223	66 229	74 555	62 235	35 523
22 204	137 224	114 231	125 232	98 546	59 230	163 577	139 226	66 218	61 562
71 231	78 240	47 258	54 237	64 555	70 251	84 219	110 245	23 490	106 238
47 217	90 247	86 249	77 232	102 244	43 252	45 542	64 228	34 258	42 544
60 238	54 549	37 539	88 547	61 245	42 542	71 230	50 551	37 549	51 266
73 232	40 237	22 473	33 209	57 559	70 244	21 485	75 242	46 551	41 547
113 254	137 580	29 530	21 267	73 569	34 241	65 249	33 263	26 247	20 309
26 532	66 232	142 566	27 527	172 416	137 250	403 232	430 582	80 580	153 584
82 239	198 566	339 446	74 562	77 557	245 576	269 244	33 518	30 541	88 555
115 558	228 231	92 582	38 522	55 242	93 566	39 474	27 511	211 341	159 565
26 513	44 535	128 250	56 572	57 512	131 560	164 284	44 560	49 565	75 246
131 573	48 599	160 243	64 280	66 566	68 562	57 570	153 241	72 553	116 251
22 221	172 566	82 244	38 253	55 231	53 247	64 224	38 462	45 563	388 584
92 578	27 523	84 241	29 509	205 580	50 266	461 580	108 248	250 226	291 580
54 578	83 570	51 465	83 572	66 574	73 564	328 581	68 237	94 242	103 581
56 562	56 547	33 527	20 483	27 525	39 246	27 247	63 517	105 558	54 562
82 551	42 236	236 566	27 221	94 420	59 252	41 226	54 546	105 226	128 240
61 552	35 236	84 250	23 491	141 565	104 231	142 247	33 261	59 542	75 554
213 231	33 219	87 560	478 223	85 582	84 237	133 565	22 534	114 232	54 557
64 250	72 552	45 560	39 545	28 227	31 235	38 245	296 310	21 224	44 536
49 247	200 242	89 564	34 312	91 224	39 554	67 241	44 524	29 501	77 554

