

13  
RELATION OF PERSONAL TIME AND OF REPAIR TIME TO  
PRODUCTION

113  
December, 1930

December 17, 1930.

RELATION OF PERSONAL TIME AND OF REPAIR TIME TO PRODUCTION.

The accompanying tabulations and charts are a study of the relation of two factors, personal time and repair time to production. The tabulations, pages 2A and 2F, are an arrangement by periods of the average hourly output, of the average daily personal time, and of the average weekly repair time for the group and the individual operators. Charts 3A to 3C are a graphical presentation of the variation of average hourly output and average daily personal time by periods of the test, and pages 4A to 4C are graphs showing average hourly output compared with average weekly repair time by periods.

There is an indication of a negative correlation between average personal time and average hourly output (chart 3A) for the group. The average daily personal time during periods two and three was relatively high while production was at its lowest level. During periods four and five personal time decreased with the introduction of rest periods while production increased. A definite drop in personal time is noted in period number six (six five minute rests); a feature which would be expected to show this trend. Period number seven shows a marked increase in personal time with the average hourly output remaining fairly consistent. This increase in personal time is probably a reaction to the grouping of rest pauses with one period in the morning and one in the afternoon. However, the continuation of this type of rest pause, fifteen minutes in the A.M. and ten minutes

**DON'T DISCLOSE IDENTITIES**

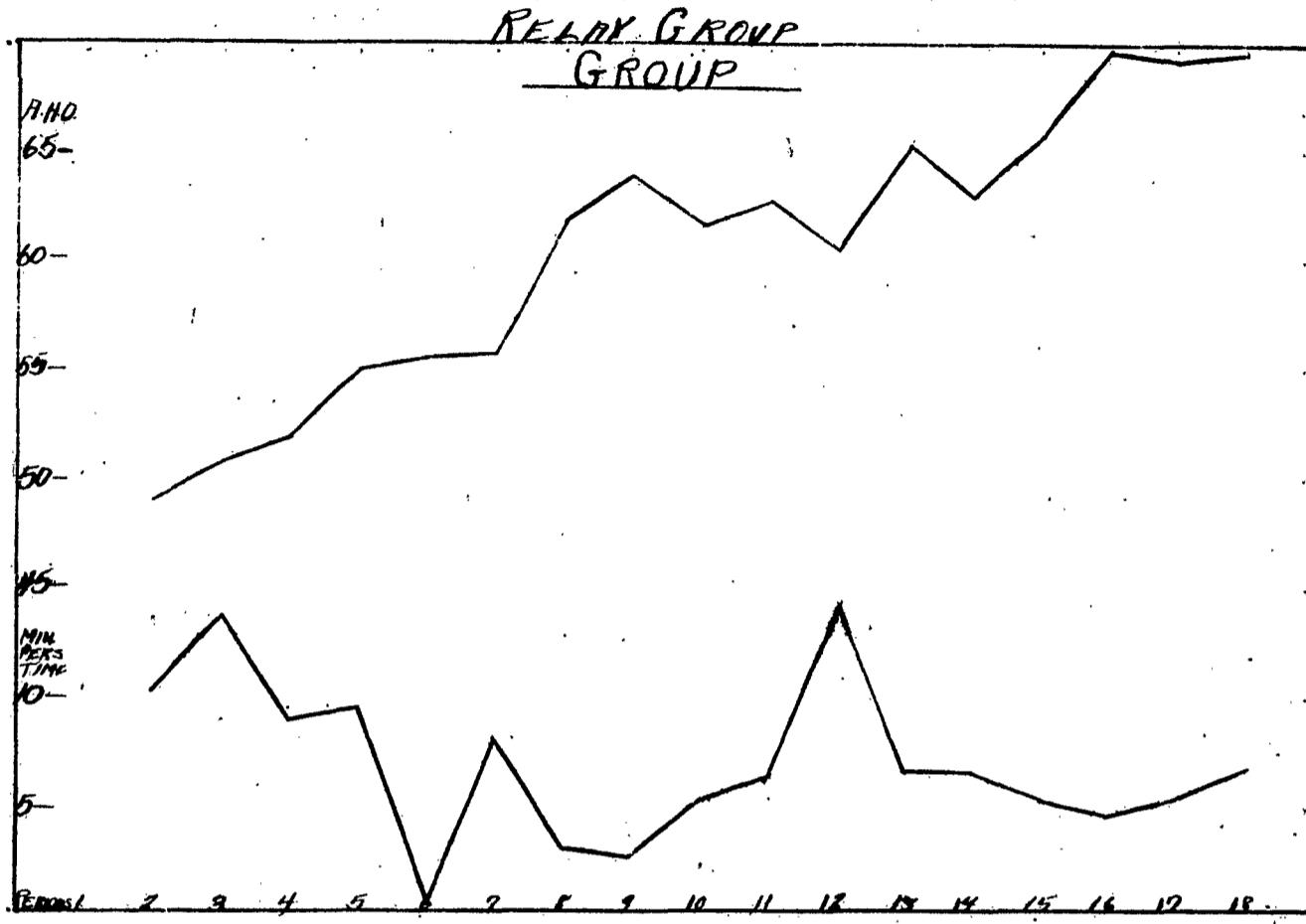
From the beginning of these studies, the identities of the persons under study have been kept confidential. We look to you to carry on this trust. Please guard the privacy of the persons involved by substituting fictitious names, or code symbols for real names.

in the P.M., has resulted in a decrease in personal time. In fact, during all of the periods having this feature, the amount of personal time required has been less than during the period seven. Periods eight and nine with shorter days have a low figure which increases somewhat in periods ten and eleven, both of which are full day features with rest pauses. Production declined during period ten and rose slightly during period eleven. Probably the most significant observation of this study is the great increase in personal time during the period twelve (no rests forty-eight hours). The personal time required in this period is higher than in any other feature and production declined appreciably. During periods thirteen, fourteen, fifteen, and sixteen, full day features with rests, personal time declined sharply while production rose in period thirteen, declined slightly in fourteen and rose again in period fifteen and sixteen. Production during periods seventeen (4:15 stop feature) and eighteen (4:15 stop and Fri. P.M. off), maintained the level established in period sixteen. Personal time increased in period seventeen and increased again in period eighteen.

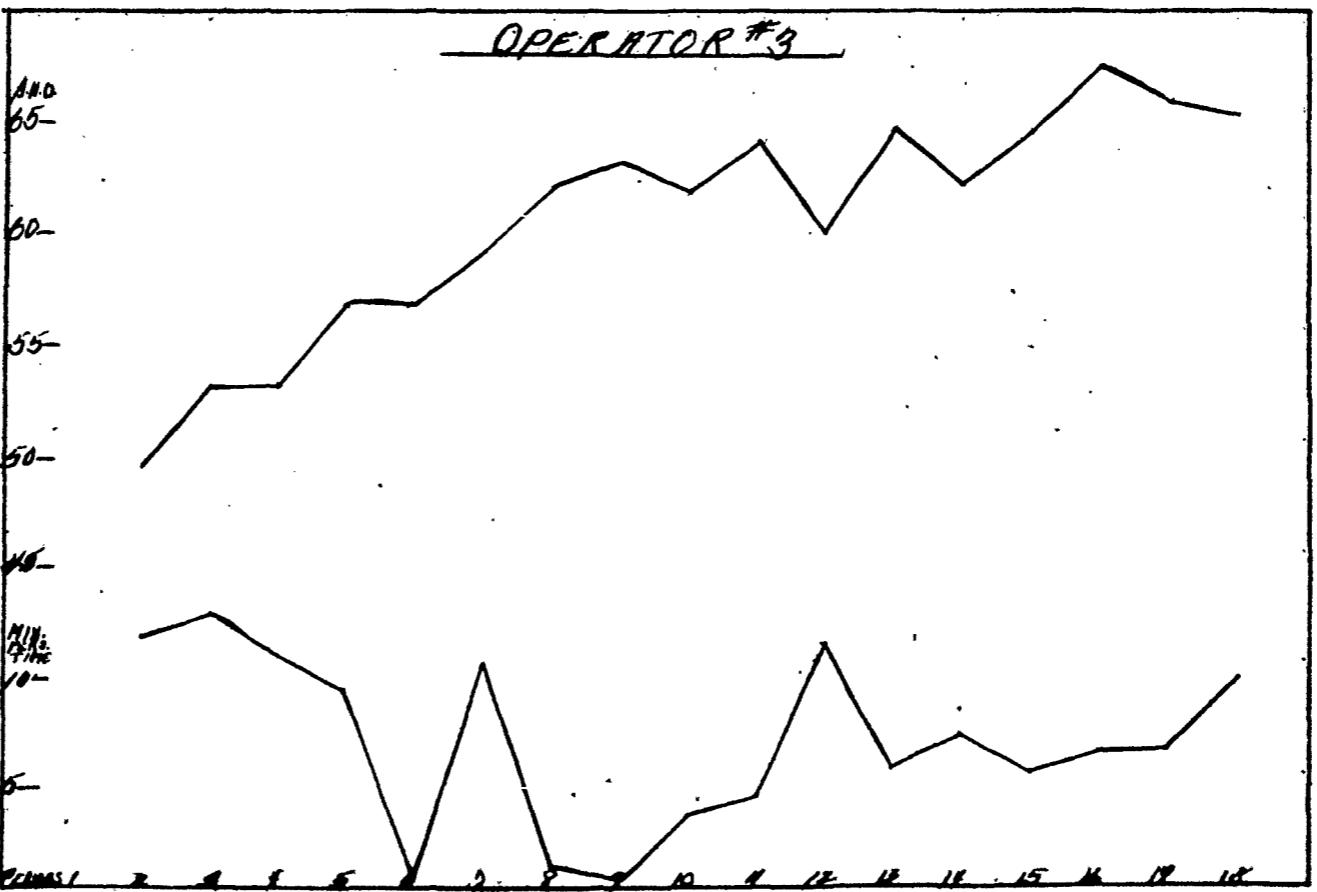
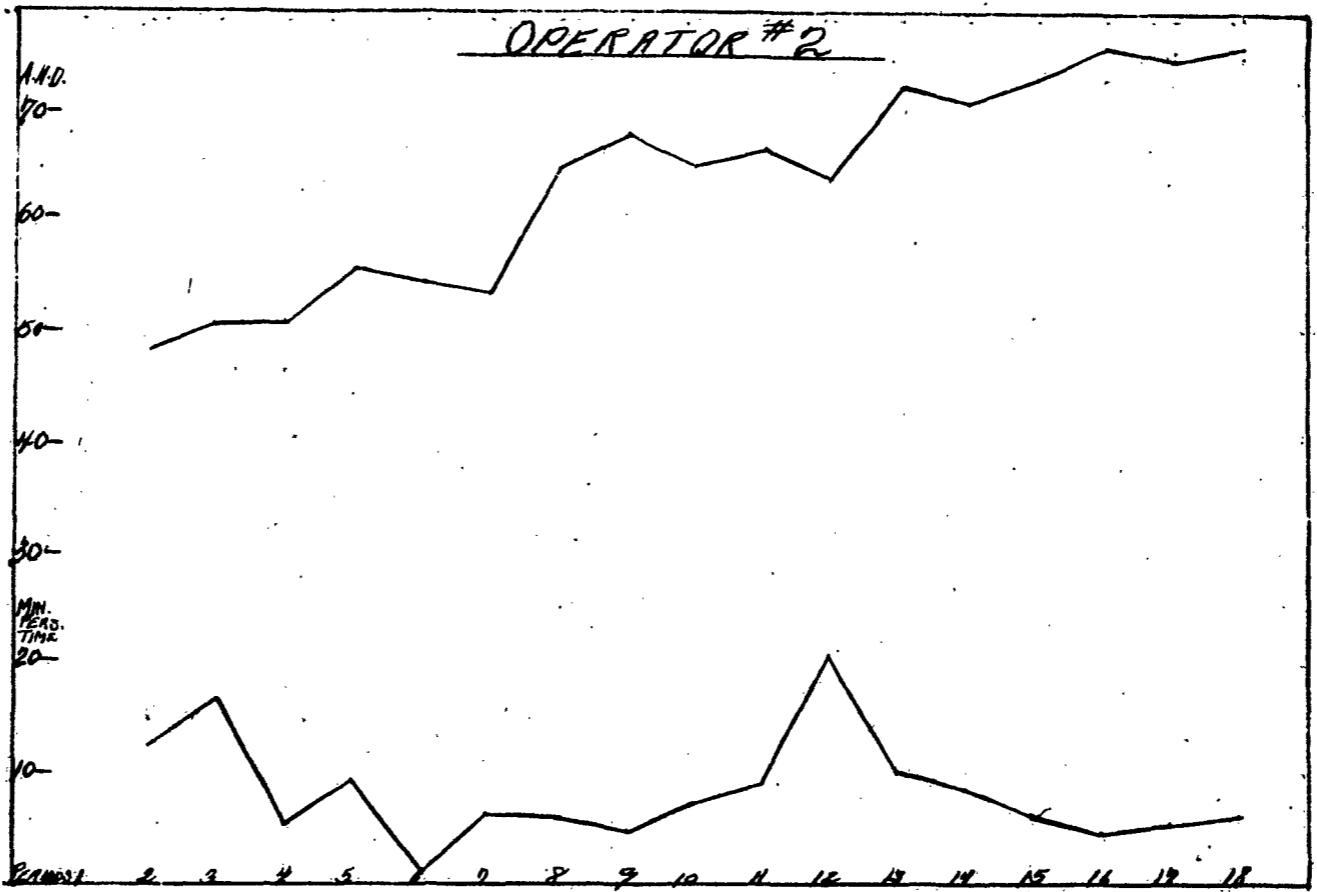
A comparison of weekly repair time with average hourly output (chart 4A) indicates that there is probably very little correlation between repair time and production. The difference in the amount of repair time required in each of the periods is not due to the feature but to the quality of piece parts which were received for assembling. There seems to be no tendency for the amount of repair time to affect output. The tremendous increase in repair time during periods fourteen and fifteen did not appreciably affect the output of the operators during these periods.

