

USER: OCRL
CHARGE NBR: 00RL

**** ON AT 12:55.01
 **** OFF AT 13:04.55
 **** ELAPSED TIME 593.83 SEC.
 **** CPU TIME USED 137.503 SEC.
 **** STORAGE USED 6075.14 PAGE-SEC.
 **** CARDS READ 280
 **** LINES PRINTED 797
 **** PAGES PRINTED 20
 **** CARDS PUNCHED 161
 **** DRUM READS 19
 **** APPROX. COST OF THIS RUN \$16.37

**** FILE STORAGE 3 PG-HR. .00

**LAST SIGNON WAS: 12:50.55 12-15-69

Exp 21
PL Fr = 10%
61 cards

\$SIGNOFF

154	373	104	157	408	408	207	414	310	342	85	337	397	529	332	426	297	479	283	150
137	522	30	344	327	392	517	147	54	360	121	420	156	396	76	331	280	535	190	382
69	333	104	223	55	140	98	246	437	543	36	372	547	309	330	382	211	408	204	308
88	311	142	240	106	164	195	337	88	340	68	510	77	167	21	319	236	433	76	335
349	319	126	418	169	343	267	225	179	300	185	357	77	337	67	277	51	376	261	520
307	201	133	530	107	349	189	262	445	143	78	385	119	420	50	406	274	425	134	171
144	354	163	364	107	259	170	293	95	377	286	316	142	326	61	392	145	197	59	159
26	380	231	387	212	286	123	374	66	153	20	253	291	370	150	249	62	426	77	384
220	537	137	376	201	394	99	339	66	464	356	144	95	507	157	365	217	480	156	341
59	363	80	514	185	160	91	223	83	387	191	234	66	493	125	350	97	180	64	239
96	520	127	511	330	491	171	371	150	466	110	319	117	295	59	396	197	291	35	335
86	434	48	421	208	518	63	152	87	515	223	345	178	360	120	440	131	276	123	350
178	352	148	366	81	514	142	528	129	451	51	392	64	318	21	374	50	465	25	313
111	430	71	425	282	412	142	522	207	333	262	537	43	437	135	503	61	140	28	483
55	373	111	336	557	524	114	282	174	401	189	149	125	282	28	150	176	147	472	480
207	263	115	356	147	503	22	139	69	140	141	354	134	523	404	146	106	150	155	535
121	364	86	519	29	203	238	404	53	362	138	176	149	385	154	270	142	527	67	511
223	277	134	267	43	327	69	180	28	313	135	355	206	165	141	144	45	485	151	143
23	349	122	149	70	441	106	149	71	354	63	426	118	315	104	255	45	338	152	232
56	146	35	154	74	338	78	213	83	328	86	528	87	517	32	318	305	405	195	532
101	330	109	141	70	337	98	283	126	432	58	502	84	447	80	342	51	509	78	383
67	511	85	286	83	268	123	377	88	514	20	150	80	513	100	228	76	164	64	137
75	325	130	356	45	303	89	515	49	454	65	288	60	437	49	344	28	318	59	505
67	433	35	371	44	371	29	394	52	321	67	371	33	137	64	269	68	494	59	495
71	465	81	423	64	237	106	159	37	295	20	438	83	298	30	416	57	376	58	331
54	140	50	502	91	452	28	282	41	322	28	450	20	136	38	331	89	146	56	145
20	305	77	403	45	318	25	155	42	299	54	349	66	511	55	211	20	369	56	304
54	330	34	238	98	182	110	511	53	324	21	458								

STOP 0
EXECUTION TERMINATED

111	145	38	424	57	260	107	145	370	219	132	407	711	147	393	419	280	539	425	350
123	472	122	384	71	145	374	472	72	276	87	334	184	331	221	538	110	523	76	513
202	535	132	381	138	292	91	365	158	145	114	354	95	279	26	360	52	479	30	261
176	363	45	340	122	527	415	541	76	443	84	361	187	146	46	140	20	186	402	335
289	530	147	436	141	330	129	138	208	474	265	539	115	159	190	392	86	373	306	420
129	283	294	419	207	409	135	160	83	515	303	155	263	374	132	500	150	358	164	534
137	463	75	174	83	286	30	430	219	296	25	375	121	290	54	495	107	331	119	296
227	173	148	359	201	478	119	512	70	150	158	528	157	328	158	445	166	346	123	531
149	153	285	521	324	149	107	228	32	343	68	513	305	406	180	542	61	472	229	360
103	145	38	372	135	199	53	509	76	174	350	382	137	248	88	518	118	323	43	488
192	528	92	277	51	389	353	525	204	354	63	229	51	326	196	300	328	301	65	153
155	200	106	308	47	417	98	311	153	453	82	518	31	263	22	357	103	404	66	364
223	537	59	500	117	502	349	358	117	341	70	416	32	299	225	432	155	442	137	285
114	192	98	262	98	508	127	448	135	158	95	458	208	443	62	142	266	145	68	192
113	490	246	252	76	415	29	248	50	500	168	151	22	239	159	145	171	450	51	499
72	398	54	276	158	310	138	525	146	327	152	261	119	184	100	525	227	531	63	311
164	260	37	341	46	347	63	389	82	290	54	401	52	157	47	364	462	494	46	496
53	504	94	152	77	145	35	484	57	220	75	453	121	146	34	292	119	253	80	515
65	367	95	385	262	319	80	433	102	332	44	185	99	529	50	325	149	399	64	300
89	371	138	383	44	401	96	366	104	520	94	177	61	157	29	335	272	148	55	500
92	470	40	155	213	351	97	371	75	507	87	232	84	226	51	265	56	290	26	205
35	468	61	373	51	218	65	501	26	411	25	468	21	184	35	145	62	444	67	431
27	465	45	404	24	446	50	249	119	482	28	412	57	187	66	145	34	480	51	240
40	372	69	150	27	434	132	481	90	345	86	497	67	335	161	173	37	313	128	372
134	539	359	557	343	366	80	248	163	519	161	508	385	549	400	222	284	282	426	154
229	532	45	450	73	345	93	314	470	551	136	147	68	287	61	356	330	307	341	549
318	542	209	348	487	399	275	408	258	420	87	527	190	380	144	300	370	541	135	443
204	147	688	393	254	299	234	396	55	343	509	373	230	535	264	341	175	331	245	407
53	433	222	321	24	343	142	157	35	192	437	351	136	439	234	382	212	277	91	530
94	446	435	144	190	194	228	228	144	469	76	339	128	398	36	418	48	280	282	295
27	351	616	529	343	326	315	366	193	180	112	230	234	367	146	337	282	324	90	398
104	325	63	501	118	537	105	297	82	478	370	148	200	224	50	506	82	515	179	422
40	164	28	349	452	549	298	148	159	351	349	445	667	342	460	360	220	347	107	220
91	392	358	540	243	425	327	525	134	348	61	255	87	336	87	233	306	157	143	516
68	277	172	309	75	385	126	428	104	340	61	467	286	416	670	405	336	423	74	519
389	537	204	542	160	272	47	502	154	160	214	452	180	466	179	318	92	521	189	148
72	347	58	319	20	144	69	159	74	254	48	505	1177	152	244	360	496	548	348	154
247	547	96	356	411	412	254	304	237	418	99	397	275	320	236	514	227	152	94	492
162	175	105	351	105	148	150	353	41	309	80	179	108	184	144	489	48	513	78	320
247	155	82	248	897	429	328	269	470	391	304	388	265	451	163	157	56	333	295	310
303	164	167	438	70	146	52	272	29	318	84	346	80	312	79	342	57	291	29	305