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110	232	25	211	127	556	58	225	140	242	58	555	83	554	62	243	56	223	38	229
48	554	344	235	74	232	67	555	93	240	262	227	67	254	46	551	31	480	47	544
49	539	52	536	34	228	36	272	54	225	90	227	530	227	123	237	84	507	102	241
44	529	30	512	56	222	31	514	53	565	35	238	25	267	27	330	28	320	44	535
54	550	40	256	34	547	116	239	49	254	31	239	23	226	22	493	33	528	113	567
44	309	22	268	25	490	59	242	45	529	37	551	40	246	32	516	54	249	51	555
28	506	50	248	30	525	40	246	30	546	49	255	59	233	1210	594	148	584	131	235
270	219	190	236	62	245	140	285	149	577	165	292	42	565	243	231	114	232	139	404
141	228	140	236	153	504	118	230	109	571	160	568	74	574	86	543	103	241	62	257
65	548	62	226	315	226	41	557	37	256	105	553	63	252	166	566	195	228	55	555
65	494	201	230	78	567	104	261	84	559	26	505	219	556	91	240	120	570	116	538
136	568	44	255	67	563	35	254	94	255	33	243	88	554	98	554	38	538	40	539
26	246	160	223	23	508	71	223	34	545	55	577	71	553	135	221	33	523	100	223
33	504	88	568	28	236	32	550	51	561	27	511	58	227	27	462	71	233	87	231
57	560	41	255	71	235	26	250	22	255	347	225	47	526	34	555	157	229	148	231
139	543	358	216	315	535	160	516	24	251	67	226	80	548	82	543	202	556	326	565
222	565	111	230	95	563	111	555	100	228	46	554	355	564	25	505	120	242	61	249
191	226	62	552	42	246	97	553	45	558	97	233	60	237	29	231	124	238	97	226
20	206	23	500	24	228	21	488	20	491	129	538	61	558	26	290	147	229	36	513
20	245	106	550	45	295	108	532	21	497	28	212	47	548	149	559	108	556	181	240
36	255	30	532	52	530	35	509	42	535	112	234	65	564	82	530	320	227	33	578
57	565	31	263	245	216	49	544	76	214	149	231	98	493	98	221	113	554	74	227
36	234	35	211	119	223	144	565	274	214	78	562	28	529	79	554	27	488	24	259
25	236	162	220	28	517	80	555	31	513	59	241	52	545	86	539	31	546	52	241
42	527	44	530	52	554	46	229	64	245	113	223	52	233	58	222	86	222	74	228
76	230	25	252	53	226	28	536	62	215	25	510	22	252	29	497	21	490	29	530
118	565	70	356	423	222	58	235	90	231	77	224	95	551	56	537	65	549	50	282
51	554	59	226	57	222	20	470	30	501	73	230	31	235	54	215	33	502	53	520
101	557	62	242	32	355	120	231	59	549	20	493	33	528	43	353	30	507	42	226
40	232	42	222	65	215	52	500	56	227	29	502	30	219	43	532	37	254	64	552
34	515	72	231	34	226	107	567	71	567	85	206	22	496	39	518	101	228	46	549
35	396	63	227	76	238	76	227	38	252	27	220	27	502	51	234	61	234	35	517
21	212	46	365	46	565	28	230	45	543	100	231	24	487	20	348	25	267	90	569
23	475	39	253	24	273	60	545	27	515	21	486	34	237	65	242	22	222	30	236
53	231	37	224	24	235	76	550	20	468	36	522	49	246	118	587	21	468	59	222
56	545	27	264	87	227	53	568	38	510	45	534	116	220	28	264	54	238	27	514
24	503	35	537	36	241	66	565	70	226	33	231	22	389	21	250	44	284	61	554
26	503	25	240	20	465	22	291	28	247	38	349	25	255	24	487	20	505	335	217
99	220	87	217	35	537	21	481	614	582	154	581	185	271	103	406	110	580	511	582
200	583	183	516	113	220	213	243	44	256	45	283	58	261	179	587	670	596	90	557
33	541	361	282	154	588	207	236	37	301	62	230	35	556	202	232	89	270	121	570
195	236	26	510	22	463	22	514	34	240	95	242	147	243	68	550	48	266	30	574
126	241	24	205	79	552	57	539	94	243	255	230	45	391	43	236	59	541	143	240
358	222	111	235	34	222	29	294	246	575	89	572	95	558	30	310	308	568	227	247
294	231	30	306	38	256	29	385	84	229	146	562	161	317	57	538	222	237	224	230
44	575	25	258	279	228	125	566	107	576	56	231	36	510	64	233	31	573	33	318
32	230	169	247	45	280	87	548	454	222	107	585	60	562	27	516	33	519	44	225
87	216	141	245	120	283	40	527	34	526	208	231	20	290	24	490	61	227	75	535
191	240	178	237	170	230	35	208	125	235	26	475	41	535	138	300	30	212	240	253
44	460	105	243	28	505	41	217	20	490	117	562	182	238	47	233	37	530	55	546
326	223	150	582	98	231	453	237	71	230	48	566	124	585	23	230	34	486	118	277
74	558	30	253	112	560	71	266	25	278	219	222	48	231	67	555	103	556	23	500
38	208	101	566	36	231	188	236	29	241	36	521	22	485	76	565	167	574	157	568
144	238	71	240	39	505	108	236	29	552	86	562	37	250	51	246	21	223	85	236
48	543	41	476	250	586	92	576	86	564	49	454	33	549	56	536	70	558	88	228
81	568	74	225	42	548	68	224	32	493	32	511	59	219	107	253	56	252	46	528
78	228	73	234	21	237	79	229	83	565	65	559	188	225	213	226	35	258	124	248
69	563	27	508	42	557	89	262	99	570	54	237	82	566	23	507	66	564	41	542
20	298	43	241	21	503	57	557	189	571	46	278	44	565	73	260	110	558	77	243
40	241	53	223	52	225	38	226	35	243	39	242	82	561	29	514	41	532	137	231



90 568 61 539 33 531

STOP 0  
EXECUTION TERMINATED

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71.10

JOB NO. 102248

UNIVERSITY OF MICHIGAN TERMINAL SYSTEM (MODEL PR220)

14:26.12 05-08-70

USER: CORL  
CHARGE NBR: 00RL

\*\*\*\* ON AT 14:26.14  
 \*\*\*\* OFF AT 14:31.45  
 \*\*\*\* ELAPSED TIME 330.743 SEC.  
 \*\*\*\* CPU TIME USED 65.982 SEC.  
 \*\*\*\* STORAGE USED 2953.27 PAGE-SEC.  
 \*\*\*\* CARDS READ 34  
 \*\*\*\* LINES PRINTED 372  
 \*\*\*\* PAGES PRINTED 11  
 \*\*\*\* CARDS PUNCHED 108  
 \*\*\*\* DRUM READS 63  
 \*\*\*\* APPROX. COST OF THIS RUN \$7.95  
 \*\*\*\* FILE STORAGE 1936 PG-HR. \$.53  
 \*\*LAST SIGNON WAS: 18:35.48 05-05-70

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