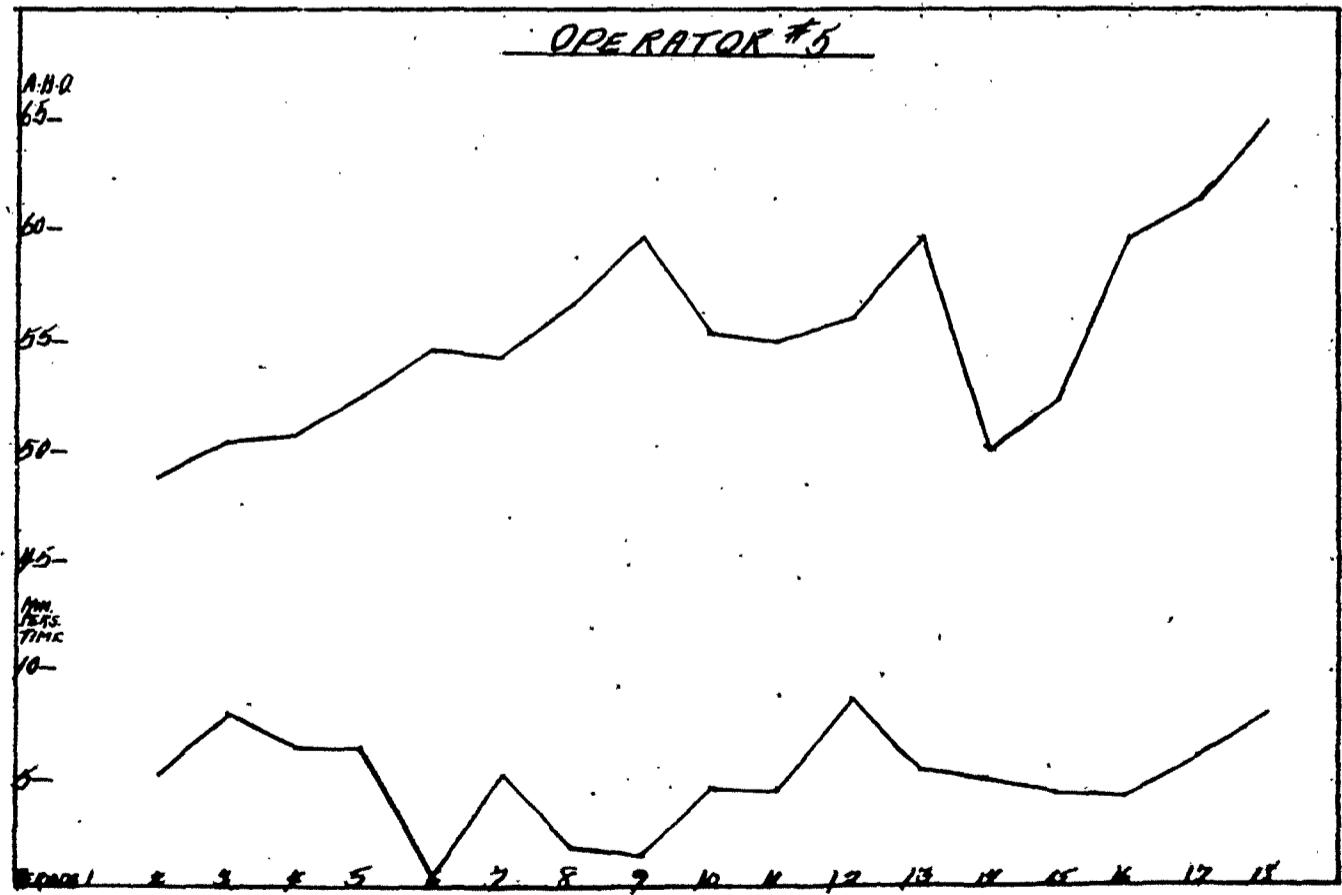
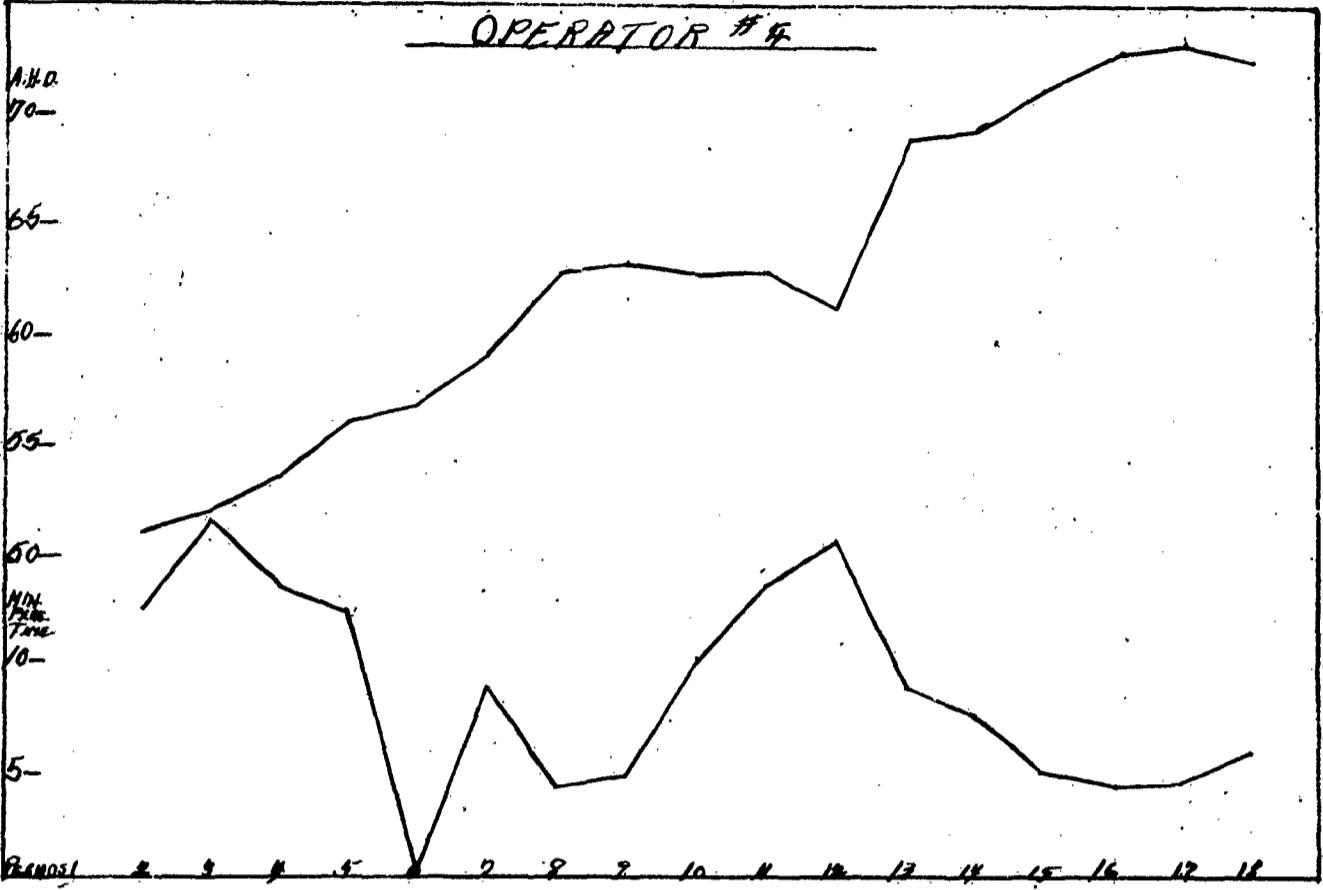
Section 6088-3A.