12
11
10
9
8
7
6
5
4
3

101	525	84	149	69	451	56	493	38	492	53	447	56	152	38	138	56	464	74	324
37	140	73	280	62	507	62	486	87	521	34	157	55	276	72	404	73	346	78	135
52	372	67	169	32	416	67	482	81	143	31	140	55	270	20	134	59	154	46	498
22	335	74	347	116	360	43	374	47	147	23	142	37	141	34	466	115	194	79	148
26	131	36	327	104	249	47	489	70	514	105	305	79	480	118	236	28	362	35	276
20	166	40	480	26	150	38	481	20	134	53	353	21	293	582	407	395	454	278	459
26	459	117	450	210	149	238	524	443	183	463	472	47	319	237	306	296	152	148	530
108	314	28	435	122	514	28	227	81	161	426	346	457	336	102	344	275	526	361	200
25	452	130	411	334	333	239	298	59	461	83	510	122	148	468	527	213	394	393	193
548	159	120	265	201	366	141	368	76	519	134	442	120	253	64	423	24	365	88	323
60	154	258	536	70	209	514	548	207	272	293	526	175	172	78	521	147	477	112	515
162	153	133	339	221	264	50	462	174	402	111	314	457	390	151	472	149	176	320	227
250	407	175	167	158	366	176	527	104	364	160	166	190	153	97	170	58	149	305	364
323	144	220	532	213	457	180	378	295	275	207	529	231	276	77	355	298	402	300	430
105	392	124	159	118	251	126	413	390	338	276	540	24	381	61	365	123	301	460	292
259	308	450	150	561	322	232	544	154	535	492	192	248	461	42	233	503	288	542	213
126	402	153	143	215	338	177	202	230	472	298	320	132	341	103	334	91	239	55	144
83	251	43	151	87	388	36	500	42	154	182	529	241	543	37	486	553	381	80	359
117	504	280	486	70	333	57	503	438	406	391	376	192	408	65	285	38	145	160	306
210	257	162	374	36	485	111	214	102	344	271	313	24	149	238	345	119	390	398	138
296	466	151	375	148	373	127	472	62	486	28	474	72	139	177	167	366	320	349	469
142	512	111	530	122	354	95	526	78	174	55	287	99	139	89	311	60	503	246	140
549	326	67	171	120	524	98	520	47	512	34	155	33	425	50	369	42	453	270	284
41	392	438	396	187	401	119	136	103	309	206	470	49	494	165	147	136	145	88	479
96	349	197	292	21	156	101	516	67	149	157	390	50	486	491	156	150	528	125	227
209	430	250	331	195	345	49	381	83	346	33	243	161	518	139	179	100	379	48	501
82	224	126	295	115	376	252	258	225	522	51	508	225	534	121	530	87	377	34	162
97	360	27	460	407	224	91	515	114	264	74	517	231	461	39	224	538	206	272	345
130	288	25	467	273	422	123	441	126	378	268	533	143	532	85	515	139	500	118	342
60	358	181	400	210	142	68	517	204	452	183	149	104	526	20	422	217	154	33	145
465	192	103	515	113	306	108	479	109	392	57	443	124	445	144	443	188	253	22	377
311	278	82	511	125	239	106	468	20	239	58	401	141	324	116	420	26	456	274	271
101	147	119	516	69	451	143	339	52	497	33	209	235	151	117	246	106	251	362	392
89	346	132	421	105	500	56	326	84	316	25	326	144	530	65	310	60	356	36	426
102	147	31	153	256	145	21	367	154	147	180	270	50	487	102	157	52	495	74	520
49	342	265	149	66	451	99	401	63	156	77	291	103	410	99	236	47	246	39	139
38	143	51	486	90	157	27	241	155	235	116	429	119	412	141	149	38	327	106	145
129	315	215	148	122	201	347	352	38	149	92	319	148	351	55	151	83	207	71	355
83	301	195	499	76	417	48	157	83	475	33	425	55	149	64	314	36	376	75	268
154	379	102	262	99	147	49	316	67	144	20	162	71	270	59	243	74	245	42	369
69	508	70	512	62	493	75	195	101	389	38	235	60	393	30	403	107	355	114	195
115	217	29	143	46	397	228	216	66	326	69	280	53	137	67	172	22	199	35	469
82	414	92	342	43	221	30	387	66	389	40	348	74	511	102	158	69	371	28	336
28	429	28	460	62	138	83	381	28	342	59	489	62	335	43	476	107	375	27	144
25	306	43	419	547	156	127	526	419	485	505	473	437	171	166	401	238	542	409	305
219	481	264	532	464	228	110	155	28	485	50	296	30	352	692	232	386	496	333	330
198	540	396	388	582	322	321	500	324	546	252	375	104	151	93	311	256	537	210	376
543	386	238	419	160	531	243	523	81	509	41	430	80	522	401	382	366	470	343	538
59	505	172	383	24	186	21	430	382	156	227	432	208	460	97	456	106	462	537	320
206	536	140	528	230	538	119	527	194	447	74	404	515	181	204	442	73	529	138	372
104	360	137	176	32	469	100	518	192	543	213	544	718	150	148	317	531	154	224	162
20	385	70	361	289	407	334	541	419	336	105	339	101	283	318	432	103	155	164	485
77	352	75	343	27	380	477	328	87	222	481	542	157	528	293	152	91	460	25	297
90	530	150	411	112	184	282	343	106	347	129	527	100	248	95	213	42	142	298	343
167	226	50	359	121	244	209	361	48	421	428	452	307	488	262	491	243	366	44	407
136	139	149	347	110	339	46	369	93	196	34	243	31	407	52	507	115	251	729	237
75	414	172	137	34	358	316	539	152	387	131	153	174	368	58	362	62	342	82	510
206	344	81	222	143	522	24	345	491	535	191	151	544	153	272	527	170	501	178	146
92	146	38	416	225	220	207	546	146	172	451	332	65	312	428	542	282	457	138	177
52	280	555	460	132	340	237	166	86	465	166	348	261	214	389	314	56	498	143	386

0.1477283	0.0083714	C.C	C.C	C.C	0.0	0.0	0.0	0.0	0.0	0.0
0.1191863	0.0587415	C.C	C.C	C.C	0.0	0.0	0.0	0.0	0.0	0.0
C.C708987	0.1124684	0.C513280	C.0	C.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0419445	0.0372299	0.C623024	C.C342228	0.C114617	0.0	0.0	0.0	0.0	0.0	0.0
0.0304119	0.0102706	0.C179256	C.0141731	0.0162680	0.0120990	0.0028654	0.0	0.0	0.0	0.0
0.C049021	0.0	0.0	C.0	C.0	0.0	0.0085422	0.0	0.0	0.0	0.0
0.0	0.0	C.C	C.C	0.0	0.0	0.0	0.0	0.0060224	0.0078966	0.0037359
0.2302803	0.2476187	0.1896144	C.1103818	C.C947801	0.0665256	0.0158349	0.0176008	0.0	0.0037359	0.0078966
0.0	0.0	0.CC97083	C.0	C.C	0.0060224	0.0	0.0	0.0	0.0078966	0.0078966
0.0052228	0.0073219	0.C097125	C.C133984	C.C302037	0.0468799	0.0653053	0.0907943	0.0948510	0.0830768	0.0078966
0.1164500	C.1220809	C.C795783	C.1037471	0.0755134	0.0285003	0.0037359	0.0097083	0.0060224	0.0078966	0.0078966
0.C962753	0.0651345	0.C248602	C.0202955	C.C326027	0.0184587	0.0283920	0.0360054	0.0497786	0.0691494	0.0726688
0.0668130	0.0659217	0.0664423	0.0488624	C.C294707	0.0392831	0.0423068	0.0420944	0.0851842	0.0726688	0.0109786
0.0251684	0.0062182	C.C090003	0.0113118	C.C213825	0.0191126	0.0128903	0.0136733	0.0288126	0.0109786	0.0343394
0.0364968	0.0134775	C.C146770	C.C195874	C.0248685	0.0349017	0.0172759	0.0161806	0.0173092	0.0343394	0.0282087
0.0260472	0.0032819	C.C075176	C.0152476	C.0112618	0.0205037	0.0180339	0.0153309	0.0121406	0.0282087	0.0266052
0.C207036	0.0045397	0.C044106	0.C102123	C.C181131	0.0119449	0.0264511	0.0102789	0.0068012	0.0266052	0.0171301
0.0084839	0.0015035	0.C042440	0.C040274	C.0126113	0.0084714	0.0085755	0.0057559	0.0055809	0.0171301	0.0119490
0.0176549	0.0034818	0.C033611	0.0	C.0102456	0.0104747	0.0120698	0.0052228	0.0033527	0.0119490	0.0161597
0.0041982	0.0081548	C.C019325	C.C040108	C.C038900	0.0040358	0.0058891	0.0	0.0079216	0.0161597	0.0070511
0.C090378	0.0044981	0.0	0.0	0.0137774	0.0045647	0.0047271	0.0023115	0.0024823	0.0070511	0.0025656
0.0027655	0.0	0.0	C.0	C.0027780	0.0	0.0027905	0.0	0.0	0.0025656	0.0028654
0.0108537	0.0	0.CC59183	C.C	C.0	0.0187253	0.0066013	0.0	0.0	0.0028654	0.0028654

1596 0.362010E 01 C.381867E-C1 0.534071E 00 0.519739E 00 0.278156E 00
1596 0.131000E 03 C.557000E 03 0.190933E-02 0.240103E 06 0.458342E 03

509	514	515	517	531	532	537	538	542	543										
544	547	547	547	548	549	553	553	555	557										
561	582	582	589	596	616	664	667	670	688										
688	692	711	718	729	897	1154	1177	1446	1896										
259	158	235	390	134	263	206	514	486	196	93	514	30	178	112	279	130	495	101	401
77	142	89	313	1446	377	72	364	205	423	227	536	431	437	192	541	688	548	64	208
189	507	216	473	149	296	340	390	251	413	290	320	123	381	311	326	157	502	195	156
150	158	116	520	131	529	162	359	280	542	138	349	112	384	435	358	97	475	113	525
84	271	86	150	596	509	64	518	256	261	212	398	239	473	79	435	57	339	362	396
111	350	153	296	414	402	40	465	307	538	25	479	242	454	93	523	370	538	298	298
79	502	90	325	94	257	532	342	24	466	296	418	250	175	410	165	216	384	120	314
158	330	664	156	47	148	553	390	304	465	202	241	165	532	93	361	95	150	187	415
128	149	143	138	32	312	63	513	452	153	418	547	468	549	315	482	196	146	547	543
134	532	246	344	127	466	25	427	316	151	179	151	589	541	183	491	56	402	107	521
223	331	72	524	85	440	173	287	93	538	81	451	108	152	98	516	87	515	98	488
103	414	101	469	86	160	58	474	99	286	63	495	31	162	109	329	66	356	67	508
57	497	33	146	160	314	30	256	63	315	37	477	56	479	24	454	93	378	77	146
111	150	34	186	25	143	35	436	69	502	57	164	25	451	1896	361	64	367	188	314
294	236	36	499	272	216	112	469	31	480	159	537	301	403	102	150	74	513	298	150
75	415	352	329	33	196	140	158	204	462	255	384	216	158	224	297	253	469	24	445
144	364	34	402	305	148	177	515	113	532	84	521	224	261	89	144	180	418	53	514
238	147	180	524	86	529	329	224	263	540	79	171	23	284	165	319	248	489	118	518
177	526	150	286	151	343	116	153	163	174	25	307	113	329	117	439	88	154	29	147
261	350	247	528	141	340	179	532	141	530	54	512	72	221	65	513	160	417	132	399
156	438	26	309	219	509	62	404	111	157	28	436	232	520	45	332	104	518	109	151
93	285	152	280	115	367	75	504	61	500	194	246	134	372	244	356	92	487	70	513
81	511	136	147	101	520	80	465	94	325	99	242	81	147	75	506	63	489	180	436
151	194	226	474	101	405	102	144	166	138	51	188	112	290	116	525	118	419	75	480
56	266	138	376	83	516	86	373	70	149	121	164	51	491	78	154	97	515	91	152
233	137	61	486	116	147	155	230	35	492	303	417	155	158	93	512	135	526	42	196
43	489	110	136	36	315	80	457	122	160	58	506	76	310	79	209	96	264	20	442
90	519	133	521	28	347	88	369	102	507	99	405	81	144	125	364	46	338	57	481
107	463	155	423	65	514	103	520	123	524	50	161	26	154	167	426	64	140	96	172
72	307	51	492	43	371	106	238	42	215	117	398	29	320	74	500	47	157	78	289
80	149	117	189	120	169	31	141	45	479	155	142	44	301	84	463	115	186	91	147