COMPARISON OF AVERAGE HOURLY OUTPUT AND DAILY PERSONAL TIME



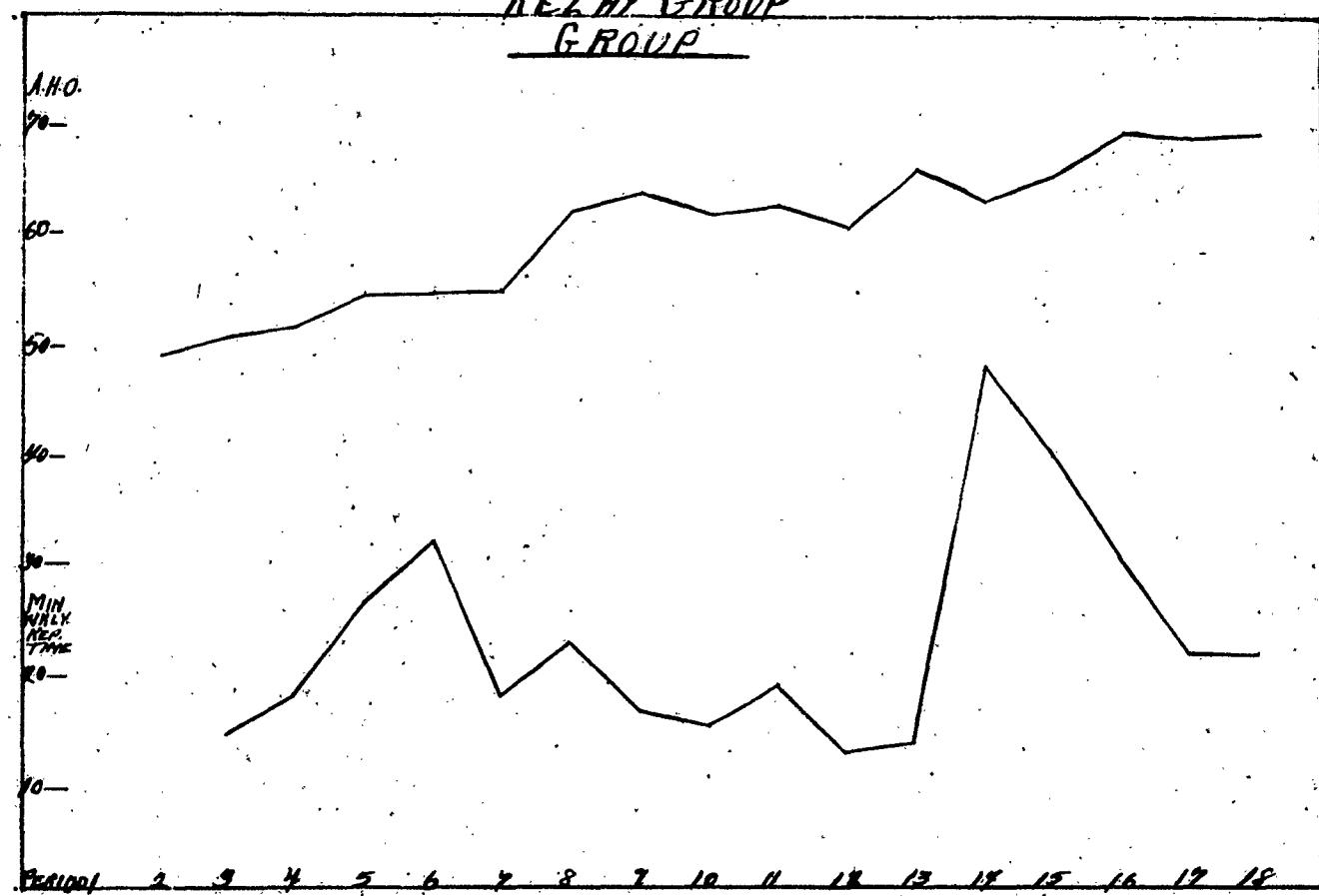
OPERATOR #1



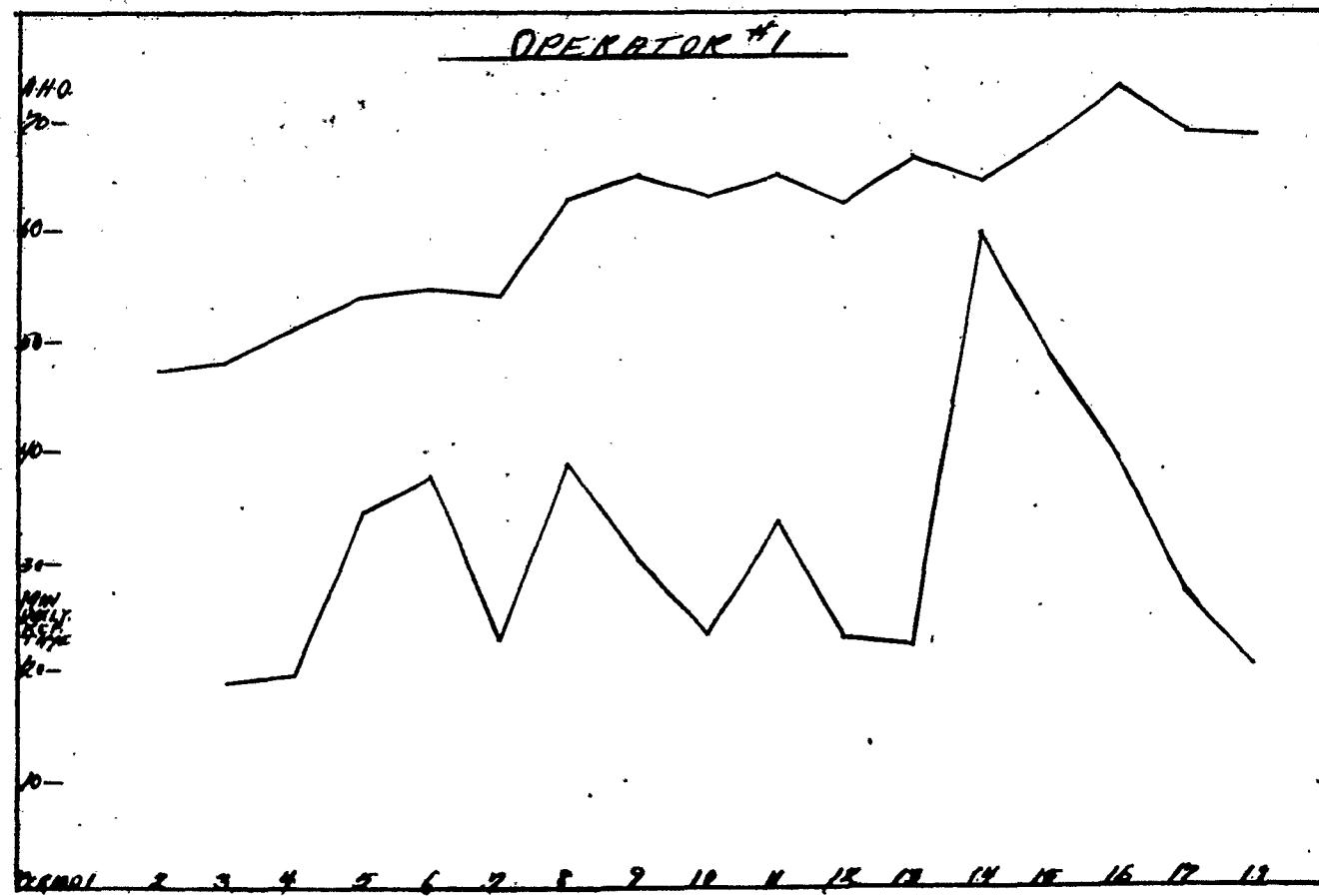


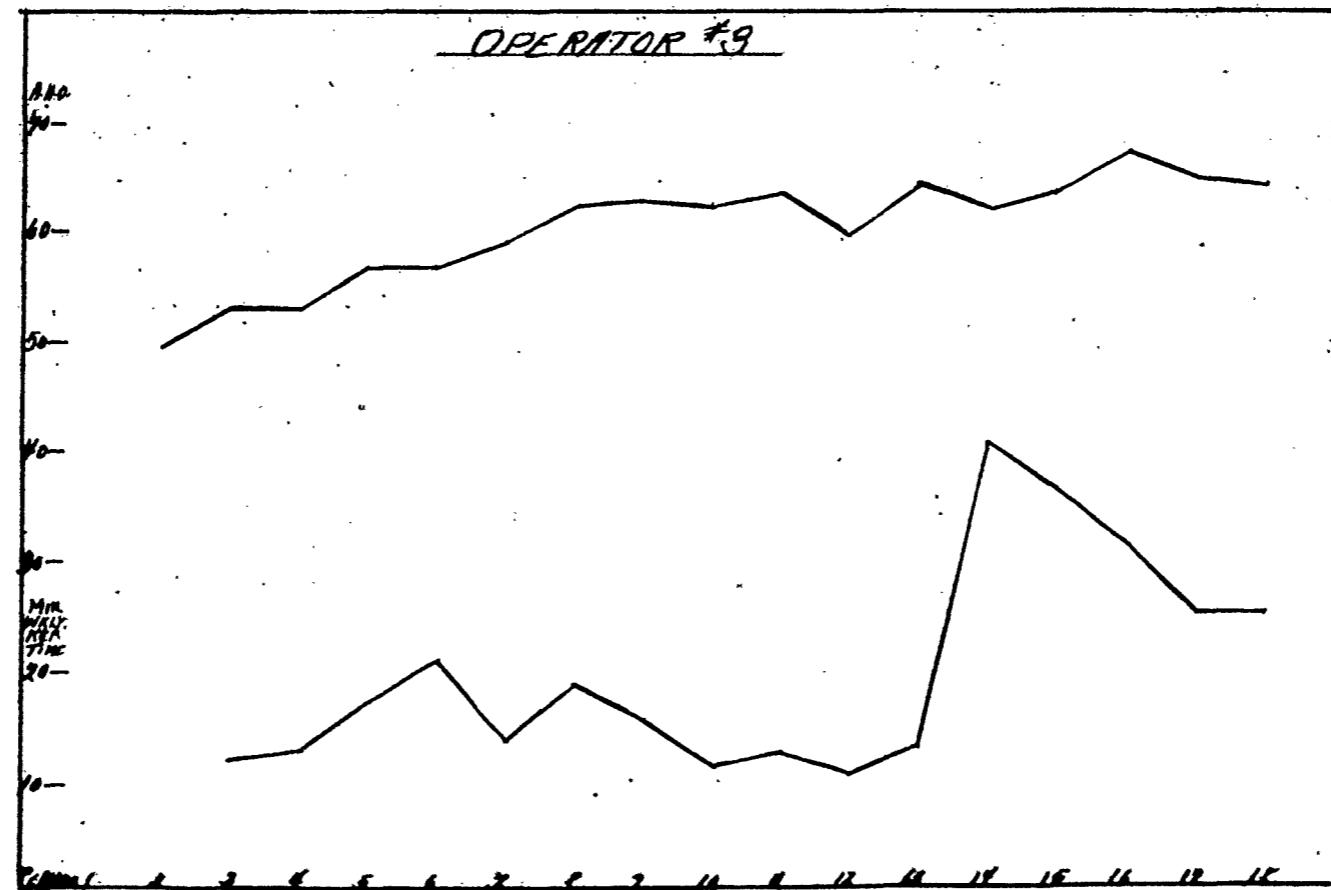