0305	0000	0000	0354	034E	035F	037B	0374	0377	037A	0376	0376	0360	0353	0354	0366	0371	0373	0364	0352	0347	0362	0371	036A	0369
012F	0147	0154	014E	0158	014F	014E	013A	012F	0123	015F	01CE	01DC	0165	01E0	02B9	030C	0343	0350	035B	035B	0360	035A	0347	0337
0405	0000	0000	036F	036F	037B	0379	036F	0367	034C	033F	034D	0364	036E	0366	0357	0341	0353	0363	0369	0367	036F	036E	0366	0358
036E	0367	035C	034E	0346	035E	036A	0372	036F	035A	034C	035F	0377	0376	0374	0379	0376	0361	034F	034D	0349	035C	036B	0370	0367
0505	0000	0000	0353	034B	034C	0352	037C	037B	0377	0368	0356	0358	036E	037B	036F	0374	0373	036F	0364	0352	0346	0353	0367	036C
034E	0359	036C	0371	0368	0357	034F	035C	036F	0369	036B	0373	0371	036C	035E	0346	0346	0351	0368	0368	0361	034E	0343	035A	0369
0605	0000	0000	0364	0374	036E	0366	0353	0351	0369	0374	036F	036F	0372	0371	0368	0357	0347	034E	0360	036B	0367	035B	034A	0347
034E	033C	0345	0363	036C	0367	036B	036C	0369	035D	034F	0343	0353	0362	036E	0367	0354	0343	034F	035F	0361	0361	0364	0362	0357
0705	0000	0000	034C	0366	0378	037B	037E	037B	0376	036E	035C	034E	0351	036B	0377	0372	0361	034E	034C	0360	0372	0367	0372	0370
02CE	0206	020C	0201	0209	01F6	01E7	01D7	01EF	01FF	01FE	01FB	01E2	01D7	01DD	01FF	0205	0206	01FF	0202	01FF	01E7	01DC	01D1	01EC
0805	0000	0000	0376	0376	036E	0363	034F	0346	0352	0367	0368	035D	0339	032B	0350	0363	036B	036A	036F	036C	0365	0358	0348	034E
01FE	01F5	01E9	01D3	01D3	01E5	01F0	01F3	01DF	01CE	01C3	01DC	01EC	01E7	01EF	01F2	01FE	01EB	01D8	01CF	01CB	01F3	01F4	01FC	01ED
0905	0000	0000	035F	0347	0347	0360	036A	036B	0363	0352	034C	0362	036C	0362	0371	0374	0375	0367	035E	034D	0354	0364	0377	0376
0187	018F	01A9	01B0	01B0	019D	0189	0199	01A9	01B4	01B0	01AF	01B1	01B3	019F	0188	018D	0199	01AF	01AE	01A7	0194	0191	0199	01AC
0006	0000	0000	036D	0330	02A7	0267	028F	02AD	02CE	02D0	02C7	02B3	02A6	0294	028B	0277	026F	0283	028C	0293	0282	027B	025B	0277
037F	036E	0361	035E	0374	0380	037C	0378	037F	037E	0377	0367	035C	035F	036F	037E	037E	0371	035C	0360	0377	037D	0377	0377	0380
0106	0000	0000	0364	035A	0366	0383	0382	037E	037A	037E	0377	0367	0362	0357	0368	0376	0372	0370	0360	0356	036C	037D	0380	0380
0380	0388	0380	0374	0357	0365	037A	0387	0382	0380	0380	037E	0370	035C	0356	0360	0377	037B	0376	0367	0354	0363	0377	0386	0380
0206	0000	0000	0381	0372	0359	0356	036F	037C	037E	0381	0382	037B	036E	0360	0358	0360	0376	037C	0378	036F	0357	0367	037A	0385
03FF	03FF	03FF	03FF	03FF	03FF	03FF	03F3	03F7	03FF	03FF	03FF	03FF	03FF	03FF	03EE	03E9	03FD	03FF	03FF	03FF	03FF	03FF	03FF	03F3

67C 0.19C933E-02

.4260E 020.7223E 020.4260E 020.4371E 050.1876E 030.9380E 020.2130E 020.7548E 010.2996E 010.4552E 000.2276E 00

1896 0.362010E 01 0.381867E-01 0.127925E 01 0.557000E 03 0.131000E 03
 1596 0.534071E 00 0.519739E 00 0.887251E 00 0.278156E 00 0.264909E 00
 20 0.524553E 00 0.367422E 00 0.283967E 00 0.192776E 00 0.458342E 03

0.0784913	0.0220280	0.0284336	0.0387917	0.0547640	0.0653678	0.0426359	0.0369758	0.0508865	0.0595245
0.0399995	0.0086296	0.0114159	0.0215949	0.0367176	0.0311949	0.0422277	0.0258889	0.0213658	0.0609613
0.0292999	0.0144979	0.0052936	0.0040108	0.0246686	0.0174467	0.0210493	0.0058891	0.0096667	0.0294832
0.0087171	0.0	0.0059183	0.0	0.0027780	0.0	0.0056559	0.0	0.0024823	0.0078841
0.0	0.0	0.0	0.0	0.0	0.0	0.0037359	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0049021	0.0	0.0	0.0	0.0	0.0048063	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0060224	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0078966	0.0	0.0	0.0	0.0
0.0024781	0.0007164	0.0007330	0.0006581	0.0019783	0.0019408	0.0011537	0.0023032	0.0005831	0.0
0.0040733	0.0010954	0.0012911	0.0011328	0.0039275	0.0025781	0.0028571	0.0017951	0.0043606	0.0
0.0125863	0.0033985	0.0030820	0.0063264	0.0097250	0.0099291	0.0067388	0.0049979	0.0175800	0.0027197
0.0244395	0.0077717	0.0138191	0.0121115	0.0190668	0.0186295	0.0107537	0.0108370	0.0147062	0.0239647
0.0315781	0.0090461	0.0078341	0.0143813	0.0166845	0.0297914	0.0168969	0.0136358	0.0111494	0.0269301
0.0332607	0.0042107	0.0088462	0.0217490	0.0242438	0.0235940	0.0362511	0.0218948	0.0154059	0.0452389
0.0261388	0.0082006	0.0095376	0.0059433	0.0267469	0.0208619	0.0245061	0.0109786	0.0160306	0.0382169
0.0219531	0.0107162	0.0059183	0.0020949	0.0165554	0.0066846	0.0124113	0.0023115	0.0045855	0.0207827
0.0049021	0.0	0.0	0.0	0.0	0.0048063	0.0037359	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0139190	0.0	0.0	0.0	0.0
0.0125446	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0231109	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0770835	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

\$RUN -CBJ+*SOURCE* *SINK*; 2=*DT* 5=*SOURCE* 6=*SINK* 4=*PUNCH* 7=STORG

ENTRY = 40F000 SIZE = 027AC8

NAME	VALUE	T	RF	NAME	VALUE	T	RF	NAME	VALUE	T	RF
GETSPACE	209B18	*		FREESPAC	2C9DC8	*		ERROR#	20F754	*	
MTS#	20F770	*		CANREPLY	211CAE	*		GDINFO	21103E	*	
SETIDERR	211F72	*		POINT	212928	*		SCARDS#	212F00	*	
SPRINT#	212F12	*		SPRINT	212F12	*		SPUNCH#	212F24	*	
SERCOM#	212F36	*		READ#	212FB4	*		READ	212FB4	*	
WRITE#	212FDC	*		WRITE	212FDC	*		LC SYMBOL	213AB0	*	
CORCT	4040C8		4C40D8	POSTAP	4C424C		4040D8	REWIND#	404310		*404310
IHCSLOG	4044AC	*	*4C44A0	ALOC	4044BC	*		IRCOM#	40C000	*	*40C000
MAIN	40F00C		40F000	FIOCS#	4332C8	*	*4332C8	ADCON#	434000	*	*434000
FCVZO	434154	*		FCVAC	4341FA	*		FCVLO	434282	*	
FCVIO	4345A8	*		FCVEC	434A9A	*		FCVCO	434CAC	*	

EXECUTION BEGINS

0100	0000	0000	0378	0396	038F	038E	03A1	0397	0387	0384	0374	0362	0371	0396	0397	0387	0388	0377	036F	038E	039C	038C	0393	0398
0397	039B	039B	0393	03E6	037E	036F	0374	038E	0399	0397	038A	037A	037E	0391	039C	0393	0397	039C	0393	0383	0374	0373	0377	038F
0	0		300C6		905		1		0	0.0		0.1000E	05											
0200	0000	0000	039C	0399	038E	0382	0374	036F	0384	0394	0394	038C	037B	037A	038E	039B	039B	0393	039E	03A0	0382	0376	037C	0377
0369	037E	0383	038F	038F	0376	0372	0382	038F	0397	039C	0397	0395	0397	0387	037A	0378	037E	038A	039B	0394	037D	0373	037E	0391
1	259		300C6		902		2		0	0.1580E	03	0.1580E	03											
0300	0000	0000	038F	039C	039A	038C	0377	0371	0391	03A2	039A	0397	03A0	0399	038E	0382	037B	0384	0396	03A3	03A2	038B	0380	0389
036A	036E	0380	038A	038B	038F	038F	038E	038C	037F	036C	0370	037C	0387	0385	037B	036D	036E	038A	038E	0382	038E	038A	0388	0382
6	486		300C6		900		3		0	0.5140E	03	0.1580E	03											
0400	0000	0000	0382	0393	0397	039B	039B	0397	0397	0382	036B	0374	0384	0392	0394	038B	036E	0366	0387	038E	0383	038E	0387	0380
038C	038F	0394	038E	036C	0360	037C	038E	038B	038C	037A	0367	0372	0383	038F	038C	0380	0389	038D	0379	035F	035D	037B	0386	0380
10	486		300C6		897		4		0	0.5140E	03	0.1580E	03											
0500	0000	0000	038C	0376	0367	0369	0375	0388	0391	0386	0369	0366	037D	0381	038E	038C	0385	038C	0380	036F	0366	036B	0373	038F
039A	039F	0391	0377	037A	038F	0397	039A	0398	039A	039E	0396	037A	0367	0374	038B	0399	0397	0381	0373	0374	038B	0393	038C	038F
11	486		300C6		894		5		0	0.5140E	03	0.1420E	03											
0600	0000	0000	0393	0380	036A	0372	0389	038A	0383	038F	0392	0385	036F	0367	035C	036E	038F	038B	037B	0370	0364	036F	038B	038A
038C	0387	0379	0362	0357	0364	0376	038C	0380	0369	0358	0364	0374	037C	037C	0384	0383	0383	0377	035A	0356	036A	037B	0383	0386
12	486		300C6		891		6		0	0.5140E	03	0.1420E	03											
0700	0000	0000	037C	0367	0359	0360	0379	0384	038C	037E	0360	0361	037A	0389	038F	0391	0393	038F	0386	0376	0363	036C	0384	0390
035C	03E4	037B	037C	037A	0383	0381	037E	0376	035C	034E	0364	0377	037C	037E	0369	0361	036C	0386	038E	0382	038D	0389	0380	0374
12	486		300C6		88E		7		0	0.5140E	03	0.1420E	03											
0800	0000	0000	0370	0386	0383	0381	038B	0386	037B	036D	035E	0363	0377	0384	038E	0382	036C	0364	0380	0390	038C	0392	0396	0390
024C	024F	023F	0234	0227	022E	0253	024F	0251	0257	0256	0248	0244	022F	0227	0241	0248	024C	024E	0230	0227	0233	0249	0248	0248
22	1446		300C6		882		8		149	0.5480E	03	0.1420E	03											
0900	0000	0000	036A	0357	0354	036C	037C	0370	0378	0377	0371	0370	0360	0347	034C	0364	0370	0374	035E	034E	0348	0364	0370	036E
0362	035C	036C	037E	0380	0383	0386	0381	0376	036C	0357	035A	0372	037E	037E	0376	035E	035C	0375	0389	036F	0309	029B	028B	032C
63	1446		300C6		877		9		0	0.5480E	03	0.1420E	03											
0001	0000	0000	0360	037E	0380	0380	0386	0384	0376	036C	0359	0360	0370	0386	0384	037A	0366	035B	0372	037E	037F	0380	0385	0381
01E2	01D3	01DB	01DA	01D7	01D3	01BC	01B8	01BA	01CC	01DE	01D4	01CC	01B5	01C3	01D5	01E6	01D7	01CE	01D7	01CF	01C4	01B9	01AA	01BF
79	1446		300C6		879		10		187	0.5480E	03	0.1420E	03											
01C1	0000	0000	033F	0369	0374	036C	0362	034A	034F	0361	036E	0373	035E	034F	0349	0366	0370	0374	036B	036F	0367	0364	035A	0346
0387	0380	037C	0363	035A	035F	036F	037E	0377	0363	0356	0360	0373	0324	026E	022B	023F	023B	021E	01FC	01DB	01D3	01DC	01D5	01D3
98	1446		300C6		88C		11		11	0.5490E	03	0.1380E	03											
02C1	0000	0000	01CC	01B3	01BA	01D4	01D7	01DB	01CC	01B4	01AF	01C6	01CD	01CE	01D5	01CF	01D6	01C7	01B9	01A4	01BD	01CA	01D9	
037E	036A	0357	035F	036E	0380	0281	036F	035E	035C	0370	0379	0377	0378	0384	037C	036B	0364	034C	035C	0372	037E	0375	0365	035A