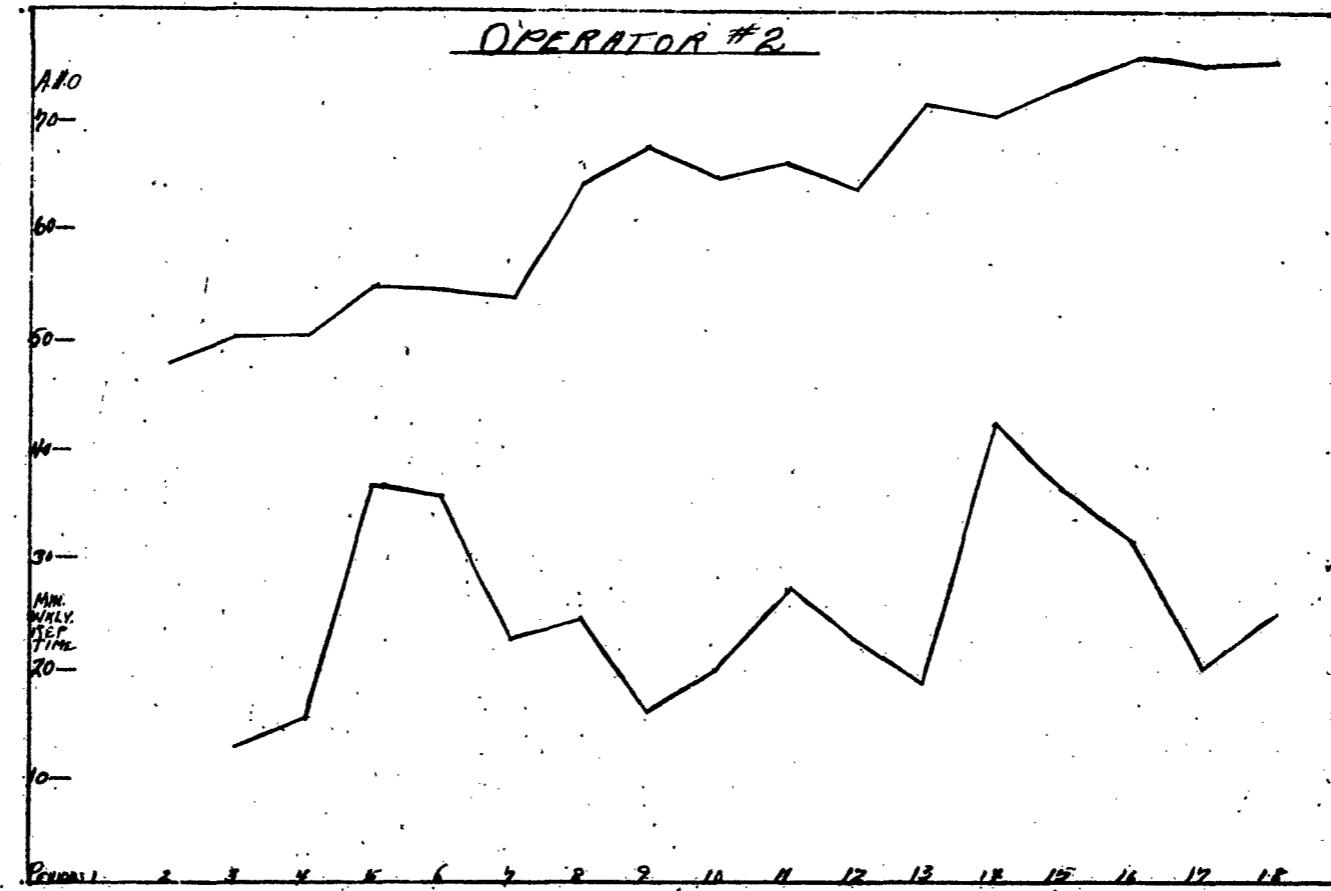
COMPARISON OF AVERAGE HOURLY OUTPUT AND TOTAL WEEKLY REPAIR TIME

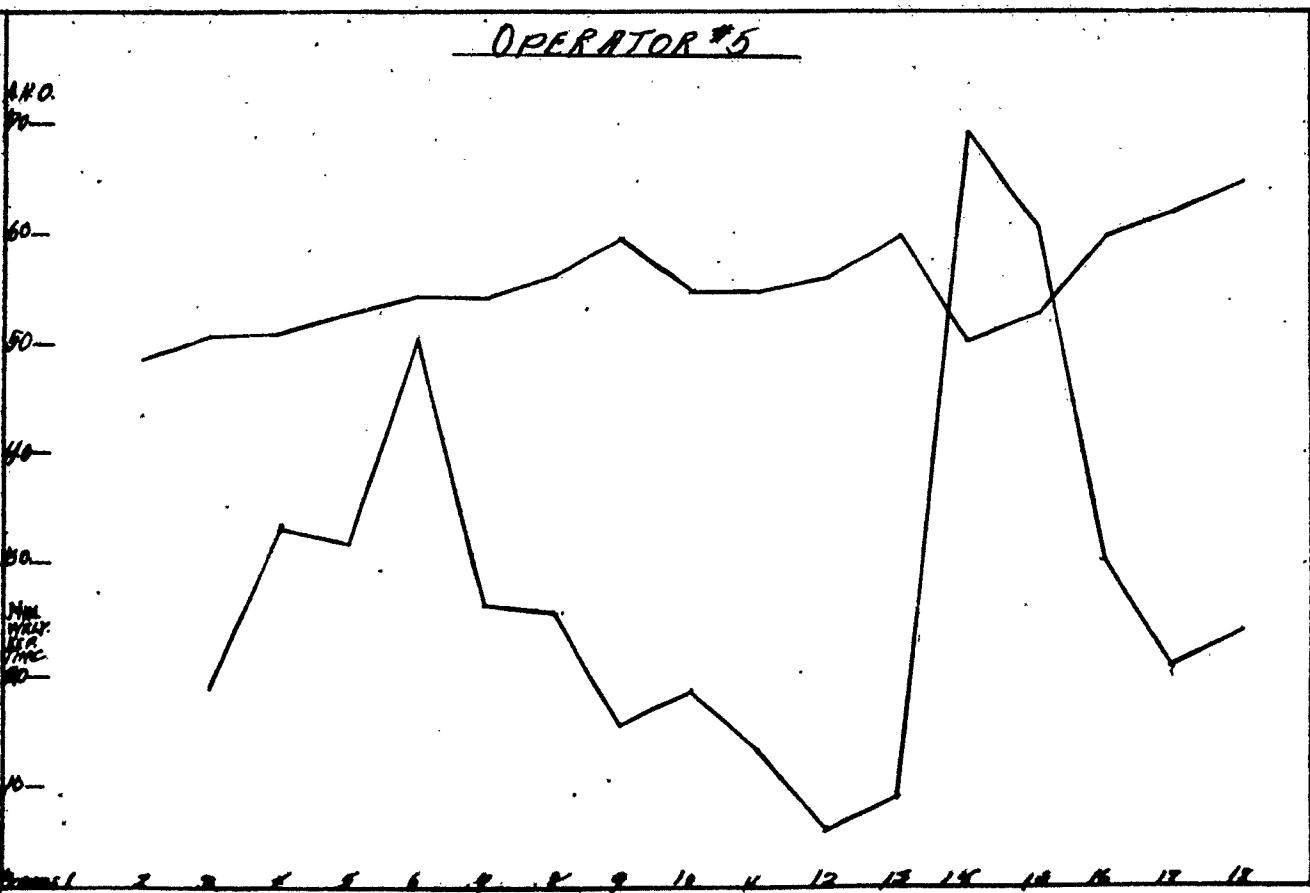
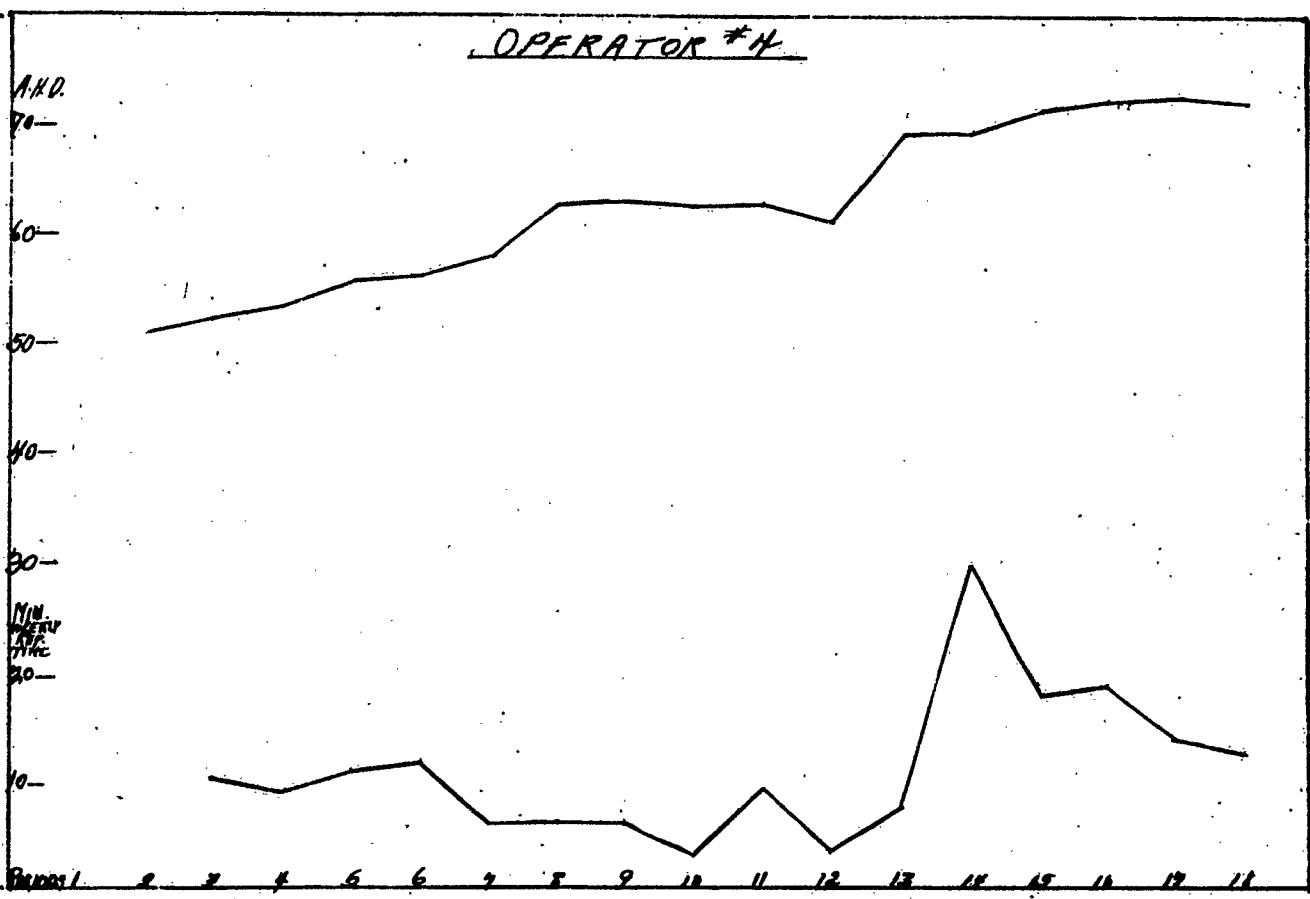
RELAY GROUP  
GROUP



OPERATOR #1







Open  
#1

**UNIVERSITY OF WISCONSIN - MILWAUKEE**

TOTAL PERSONAL TIME

PERIODS	TOTAL TIME	AVERAGE PER DAY	
PERIOD No. 2	210 MIN.	10.0 MIN.	
PERIOD No. 3	591 "	13.7 "	
PERIOD No. 4	232.5 "	8.8 "	
PERIOD No. 5	215.5 "	9.8 "	
PERIOD No. 6	:06 "	.3 "	
PERIOD No. 7	628.5 "	11.4 "	
PERIOD No. 8	18.5 "	.5 "	NEW OPERATOR
PERIOD No. 9	- "	- "	
PERIOD No. 10	11.5 "	2 "	
PERIOD No. 11	- "	- "	
PERIOD No. 12	982.5 "	15.0 "	
PERIOD No. 13	831 "	5.0 "	
PERIOD No. 14	212.5 "	6.1 "	
PERIOD No. 15	846 "	5.1 "	
PERIOD No. 16	84 "	3.9 "	
PERIOD No. 17	502 "	4.6 "	
PERIOD No. 18	367 "	6.3 "	

A.M. PERSONAL TIME OUT			AVERAGE PER DAY
PERIODS	TOTAL TIME		
PERIOD No. 2	123 MIN.		5.1 MIN.
PERIOD No. 3	366		7.8
PERIOD No. 4	129		4.4
PERIOD No. 5	117.5		4.9
PERIOD No. 6	—		—
PERIOD No. 7	361.5		6.1
PERIOD No. 8	16.5		.4
PERIOD No. 9	—		—
PERIOD No. 10	1.5		.02
PERIOD No. 11	—		—
PERIOD No. 12	591.5		8.3
PERIOD No. 13	740		4.1
PERIOD No. 14	139		4.0
PERIOD No. 15	355.5		2.0
PERIOD No. 16	18		.8
PERIOD No. 17	40		.4
PERIOD No. 18	96		1.7

A.M. PERSONAL TIME OUT

PERIODS	TOTAL TIME	AVERAGE PER DAY
PERIOD No.19	145 MIN.	.9 MIN.
PERIOD No.20	78 "	.7 "
PERIOD No.21	3 "	.3 "
PERIOD No.22	17 "	.4 "

P.M. PERSONAL TIME OUT

PERIODS	TOTAL TIME	AVERAGE PER DAY
PERIOD No. 2	87 MIN.	4.7 MIN.
PERIOD No. 3	22.5 "	5.8 "
PERIOD No. 4	103.5 "	4.3 "
PERIOD No. 5	98 "	4.9 "
PERIOD No. 6	.06 "	.3 "
PERIOD No. 7	267 "	5.3 "
PERIOD No. 8	2 "	.1 "
PERIOD No. 9	- "	- "
PERIOD No. 10	10.5 "	1.8 "
PERIOD No. 11	- "	- "
PERIOD No. 12	391 "	6.6 "
PERIOD No. 13	91 "	.7 "
PERIOD No. 14	73.5 "	2.0 "
PERIOD No. 15	490.5 "	3.3 "
PERIOD No. 16	66 "	3.3 "
PERIOD No. 17	462 "	4.0 "
PERIOD No. 18	271 "	4.7 "

P.M. PERSONAL TIME OUT

SHEET No. 1

OPERATOR #1

PERSONAL TIME OUT - A.M.

	DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
PERIOD	5-16-27	:08	6-29-27	:04	8-10-27	:03	9-22-27	:04½
No. 2	5-17-27	:07	6-30-27	:07	8-11-27	:04	9-23-27	:02½
	5-18-27	:05	7-1-27	:11	8-12-27	:04	9-24-27	:07½
	5-19-27	:04	7-2-27	:07	8-13-27	:05	9-25-27	:05
	5-20-27	:05	7-3-27	:06	8-15-27	:04	9-27-27	:07
	5-21-27	:05	7-6-27	:08	8-16-27	:04	9-28-27	:04½
	5-23-27	:11	7-7-27	:07	8-17-27	:04	9-29-27	:05½
	5-24-27	:09	7-8-27	:06	8-18-27	:03	9-30-27	:02½
	5-25-27	:09	7-9-27	:15	8-19-27	:05	10-3-27	:08
	5-26-27	:05	7-11-27	:11	8-20-27	:03	10-4-27	:04½
	5-27-27	:11	7-12-27	:11	8-22-27	:03	10-5-27	:05
	6-1-27	:08	7-13-27	:10	8-23-27	:08	10-6-27	:04½
	6-2-27	:07	7-14-27	:06	8-24-27	:08	10-7-27	:07
	6-4-27	:06	7-15-27	:13	8-25-27	:03	10-8-27	:03½
	6-6-27	:04	7-16-27	:09	8-26-27	:06	10-27-27	:06
	6-7-27	:07	7-18-27	:05	8-27-27	:04	PERIOD	11-7-27 :05
	6-8-27	:08	7-19-27	:10	8-30-27	:10	No. 7	11-8-27 :06
	6-9-27	:06	7-20-27	:09	8-31-27	:05		11-9-27 :06
	6-10-27	:05	7-21-27	:11	9-1-27	:06		11-10-27 :06½
	6-11-27	:04	7-22-27	:08	9-2-27	:01½		11-11-27 :07
PERIOD	6-13-27	:05	7-23-27	:11	9-6-27	:04		11-15-27 :10½
No. 3	6-14-27	:04	7-25-27	:09	9-7-27	:05		11-16-27 :06
	6-15-27	:04	7-26-27	:06	9-8-27	:05		11-17-27 :07
	6-16-27	:04	7-27-27	:16	9-9-27	:05		11-18-27 :07
	6-17-27	:06	7-28-27	:11	9-10-27	:06½		11-19-27 :05
	6-18-27	:07	7-29-27	:08	PERIOD	9-12-27 :03		11-28-27 :14½
	6-20-27	:07	8-1-27	:05	No. 5	9-13-27 :02		12-5-27 :10
	6-21-27	:05	8-2-27	:11	9-14-27	:05½		12-6-27 :09
	6-22-27	:07	8-3-27	:07	9-15-27	:06		12-7-27 :06
	6-23-27	:05	8-4-27	:01	9-16-27	:06		12-8-27 :06
	6-24-27	:13	8-5-27	:08	9-17-27	:05		12-9-27 :04
	6-25-27	:05	8-6-27	:06	9-18-27	:03		12-10-27 :08
	6-27-27	:08	PERIOD	8-8-27 :04		9-20-27 :04		12-12-27 :09
	6-28-27	:13	No. 4	8-9-27 :03		9-21-27 :01½		12-13-27 :08

SHEET NO. 2

OPERATOR #1

PERSONAL TIME OUT - A.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
12-14-27	:06	9-6-28	:08	10-16-28	:10	11-24-27	:13
12-15-27	:08½	9-7-28	:07	10-17-28	:08	PERIOD 4-26-28	:06
12-16-27	:06	9-8-28	:07	10-18-28	:08	No 13	11-27-28 :06
12-17-27	:07	9-10-28	:07½	10-19-28	:08		11-28-28 :08
12-19-27	:13	9-11-28	:07	10-20-28	:05		11-30-28 :07
12-20-27	:09	9-12-28	:08	10-22-28	:08		12-1-28 :06
12-21-27	:05	9-13-28	:06	10-23-28	:09		12-3-28 :06
12-22-27	:10	9-14-28	:07	10-24-28	:12		12-4-28 :08
12-23-27	:06	9-15-28	:09½	10-25-28	:08		12-5-28 :08
12-27-27	:08	9-17-28	:07	10-26-28	:10		12-6-28 :07
12-28-27	:09	9-18-28	:05	10-27-28	:08		12-7-28 :08
12-29-27	:05	9-19-28	:06	10-29-28	:08		12-8-28 :07
12-30-27	:05	9-20-28	:06	10-30-28	:09		12-13-28 :07
1-3-28	:07½	9-21-28	:09	10-31-28	:09		12-14-28 :07
1-4-28	:07½	9-22-28	:06	11-1-28	:10		12-16-28 :06
1-5-28	:06½	9-24-28	:07	11-2-28	:10		12-18-28 :07
1-6-28	:07	9-25-28	:07	11-3-28	:09		12-19-28 :06
1-7-28	:08	9-26-28	:09	11-5-28	:09½		12-20-28 :08
1-9-28	:06	9-27-28	:07	11-6-28	:08		12-21-28 :07
1-10-28	:07½	9-28-28	:06	11-7-28	:09½		12-24-28 :06
1-11-28	:07	9-29-28	:07	11-8-28	:08		12-26-28 :07
1-12-28	:05½	10-1-28	:07	11-9-28	:10		12-27-28 :07
1-13-28	:07	10-2-28	:07	11-10-28	:10		12-28-28 :07
1-14-28	:10	10-3-28	:07	11-12-28	:09		12-31-28 :12
1-16-28	:13½	10-4-28	:07	11-13-28	:12		1-2-29 :08
1-17-28	:08	10-5-28	:07	11-14-28	:10		1-3-29 :12
1-18-28	:12	10-6-28	:07	11-15-28	:10		1-4-29 :18
1-20-28	:09½	10-8-28	:07	11-16-28	:09		1-5-29 :05
1-21-28	:06	10-9-28	:06	11-17-28	:08		1-7-29 :17
PERIOD No 8	1-23-28 :06½	10-10-28	:08	11-18-28	:09		1-8-29 :06
PERIOD No 10	1-24-28 :10	10-11-28	:18	11-20-28	:11½		1-9-29 :07
PERIOD No 12	1-2-28 :01½	10-12-28	:08½	11-21-28	:11		1-10-29 :08
	PERIOD 9-4-28 :07	10-13-28	:08	11-22-28	:13		1-11-29 :06
	PERIOD 9-5-28 :07½	10-15-28	:08	11-23-28	:11		1-12-29 :06