\$RUN *MCUNT;PAR=G781 CN 7TP,PNAME=*DT*,MCDE=20F,SIZE=30100,'EDATA',RING OUT
EXECUTION BEGINS
G781 CN 7TP,PNAME=*DT*,MCDE=20F,SIZE=30100,'EDATA',RING OUT

DT: MCUNTED CN TCC1
EXECUTION TERMINATED

12
11
10
9
8
7
6
5
4
3

\$RUN *STATUS
EXECUTION BEGINS

STATUS OF OORL AT LAST SIGNOFF	USED	MAXIMUM	REMAINING
CUMULATIVE CHARGE (\$)	689.56	800.00	110.44
CUMULATIVE TERMINAL TIME (HR)	0.60		
CURRENT DISK SPACE (PAGES)	10	15	5
CUMULATIVE DISK STORAGE (PG-CA)	673.27		
CUMULATIVE MEMORY--CPU (PG-HR)	71.67		
CUMULATIVE MEMORY--WAIT (PG-HR)	248.77		
CUMULATIVE CPU TIME (HR)	1.62		
CUMULATIVE LINES PRINTED	36284		
CUMULATIVE PAGES PRINTED	978		
CUMULATIVE CARDS PUNCHED	4176		
CUMULATIVE CARDS READ	13149		
BATCH SESSIONS	65		
TERMINAL SESSIONS	2		
EXPIRATION DATE AND TIME:	01-06-70	24:00.00	

EXECUTION TERMINATED

12
11
10
9
8
7
6
5
4
3

SUBPROGRAMS CALLED

SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION
IRCCM#	248	PCSTAP	24C	CORCT	250	WRITE	254	ALOG	258

SCALAR MAP

SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION
FSF	28C	MOC	290	NSSB	294	NLEV	298	NOS	29C
NDIM	2A0	NCC	2A4	NORG	2A8	NMA	2AC	BB	2B0
FRT	2B4	FAC	2B8	FREQ	2BC	SDR	2C0	NSPDA	2C4
NSTDA	2C8	NDIP	2CC	DPC	2D0	DRM	2D4	NSSBS	2D8
LT	2DC	KQUNT	2E0	JK	2F4	MOLES	2E8	MKONT	2EC
NOG	2F0	CONCM	2F4	CONCL	2F8	ZMMOL	2FC	I	300
BASE	304	NOR	308	L	30C	NKSD	310	SOEK	314
INBR	318	IBASE	31C	KLEV	320	FCON	324	ITMZ	328
ISREC	32C	IPRT	330	KLEV1	334	STOT	338	S1	33C
C1	340	S2	344	SIC1	348	C2	34C	S3	350
S2C1	354	SIC2	358	C3	35C	SOAD	360	SOAD2	364
SCAD3	368	CONCZ	36C	COAD	370	COAD2	374	I1	378
SUM	37C	IE	380	LMO	384	KGB	388	J	38C
DCM	390	DVM	394	DC	398	DM	39C	DV	3A0
DVV	3A4	DCC	3A8	BLOG	3AC	SLOG	3B0	DLV	3B4
DLVV	3B8	KTCT	3BC	KOZT	3C0	CLOG	3C4	CONT	3C8
KCLT	3CC	JKK	3C0	JMM	3D4	JCC	3D8	JNN	3DC
JVV	3E0	JLV	3E4	JCLC	3E8	JKKK	3EC	JCCC	3F0
TVCL	3F4	ADS	3F8	SMV	3FC	TMV	400	CVC	404
SMC	408	TMC	40C	ACON	410	SMVAC	414	SMCAV	418
DMAX	41C	DMIN	420	LEN	424	NBR	426		

ARRAY MAP

SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION
A	428	KCNT	798C	ZMOLE	D77C	DIST	1353C	MDST	1453C
LMOL	1553C	QTP	155DC	KONC	1562C	CDIST	1F26C	FCONC	2026C
CLDST	20274	VMAR	21274	VLMAR	212EC	CMAR	21364	OPTM	213DC
CSDT	2142C	GPTA	2242C	OPTB	2247C				

FORMAT STATEMENT MAP

SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION	SYMBOL	LOCATION
572	224CC	571	224D7	52	224E0	17	224F5	717	22500
83	22506	7	225CC	82	22512	87	22519	5	22524
88	2252F	100	22536						