\*NEW OPER. 1-25-28

SHEET No. 3

OPERATOR #1

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
1-14-29	:06	2-21-29	:05	5-6-29	:03	6-25-29	:05
1-15-29	:08	3-22-29	:04	5-7-29	:03	6-26-29	:04
1-16-29	:09	3-23-29	:04	5-8-29	:03	6-27-29	:05
1-18-29	:07	3-26-29	:05	5-9-29	:04	6-28-29	:03
1-19-29	:07	3-27-29	:04	5-13-29	:04	PERIOD	7-1-29 :05
1-21-29	:09	3-28-29	:03	5-15-29	:04	No. 14	7-2-29 :04
1-22-29	:07	3-29-29	:03	5-16-29	:03	7-3-29	:04
1-23-29	:07	3-30-29	:05	5-17-29	:05	7-5-29	:02
1-24-29	:08	4-1-29	:04½	5-20-29	:05	7-9-29	:03
1-25-29	:08	4-2-29	:03	5-21-29	:04	7-10-29	:04
1-26-29	:04	4-3-29	:04	5-22-29	:05	7-11-29	:05
1-28-29	:06	4-4-29	:03	5-23-29	:04	7-12-29	:04
1-29-29	:06	4-5-29	:04	5-24-29	:05	TWO WEEKS	
1-30-29	:08	4-6-29	:06	5-25-29	:03	VACATION	
1-31-29	:07	4-8-29	:03	5-27-29	:05	7-29-29	:03½
2-1-29	:05	4-9-29	:05½	5-28-29	:04	7-30-29	:04
2-2-29	:06	4-10-29	:04	5-29-29	:03	7-31-29	:04
2-4-29	:05	4-11-29	:05	5-31-29	:04	8-1-29	:04
2-5-29	:05	4-12-29	:02½	6-3-29	:05	8-2-29	:04
2-6-29	:16	4-15-29	:05	6-4-29	:05	8-5-29	:04
2-7-29	:05	4-16-29	:03	6-5-29	:04	8-6-29	:04
2-7-29	:05	4-17-29	:03	6-6-29	:03	8-7-29	:05
2-8-29	:08	4-18-29	:05	6-7-29	:05	8-9-29	:04
2-12-29	:06	4-19-29	:04	6-10-29	:03	8-9-29	:05
2-13-29	:06	4-22-29	:04	6-11-29	:03	8-12-29	:04
2-14-29	:08	4-23-29	:04	6-12-29	:04	8-13-29	:05
2-15-29	:08	4-24-29	:03	6-13-29	:03	8-14-29	:05
2-16-29	:05	4-25-29	:06	6-14-29	:05	8-15-29	:04
3-2-29	:06	4-26-29	:04	6-15-29	:03	8-16-29	:04
3-14-29	:04	4-29-29	:04	6-17-29	:05	8-19-29	:04
3-15-29	:04	4-30-29	:04	6-18-29	:05½	8-20-29	:05
3-18-29	:05	5-1-29	:04	6-20-29	:05	8-21-29	:04
3-19-29	:02	5-2-29	:04	6-21-29	:04	8-22-29	:05
3-20-29	:05	5-3-29	:03	6-22-29	:04	8-23-29	:05

SHEET No. 4

OPERATOR #1

PERSONAL TIME OUT - P.M.

	TIME		TIME		TIME		TIME		
DATE	OUT		DATE	OUT	DATE	OUT	DATE	OUT	
8-26-29	:04		10-7-29	:02	11-16-29	:03	4-5-30	:03	
8-27-29	:04		10-8-29	:03	11-18-29	:02	PERIOD 4-12-30	:03	
8-28-29	:04		10-9-29	:04	11-19-29	:03½	No. 16 4-23-30	:05	
8-29-29	:03½		10-10-29	:04	11-20-29	:05	4-26-30	:03	
8-30-29	:05		10-11-29	:04	11-21-29	:02	4-30-30	:05	
PERIOD No. 15	9-3-29	:03		10-12-29	:04	11-22-29	:03	5-3-30	:02
	9-4-29	:04		10-13-29	:04	11-23-29	:02	PERIOD 5-29-30	:04
	9-5-29	:03		10-14-29	:03	11-25-29	:03½	No. 17 5-9-30	:06
	9-6-29	:03		10-15-29	:03½	11-26-29	:03		
	9-7-29	:05		10-17-29	:04	11-27-29	:03		
	9-8-29	:04		10-18-29	:03	11-28-29	:02	7-20-30	:04
	9-10-29	:03		10-19-29	:03	12-2-29	:04	8-6-30	:04
	9-11-29	:04		10-21-29	:03½	12-7-29	:04½	8-20-30	:04
	9-12-29	:04		10-22-29	:02½	12-8-29	:05	9-3-30	:04
	9-13-29	:04		10-23-29	:04	12-13-29	:04	9-10-30	:02
	9-14-29	:03		10-24-29	:03	12-14-29	:05	9-17-30	:02
	9-16-29	:02½		10-25-29	:03	12-15-29	:02	9-24-30	:03
	9-17-29	:02		10-26-29	:05½	12-21-29	:03	10-1-30	:03
	9-18-29	:02½		10-28-29	:01½	1-4-30	:04	10-8-30	:02
	9-19-29	:05		10-29-29	:04	1-11-30	:05	10-15-30	:02
	9-20-29	:04½		10-30-29	:02	1-18-30	:05	PERIOD 10-29-31	:03
	9-21-29	:03		10-31-29	:02	1-25-30	:06	No. 18 10-31-31	:04
	9-23-29	:03		11-1-29	:04	2-1-30	:05	4-5-30	:03
	9-24-29	:02		11-2-29	:06	2-8-30	:03	11-7-30	:05
	9-25-29	:04		11-4-29	:05	2-8-30	:03	11-12-30	:03
	9-26-29	:03		11-5-29	:03	2-15-30	:04	11-18-30	:05
	9-27-29	:04		11-6-29	:02	2-22-30	:03	11-19-30	:03
	9-28-29	:04		11-7-29	:04½	3-1-30	:05	11-25-30	:05
	9-30-29	:04		11-8-29	:04	3-8-30	:04	11-26-30	:05
	10-1-29	:05		11-10-29	:13	3-10-30	:07	12-3-30	:07
	10-2-29	:03½		11-12-29	:03	3-15-30	:04	12-10-30	:09
	10-3-29	:04		11-13-29	:05	3-18-30	:03	12-12-30	:09
	10-4-29	:03		11-14-29	:03	3-22-30	:03	12-17-30	:03
	10-5-29	:03		11-15-29	:03	3-27-30	:05	1-7-31	:03

SHEET No. 5

OPERATOR #1

PERSONAL TIME OUT - A.M.

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
DATE	OUT	DATE	OUT	DATE	OUT	DATE	OUT
1-14-31	:06	5-13-31	:04	12-16-31	:02		
1-16-31	:06	5-15-31	:04	1-26-32	:03		
1-21-31	:04	5-20-31	:04	1-20-32	:03		
1-23-31	:07	5-22-31	:05	1-27-32	:03		
1-28-31	:04	PERIOD 5-27-31	:04	2-3-32	:02		
1-30-31	:06	No. 20 6-3-31	:03	PERIOD 2-10-32	:02		
2-1-31	:04	6-4-31	:03	No. 23 2-17-32	:02		
2-6-31	:05	6-8-31	:02	2-24-32	:02		
PERIOD 2-11-31	:06	6-10-31	:04				
No. 19 2-13-31	:06	6-15-31	:03				
2-18-31	:06	6-17-31	:03				
2-20-31	:10	6-18-31	:04				
2-23-31	:04	6-24-31	:04				
2-27-31	:06	7-8-31	:03				
3-4-31	:05	TWO WEEKS					
3-6-31	:06	VACATION					
3-11-31	:04	7-29-31	:04				
3-18-31	:05	8-12-31	:03				
3-18-31	:05	8-19-31	:03				
3-20-31	:17	8-24-31	:04				
3-25-31	:04	8-26-31	:03				
3-27-31	:04	9-2-31	:04				
4-1-31	:04	9-9-31	:04				
4-2-31	:03	9-16-31	:13				
4-8-31	:04	9-23-31	:04				
4-10-31	:04	9-30-31	:02				
4-15-31	:04	10-7-31	:02				
4-17-31	:05	10-14-31	:03				
4-22-31	:05	10-21-31	:03				
4-24-31	:04	*					
4-27-31	:04	10-28-31	:01				
5-1-31	:04	11-4-31	:02				
5-6-31	:04	PERIOD 11-18-31	:01				
5-8-31	:05	No. 21 12-2-31	:02				
		PERIOD 12-9-31	:14				

\* Please submit all off duty shifts for comment

\*

~~1st~~ Insp. Oct. 21/29

Evelyn - 11-25-29

open	End Days.	No. of Days.	Total <del>Time</del> Per Day	Aver. Per Day.
1	20	114	504	4.4 ✓
	21	12	44	3.7 ✓
	22	42	154	3.7 ✓
2	20	113	571	5.1 ✓
	21	12	56	4.7 ✓
	22	39	142	3.6 ✓
3	20	114	767	6.7 ✓
	21	12	74	6.2 ✓
	22	42	213	5.1 ✓
4	20	114	721	6.3 ✓
	21	12	66	5.5 ✓
	22	42	223	5.3 ✓
5	20	103	576	5.6 ✓
	21	12	70	5.8 ✓
	22	41 1/2	235	5.7 ✓
	20			

SHEET NO. 1

OPERATOR #1

PERSONAL TIME OUT - P.M.

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
DATE	OUT	DATE	OUT	DATE	OUT	DATE	OUT
PERIOD 5-17-27 .05							
No. 2 5-18-27	.03	7-13-27	.06	8-31-27	.04	12-6-27	.07
5-19-27	.04	7-14-27	.06	9-1-27	.03	12-7-27	.07½
5-20-27	.06	7-15-27	.06	9-2-27	.06½	12-8-27	.10
5-23-27	.05	7-18-27	.10	9-6-27	.03	12-12-27	.07½
5-25-27	.06	7-20-27	.09	9-8-27	.03½	12-14-27	.08½
5-26-27	.11	7-21-27	.07	PERIOD 8-12-27	.07½	12-16-27	.08
5-27-27	.05	7-22-27	.04	No. 5 9-13-27	.10	12-17-27	.05½
6-3-27	.07	7-25-27	.07	9-14-27	.06½	12-20-27	.06
6-6-27	.06	7-26-27	.10	9-15-27	.08	12-21-27	.09
6-7-27	.05	7-27-27	.08	9-16-27	.02	12-22-27	.07½
6-8-27	.09	7-28-27	.07	9-19-27	.04	12-23-27	.06
6-9-27	.07	7-29-27	.06	9-20-27	.06	12-27-27	.08
6-10-27	.08	7-31-27	.06	9-21-27	.03½	12-29-27	.11
PERIOD 6-13-27 .06							
No. 3 6-14-27	.04	8-2-27	.07	9-22-27	.02½	12-29-27	.07½
6-15-27	.05	8-3-27	.06	9-25-27	.02½	12-30-27	.11
6-16-27	.07	PERIOD 8-8-27	.14	9-27-27	.08½	1-3-28	.07½
6-19-27	.06	No. A 8-9-27	.06	9-28-27	.06½	1-4-28	.07
6-20-27	.08	8-10-27	.03	9-29-27	.07	1-5-28	.08½
6-21-27	.05	8-11-27	.05	9-30-27	.03	1-6-28	.06
6-23-27	.05	8-12-27	.04	10-3-27	.03	1-9-28	.05½
6-24-27	.04	8-15-27	.04	10-4-27	.06½	1-10-28	.08
6-27-27	.05	8-16-27	.04	10-5-27	.03½	1-11-28	.05
6-28-27	.05	8-17-27	.04	10-6-27	.02½	1-12-28	.07
6-29-27	.07	8-18-27	.09½	PERIOD 11-7-27	.06	1-16-28	.08½
6-30-27	.08	8-19-27	.05	No. 7 11-8-27	.06½	1-17-28	.06
7-1-27	.06	8-22-27	.05	11-9-27	.04	1-18-28	.10
7-5-27	.05	8-23-27	.06	11-10-27	.06	1-20-28	.04
7-6-27	.14	8-24-27	.03	11-15-27	.06	PERIOD 9-7-28	.02
7-7-27	.06	8-25-27	.04	11-16-27	.06	No. 10 9-10-28	.06½
7-8-27	.04	8-26-27	.04	11-17-27	.04½	9-11-28	.03
7-11-27	.04	8-29-27	.03	11-18-27	.06	PERIOD 9-4-28	.08
7-12-27	.06	8-30-27	.05	12-5-28	.06	No. 12 9-5-28	.04½

SHEET No. 2

OPERATOR #1

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
9-6-28	:05	10-26-28	:07	5-14-29	:02	9-16-29	:04
9-7-28	:02½	10-27-28	:08	5-23-29	:07	9-17-29	:04
9-10-28	:07	10-30-28	:05	5-27-29	:03	9-19-29	:04
9-11-28	:06	9-2-28	:08	6-13-29	:02	9-20-29	:04
9-12-28	:04	11-5-28	:07	PERIOD	7-9-29 :04	9-23-29	:04
9-13-28	:07½	11-6-28	:08	10-14	7-11-29 :03	9-24-29	:02½
9-14-28	:05	11-7-28	:06	7-12-29	:05	9-26-29	:03
9-17-28	:05	11-8-28	:08	TWO WEEKS		9-27-29	:04
9-18-28	:08	11-9-28	:07	VACATION		9-30-29	:04
9-19-28	:06½	11-10-28	:07	7-29-29	:05	10-1-29	:03
9-20-28	:08	11-13-28	:08	7-30-29	:04	10-2-29	:02
9-24-28	:07	11-14-28	:08	7-31-29	:03	10-3-29	:04½
9-25-28	:06	11-15-28	:04½	8-1-29	:04	10-4-29	:02
9-27-28	:08	11-16-28	:06	8-2-29	:02	10-5-29	:02
9-28-28	:04	11-17-28	:12	8-5-29	:02	10-7-29	:03
10-1-28	:06	11-20-28	:09	8-7-29	:02	10-8-29	:03
10-2-28	:06	11-21-28	:08	8-8-29	:04	10-9-29	:04
10-3-28	:06	11-22-28	:09	8-9-29	:01½	10-10-29	:04
10-4-28	:08	11-23-28	:09½	8-14-29	:03	10-11-29	:03
10-5-28	:06	PERIOD	11-26-28 :05	8-16-29	:01	10-15-29	:04
10-8-28	:05	No. 13	11-27-28 :07	8-19-29	:03	10-16-29	:03
10-9-28	:07	12-10-28	:07	8-20-29	:02	10-17-29	:03
10-10-28	:03	12-14-28	:05	8-21-29	:05	10-18-29	:04½
10-11-28	:08	12-20-28	:07	8-23-29	:03	10-21-29	:04
10-12-28	:06	12-24-28	:09	8-27-29	:04	10-22-29	:04
10-15-28	:11	1-2-29	:06	8-28-29	:05	10-23-29	:05
10-16-28	:08	1-11-29	:02	8-29-29	:03	10-25-29	:05
10-17-28	:09	1-17-29	:07	8-30-29	:05	10-28-29	:04
10-18-28	:06	2-5-29	:04	PERIOD	9-4-29 :04½	10-29-29	:05
10-19-28	:08	3-11-29	:02	No. 15	9-5-29 :02	10-30-29	:05
10-22-28	:08	3-13-29	:03	9-6-29	:03	10-31-29	:04
10-23-28	:08	3-14-29	:05	9-7-29	:02	11-1-29	:04
10-24-28	:07	4-1-29	:05	9-10-29	:03	11-4-29	:03
10-25-28	:08	5-1-29	:05	9-19-29	:05	11-7-29	:04

SHEET No. 3

OPERATOR #1

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
1-8-29	:02	1-8-30	:04	2-26-30	:07	4-22-30	:03
1-11-29	:04	1-9-30	:05	2-27-30	:03	4-24-30	:04
1-12-29	:03	1-10-30	:04	2-28-30	:05	4-25-30	:03
1-14-29	:05	1-13-30	:04	3-3-30	:04	4-28-30	:02
1-15-29	:02	1-14-30	:06	3-4-30	:04	4-29-30	:05
1-18-29	:03	1-15-30	:04	3-5-30	:05	4-30-30	:03
1-20-29	:05	1-16-30	:03	3-6-30	:03	5-1-30	:04
1-21-29	:04	1-17-30	:04	3-7-30	:03	5-2-30	:01
1-22-29	:01	1-20-30	:03½	3-10-30	:04	PERIOD 5-2-30 :03	
1-25-29	:04	1-21-30	:03½	3-11-30	:05	No. 17	5-6-30 :03
1-27-29	:05	1-22-30	:05	3-12-30	:05	5-7-30	:04
1-2-29	:03	1-23-30	:05	3-14-30	:03	5-8-30	:05
1-3-29	:04	1-24-30	:03	3-17-30	:03	5-9-30	:05
1-4-29	:02	1-27-30	:02	3-18-30	:04	5-12-30	:10
1-5-29	:03	1-28-30	:03	3-20-30	:03	5-13-30	:04
1-6-29	:04	1-30-30	:05	3-21-30	:05	5-14-30	:03
1-7-29	:02	1-31-30	:04	3-24-30	:03	5-15-30	:04
1-10-29	:05	2-3-30	:14	3-26-30	:03	5-16-30	:04
1-11-29	:05	2-4-30	:04	3-28-30	:05	5-17-30	:04
1-12-29	:06	2-5-30	:05	3-31-30	:04	5-20-30	:04
1-13-29	:04	2-6-30	:03	4-1-30	:06	5-21-30	:04
1-16-29	:03	2-7-30	:04	4-3-30	:04	5-22-30	:03
1-17-29	:06	2-10-30	:03	4-4-30	:02	5-23-30	:04
1-18-29	:03	2-11-30	:03	PERIOD 4-7-30 :04		5-26-30	:05
1-23-29	:02	2-12-30	:03	No. 16	4-8-30 :03	5-27-30	:04
1-24-29	:04	2-13-30	:04	4-9-30	:03	5-28-30	:04
1-26-29	:04	2-14-30	:04	4-10-30	:02	5-29-30	:04
1-27-29	:04	2-17-30	:04	4-11-30	:03	6-2-30	:05
1-30-29	:03	2-18-30	:02	4-14-30	:05	6-3-30	:04
1-31-29	:04	2-19-30	:04	4-15-30	:04	6-4-30	:03
1-2-30	:04	2-20-30	:05	4-16-30	:04	6-5-30	:05
1-3-30	:02	2-21-30	:04	4-17-30	:04	6-6-30	:05
1-6-30	:04	2-24-30	:04	4-18-30	:05	6-9-30	:03
1-7-30	:03	2-25-30	:03	4-21-30	:04	6-10-30	:05

OPERATOR #1

SHEET NO. 4

PERSONAL TIME OUT - P.M.

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
6-11-30	:05	8-12-30	:04	9-29-30	:03	11-14-30	-
6-12-30	:06	8-13-30	:05	9-30-30	:04	11-17-30	:04
6-13-30	:05	8-14-30	:05	10-1-30	:08	11-18-30	:04
6-16-30	:05	8-15-30	:04	10-2-30	:05	11-19-30	:03
6-17-30	:05	8-18-30	:11	10-3-30	:05	11-20-30	:05
6-18-30	:04	8-19-30	:09	10-6-30	:05	11-21-30	:07
6-19-30	:09	8-20-30	:04	10-7-30	:02	11-24-30	:05
6-20-30	:05	8-21-30	:05	10-8-30	:03	11-25-30	:06
6-23-30	:05	8-22-30	:05	10-9-30	:04	11-26-30	:06
6-24-30	:05	8-25-30	:05	10-10-30	:04	11-29-30	HOLIDAY
6-25-30	:05	8-26-30	:06	10-13-30	:05	11-28-30	-
6-26-30	:04	8-27-30	:04	10-14-30	:04	12-1-30	:04
6-27-30	:03	8-28-30	:04	10-15-30	:03	12-2-30	:04
6-30-30	:04	8-29-30	:03	10-16-30	:03	12-3-30	-
7-1-30	:03	9-1-30	-	10-17-30	:05	12-4-30	:03
7-2-30	:04	9-2-30	:04	10-20-30	:05	12-5-30	-
7-3-30	:04	9-3-30	:03	10-21-30	:05	12-6-30	:03
HOLIDAY		9-4-30	:02	10-22-30	-	12-9-30	:05
7-7-30	:04	9-5-30	:02	10-23-30	:04	12-10-30	:05
7-8-30	:03	9-8-30	:04	10-24-30	:05	12-11-30	:08
7-10-30	:05	9-9-30	:03	PERIOD	10-27-30 :03	12-12-30	-
7-11-30	:15	9-10-30	-	No. 18	10-28-30 :04	12-13-30	:04
TWO WEEKS		9-11-30	:03		10-29-30 :05	12-16-30	:09
VACATION		9-12-30	:03		10-30-30 :05	12-17-30	:04
7-28-30	:05	9-15-30	:03		10-31-30 -	12-18-30	:05
7-29-30	:04	9-16-30	:04		11-1-30 :06	12-19-30	:06
7-31-30	:13	9-17-30	:03		11-4-30 :04	12-22-30	:04
8-1-30	:03	9-18-30	:03		11-5-30 :05	12-23-30	:05
8-4-30	:04	9-19-30	:05		11-6-30 :02	12-24-30	:10
8-5-30	:04	9-22-30	:03		11-7-30 -	12-25-30	HOLIDAY
8-6-30	:03	9-23-30	:04		11-10-30 :04	12-26-30	-
8-7-30	:04	9-24-30	:05		11-11-30 :03	12-27-30	:04
8-8-30	:04	9-25-30	:04		11-12-30 :16	12-28-30	:06
8-11-30	:04	9-26-30	:11		11-13-30 :04	12-29-30	:05