TOTAL MEMORY REQUIREMENTS 0242C2 BYTES
EXECUTION TERMINATED

12
11
10
9
8
7
6
5
4
3

```
0221      DMIN=(NKSD  )*S0EK
0222      WRITE(6,100) LMC,SCEK
0223      WRITE(6,88) DCM,DVM,DC,DM,DV,DVV,DCC,BLOG,SLOG,DLV,DLVV
0224      WRITE(6,87) MKONT,CMAX,DMIN,DRM,CONCM,CONCL
0225      WRITE(6,87) L,ADS,SMV,TMV,CVC,SMVAC
0226      WRITE(6,87) NKSD,ACON,SMC,TMC,SMCAV,STOT
0227      READ (5,7)  (CTP(I),I=1,20)
0228      WRITE (6,GTP) ((CLDST(I,J),J=1,NDIM),I=1,NDIM)
0229      WRITE (6,GTP) ((CDIST(I,J),J=1,NDIM),I=1,NDIM)
0230      WRITE (6,GTP) ((DIST(I,J),J=1,NDIM),I=1,NDIM)
0231      READ(5,7) (CPTM(I),I=1,20)
0232      WRITE(6,OPTM) (VMAR(I),I=1,NMA),(VLMAR(I),I=1,NMA),(CMAR(I),
2 I=1,NMA)
0233      READ (5,7) (CPTA(I),I=1,20)
0234      WRITE(6,CPTA) ((CSDT(I,J),J=1,NDIP),I=1,NDIP)
0235      IF (NSPDA.LT.1) GO TO 18
0236      WRITE(4,717) (KCNT(I),KCNC(I),I=1,L)
0237      18 IF (NSTDA.LT.1) GO TO 19
0238      READ (5,7)  (OPTB(I),I=1,20)
0239      WRITE(6,87) L,DMAX,DMIN,ADS, SMV,CVC
0240      WRITE(6,87) L,CCNCL,CONCM,S0EK,TVOL,STOT
0241      WRITE(6,52) (LMOL(I),I=1,40)
0242      WRITE(6,OPTB) (KCNT(I),KCNC(I),I=1,L)
0243      19 CONTINUE
0244      END
```

```
0166      DV=(MKCNT-NKSD)/(NDIM-0.001)
0167      DVV=(MKCNT-NKSD)/(NMA-0.001)
0168      DCC=(CCNCM-CCNCL)/(NMA-0.001)
0169      BLOG=ALOG(MKCNT+C.0001)
0170      SLOG=ALOG(NKSD+0.0001)
0171      DLV=(BLOG-SLOG)/(NDIM-0.0001)
0172      DLVV=(BLOG-SLOG)/(NMA-0.001)
0173      KTOT=0
0174      DO 90 I=1,L,1
0175      KOZT=KCNT(I)
0176      KTUT=KTCT+KOZT
0177      CLOG=ALOG(KOZT+C.0001)-SLOG
0178      CCNT=KCMC(I)-CCNCL
0179      KOLT=KOZT-NKSD
0180      JKK=CLOG/DLV
0181      JMM=ZMCLE(I)/DM
0182      JCC=CCNT/DC
0183      JNN=KOLT/DV
0184      JVV=KOLT/DVV
0185      JLV=CLOG/DLVV
0186      JCLC=CCNT/DCC
0187      JKKK=KOLT/DVM
0188      JCCC=CCNT/DCM
0189      IF(JKKK.GE.NDIP) JKKK=NDIP-1
0190      VMAR(JVV+1)=VMAR(JVV+1)+KONT(I)
0191      VLMAR(JLV+1)=VLMAR(JLV+1)+KONT(I)
0192      CMAR(JCLC+1)=CMAR(JCLC+1)+KONT(I)
0193      CDIST(JKK+1,JCC+1)=CDIST(JKK+1,JCC+1)+KONT(I)
0194      CSDT(JKKK+1,JCCC+1)=CSDT(JKKK+1,JCCC+1)+KOZT
0195      CLDST(JNN+1,JCC+1)=CLDST(JNN+1,JCC+1)+KONT(I)
0196      MDST(JKK+1,JMM+1)=MDST(JKK+1,JMM+1)+KONT(I)
0197      TVCL=KTCT
0198      DO 25 I=1,NMA
0199      VMAR(I)=VMAR(I)/TVCL
0200      VLMAR(I)=VLMAR(I)/TVCL
0201      CMAR(I)=CMAR(I)/TVCL
0202      KGB=NDIP
0203      IF(NDIM.GT.NDIP) KGB=NDIM
0204      DO 95 I=1,KGB
0205      DO 95 J=1,KGB
0206      CSDT(I,J)=CSDT(I,J)/TVCL
0207      CDIST(I,J)=CDIST(I,J)/TVCL
0208      CLDST(I,J)=CLDST(I,J)/TVCL
0209      DIST(I,J)=MDST(I,J)/TVCL
0210      ADS=S1/STOT
0211      SMV=S2/STOT
0212      TMV=S3/STOT
0213      CVC=S1C1/STOT
0214      SMC=C2/STOT
0215      TMC=C3/STOT
0216      ACON=C1/STOT
0217      SMVAC=S2C1/STOT
0218      SMCV=S1C2/STOT
0219      DMAX=MKCNT*SCEK
0220      DRM=LMC*SCEK
```

```

0111      C2=0.0
0112      S3=0.0
0113      S2C1=C.0
0114      SIC2=C.0
0115      C3=0.0
0116      DO 78 I=1,L
0117      SOAD=KCNT(I)*SCEK
0118      SOAD2=SCAD*SCAD
0119      SOAD3=SCAD2*SCAD
0120      CCNCZ=(KCNC(I)-CCNCL)/(CCNCM-CCNCL)
0121      COAD=SCAD*CCNCZ
0122      COAD2=CCAC*CCNCZ
0123      STOT=STCT+SCAD
0124      SI=SI+SCAD2
0125      C1=C1+CCAC
0126      S2=S2+SCAD3
0127      SIC1=SIC1+SCAD*COAD
0128      C2=C2+CCAC2
0129      S3=S3+SCAD3*SCAD
0130      S2C1=S2C1+SCAD2*COAD
0131      SIC2=SIC2+SCAD*CCAC2
0132      C3=C3+CCAC2*CCNCZ
0133      ZMOLE(I)=ZMOLE(I)-KCNT(I)*CCNCL
0134      IF (ZMOLE(I).GT.ZMMCL) ZMMCL=ZMOLE(I)
0135      IF(KCNT(I).LE.LMCL(I)) GO TO 78
0136      DO 72 I1=2,40
0137      IF (KCNT(I).LT.LMCL(I1)) GO TO 77
0138      72  LMOL(I1-1)=LMOL(I1)
0139      I1=I1+1
0140      77  LMOL(I1-1)=KCNT(I)
0141      78  CONTINUE
0142      SUM=0.0
0143      DO 53 IE=C,38
0144      I=40-IE
0145      SUM=SUM+LMCL(I)*SCEK/STOT
0146      IF(SUM.GT.DPC.AND.LMOL(I).NE.LMOL(I-1)) GO TO 54
0147      53  CONTINUE
0148      54  LMC=LMCL(I-1)
0149      IF(DRM.GT.C.C) LMC=DRM/SCEK
0150      DO 21 I=1,NMA
0151      VMAR(I)=C.0
0152      VLMAR(I)=C.0
0153      21  CMAR(I)=C.0
0154      KGB=NDIP
0155      IF (NDIM.GT.NDIP) KGB=NDIM
0156      DO 85 I=1,KGB
0157      DO 85 J=1,KGB
0158      CDIST(I,J)=C.0
0159      CSDT(I,J)=C.0
0160      CLDST(I,J)=C.0
0161      MDST(I,J)=C
0162      DCM=(CCNCM-CCNCL)/(NDIP-C.001)
0163      DVM=(LMC-NKSD)/(NDIP-1.001)
0164      DC=(CCNCM-CCNCL)/(NDIM-0.0001)
0165      DM=ZMMCL/(NDIM-C.CC1)

```



```

0056      IF (NCC.EQ.1) GO TO 28
0057      WRITE (6,82) (FCCNC(I),I=1,2)
0058      73      ITMZ=C
0059      READ(5,83) ISREC
0060      71      IF(ITMZ.GE.ISREC) GO TO 70
0061      CALL WRITE(FSF,LEN,MCD,0,2)
0062      ITMZ=ITMZ+1
0063      GO TO 71
0064      70      CALL CCRCT(A,NBR,&8C)
0065      INBR=NBR/2
0066      IPRT=INBR-24
0067      WRITE(6,571) (A(I),I=1,25)
0068      WRITE(6,571) (A(I),I=IPRT,INBR)
0069      NOR=NCR+1
0070      IF(NOR.GT.1) NSSB=4
0071      IF(NOR.GT.1) GO TO 30
0072      DO 20 I=4,NSSB
0073      20      BASE=BASE+A(I)/(NSSB+C.0001)
0074      IBASE=BASE
0075      30      DO 60 I=NSSB,INBR,NOS
0076      IF(A(I).EQ.C) GO TO 50
0077      IF(A(I).EQ.1023) GO TO 50
0078      KLEVI=IBASE-A(I)
0079      IF (KLEVI.LE.NLEV) GO TO 40
0080      KOUNT=KOUNT+1
0081      MCLES=MCLES+KLEVI
0082      GO TO 60
0083      40      IF(KOUNT .LT. NKSD) GO TO 51
0084      L=L+1
0085      KCNT(L)=KOUNT
0086      ZMOLE(L)=MCLES
0087      KONC(L)=MCLES/KCUNT
0088      IF(KCUNT.GT.MKCNT) MKCNT=KCOUNT
0089      IF(KONC(L).GT.CONCM) CONCM=KONC(L)
0090      IF(KONC(L).LT.CONCL) CONCL=KONC(L)
0091      51      IF(KLEVI.GT.50) GO TO 50
0092      BASE=(BB*BASE+A(I))/(BB+1.0)
0093      IBASE=BASE
0094      50      KOUNT=C
0095      MCLES=0
0096      60      CONTINUE
0097      WRITE(6,572) L,MKCNT,NBR,IBASE,NOR,KOUNT,CONCM,CONCL
0098      GO TO 70
0099      80      NCG=NCG+1
0100      IF(NCG.GE.NCRG) GO TO 63
0101      NOR=0
0102      NSSB=NSSBS
0103      BASE=C.0
0104      GO TO 73
0105      63      CONTINUE
0106      STQT=0.0
0107      S1=0.0
0108      C1=0.0
0109      S2=0.0
0110      SIC1=0.0

```

IBASE = 860

```

0001      INTEGER*2  A(15050),NBR,LEN
0002      DIMENSION KCNT(6000),ZMCLF(6000),DIST(32,32),MDST(32,32),LMOL(40)
0003      DIMENSION CTP(20),KCNC(10000),CDIST(32,32),FCCNC(2),CLDST(32,32)
0004      DIMENSION VMAR(30),VLMAR(30),CMAR(30),OPTM(20)
0005      DIMENSION CSCT(32,32),OPTA(20),OPTB(20)
0006      572  FORMAT(6I10,2E12.4)
0007      571  FORMAT(25(1X,Z4))
0008      52  FCRMAT(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  FCRMAT(11E10.4)
0017      100  FCRMAT(11I5,1E14.6)
0018      DATA FSF,LEN,MCC/'FSF',3,128/
0019      READ(5,5) NBR,NSSB,NLEV,NOS,NDIM,NOC,NORG,NMA,BB,FRT,FAC,FREQ,SDR
0020      READ(5,17) NSPDA,NSTCA,NCIP,DPC,DRM
0021      NSSRS=NSSB
0022      LT=0
0023      KCUNT=0
0024      JK=0
0025      MOLES=0
0026      MKUNT=0
0027      NCG=0
0028      CONCM=0.0
0029      CONCL=10000.0
0030      ZMMCL=0.0
0031      DO 74 I=1,40
0032      74  LMOL(I)=0
0033      BASE=0.0
0034      NOR=0
0035      L=0
0036      NKSD=SDR*FREQ/(2.0*FRT*FAC*NOS)
0037      SOEK=FRT*FAC*NOS*2.0/FREQ
0038      CALL PCSTAP
0039      IF(NOC.NE.0) GO TO 73
0040      28  CALL CCRCT(A,NBR,&22)
0041      INBR=NBR/2
0042      22  NOO=NCO+1
0043      DO 23 I=4,INBR,25
0044      IF(I.GT.1004) GO TO 24
0045      BASE=BASE+A(I)/40.0
0046      GO TO 23
0047      24  IRASE=BASE
0048      KLEV=A(I)-IRASE
0049      IF (KLEV.LE.NLEV) GO TO 26
0050      LT=LT+1
0051      FCCN=FCCN+KLEV
0052      GO TO 23
0053      26  BASE=(BASE*30.0+A(I))/31.0
0054      23  CONTINUE
0055      FCCNC(NOC)=FCCN/LT

```

\$SIGNON 00RL T=4.CM C=600 P=150
**LAST SIGNON WAS: 12:50.55 12-15-69
USER "00RL" SIGNED ON AT 12:55.01 ON 12-15-69
\$RUN *FORTRAN SPUNCH=-OBJ PAR=SCURCE,MAP
EXECUTION BEGINS

12
11
10
9
8
7
6
5
4
3