SHEET No. 5

OPERATOR #1

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
1-5-31	:05	2-20-31	-	4-9-31	:05	5-27-31	:04
1-6-31	:04	2-23-31	:04	4-10-31	-	5-28-31	:05
1-7-31	:06	2-24-31	:04	4-13-31	:04	5-29-31	:04
1-8-31	:03	2-25-31	-	4-14-31	:04	6-1-31	:04
1-9-31	:05	2-26-31	:04	4-15-31	:04	6-2-31	:04
1-12-31	:05	2-27-31	-	4-16-31	:04	6-3-31	:04
1-13-31	:05	3-2-31	:05	4-17-31	-	6-4-31	:05
1-14-31	:04	3-3-31	:05	4-20-31	:07	6-5-31	:03
1-15-31	:02	3-4-31	:05	4-21-31	:04	6-8-31	:04
1-16-31	-	3-5-31	:05	4-22-31	:04	6-9-31	:04
1-19-31	:05	3-6-31	-	4-23-31	:03	6-10-31	:04
1-20-31	:04	3-9-31	:05	4-24-31	-	6-11-31	:03
1-21-31	:04	3-10-31	:04	4-27-31	:05	6-12-31	:04
1-22-31	:04	3-11-31	:04	4-28-31	:04	6-15-31	:04
1-23-31	-	3-12-31	:05	4-29-31	:04	6-16-31	:02
1-26-31	:05	3-13-31	-	4-30-31	:03	6-17-31	:04
1-27-31	:04	3-16-31	:04	5-1-31	-	6-18-31	:04
1-28-31	:04	3-17-31	:04	5-4-31	:05	6-19-31	:04
1-29-31	:05	3-18-31	:03	5-5-31	:05	6-22-31	:04
1-30-31	-	3-19-31	:04	5-6-31	:04	6-23-31	:03
2-2-31	:04	3-20-31	-	5-7-31	:05	6-24-31	:05
2-3-31	:05	3-23-31	:05	5-8-31	-	6-25-31	:04
2-4-31	:04	3-24-31	:04	5-11-31	:02	6-26-31	:07
2-5-31	:02	3-25-31	:04	5-12-31	:12	6-29-31	:04
2-6-31	-	3-26-31	:05	5-13-31	:05	6-30-31	:04
PERIOD No. 19	2-9-31 :04	3-27-31 -	5-14-31 :05	7-1-31 :04			
	2-10-31 :04	3-30-31 :04	5-15-31 -	7-2-31 :05			
	2-11-31 :05	3-31-31 :04	5-16-31 :05	7-3-31 :04			
	2-12-31 :03	4-1-31 :04	5-17-31 :04	7-6-31 :04			
	2-13-31 -	4-2-31 :03	5-20-31 :01	7-7-31 :03			
	2-16-31 :03	4-3-31 -	5-21-31 :04	7-8-31 :04			
	2-17-31 :05	4-6-31 :04	5-22-31 -	7-9-31 :05			
	2-18-31 :05	4-7-31 :04	PERIOD 5-25-31 :04	7-10-31 :08			
	2-19-31 :05	4-8-31 -	N. 20 5-26-31 :05 -	TWO WEEKS			

SHEET No. 6

OPERATOR #1

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
VACATION		9-10-31	:03	10-29-31	-	12-15-31	:03
7-27-31	:03	9-11-31	:02	10-29-31	:04	12-16-31	:04
7-28-31	:05	9-14-31	:04	10-30-31	:05	12-17-31	-
7-29-31	:02	9-15-31	:02	11-2-31	:03	12-18-31	:04
7-30-31	:04	9-16-31	:03	11-3-31	:06	12-21-31	:03
7-31-31	:05	9-17-31	:04	11-4-31	:03	12-22-31	:02
8-3-31	:03	9-18-31	:03	11-5-31	:03	12-23-31	:04
8-4-31	:04	9-21-31		11-6-31	:03	12-24-31	:04
8-6-31	:06	9-22-31	:04	11-7-31	-	12-25-31	HOLIDAY
8-6-31	:04	9-23-31	:03	11-10-31	:02	12-28-31	:03
8-7-31	:05	9-24-31	:02	11-11-31	:01	12-29-31	:04
8-10-31	:05	9-25-31	:06	11-12-31	:05	12-30-31	:04
8-11-31	:05	9-28-31	:02	11-13-31	:03	12-31-31	:05
8-12-31	:04	9-29-31	:03	PERIOD 9-16-31 WORKING		1-1-32	HOLIDAY
8-13-31	:03	9-30-31	:02	No. 21	1-17-31 :03	1-4-32	:04
8-14-31	:06	10-1-31	:04	1-18-31	:02	1-5-32	:03
8-17-31	:04	10-2-31	:04	1-19-31	:03	1-6-32	:04
8-18-31	:03	10-5-31	:02	1-20-31	:04	1-7-32	:03
8-19-31	:04	10-6-31	:04	1-23-31	:04	1-8-32	:04
8-20-31	:03	10-7-31	:03	1-24-31	:05	1-11-32	:04
8-21-31	:03	10-8-31	:03	1-25-31	:03	1-12-32	:02
8-24-31	-	10-9-31	:04	1-26-31	HOLIDAY	1-13-32	:04
8-25-31	:04	10-12-31	-	1-27-31	:15	1-14-32	:04
8-26-31	:05	10-13-31	:02	1-30-31	NOT WORKING	1-15-32	:03
8-27-31	:06	10-14-31	:05	1-31-31	:03	1-16-32	:04
8-28-31	:06	10-15-31	:04	2-2-31	:03	1-17-32	:04
8-31-31	:04	10-16-31	:04	2-3-31	:03	1-18-32	-
9-1-31	:03	10-17-31	:04	2-4-31	:03	1-19-32	:06
9-2-31	:04	10-20-31	:04	2-7-31	:03	1-22-32	:05
9-3-31	:04	10-21-31	:02	2-8-31	:04	1-23-32	NOT WORKING
9-4-31	:06	10-22-31	:06	2-9-31	-	1-26-32	:03 *
9-7-31	HOLIDAY	10-23-31	:06	2-10-31	:04	1-27-32	:03
7-8-31	:05	* 10-26-31	:04	2-11-31	:02	1-28-32	:01
7-9-31	:04	10-27-31	:03	2-14-31	:04	1-29-32	:04

SHEET NO. 7

OPERATOR #1

PERSONAL TIME OUT - P.M.

	TIME		TIME		TIME		TIME	
	DATE	OUT		DATE	OUT		DATE	OUT
	2-1-32	:03						
	2-2-32	:03						
	2-3-32	:04						
	2-4-32	:08						
	2-5-32	:02						
PERIOD	2-8-32	NOT WORKING						
No. 23	2-9-32	:01						
	2-10-32	:02						
	2-11-32	:04						
	2-12-32	:03						
	2-13-32	NOT WORKING						
	2-16-32	-						
	2-17-32	:03						
	2-18-32	:02						
	2-19-32	:03						
	2-22-32	NOT WORKING						
	2-23-32	:05						
	2-24-32	:03						
	2-25-32	:03						
	2-26-32	:04						
	2-29-32	NOT WORKING						
	3-1-32	:04						
	3-2-32	:05						
	3-3-32	:03						
	3-4-32	:02						

OPER  
#2

UNIVERSITY OF WISCONSIN - MILWAUKEE

TOTAL PERSONAL TIME				AVERAGE PER DAY
PERIODS	TOTAL TIME			
PERIOD No. 2	277	MIN.		12.6 MIN.
PERIOD No. 3	747.5	"		17.0 "
PERIOD No. 4	99	"		4.8 "
PERIOD No. 5	203.5	"		9.3 "
PERIOD No. 6	25	"		1.1 "
PERIOD No. 7	346	"		6.1 "
PERIOD No. 8	180.5	"		5.3 " NEW OPERATOR
PERIOD No. 9	101.5	"		4.6 "
PERIOD No. 10	493	"		7.6 "
PERIOD No. 11	303.5	"		8.9 "
PERIOD No. 12	1227	"		20.6 "
PERIOD No. 13	1668	"		10.0 "
PERIOD No. 14	286	"		8.4 "
PERIOD No. 15	981.5	"		6.0 "
PERIOD No. 16	94	"		4.4 "
PERIOD No. 17	542	"		5.0 "
PERIOD No. 18	367	"		3.7 "

A.M. PERSONAL TIME OUT			
PERIODS	TOTAL TIME	AVERAGE PER DAY	
PERIOD No. 2	146 MIN.	6.1 MIN.	
PERIOD No. 3	423.5 "	9.0 "	
PERIOD No. 4	69.5 "	3.2 "	
PERIOD No. 5	109 "	4.5 "	
PERIOD No. 6	15 "	6 "	
PERIOD No. 7	133.5 "	2.1 "	
PERIOD No. 8	176 "	4.8 "	NEW OPERATOR
PERIOD No. 9	95.5 "	4.0 "	
PERIOD No. 10	532.5 "	4.8 "	
PERIOD No. 11	171.5 "	5.0 "	
PERIOD No. 12	677 "	10.3 "	
PERIOD No. 13	942.5 "	5.2 "	
PERIOD No. 14	138 "	4.1 "	
PERIOD No. 15	1356.5 "	1.9 "	
PERIOD No. 16	29 "	1.0 "	
PERIOD No. 17	60 "	.5 "	
PERIOD No. 18	117 "	1.9 "	

## A.M. PERSONAL TIME OUT

P.M. PERSONAL TIME OUT

PERIODS	TOTAL TIME	AVERAGE PER DAY
PERIOD No. 2	131 MIN	6.5 MIN
PERIOD No. 3	324 "	8.0 "
PERIOD No. 4	29.5 "	1.6 "
PERIOD No. 5	97.5 "	4.7 "
PERIOD No. 6	10 "	.5 "
PERIOD No. 7	212.5 "	9.1 "
PERIOD No. 8	4.5 "	.2 " NEW OPERATOR
PERIOD No. 9	6 "	.3 "
PERIOD No. 10	160.5 "	2.8 "
PERIOD No. 11	132 "	3.9 "
PERIOD No. 12	550 "	10.2 "
PERIOD No. 13	223.5 "	4.8 "
PERIOD No. 14	148 "	4.3 "
PERIOD No. 15	635 "	4.2 "
PERIOD No. 16	71 "	3.6 "
PERIOD No. 17	482 "	4.3 "
PERIOD No. 18	250 "	3.7 "

P.M. PERSONAL TIME OUT

SHEET No. 1

OPERATOR "K"

PERSONAL TIME OUT - A.M.

	TIME		TIME		TIME		TIME	
DATE	OUT	DATE	OUT	DATE	OUT	DATE	OUT	
PERIOD No. 2	5-16-27 :06	7-1 :08	8-16 :05	PERIOD No. 6	10-27 :04			
	5-18-27 :06	7-2 :06	8-17 :05	No. 6	11 :1			
	5-19-27 :10	7-6 :10	8-19 :03	PERIOD No. 7	11-8 :05½			
	5-21 :07	7-6 :17	8-20 :07	No. 7	11-13 :07			
	5-23 :11	7-7 :07	8-22 :04		11-14 :06			
	5-24 :10	7-8 :05	8-26 :03		11-15 :10			
	5-26 :11	7-9 :12	8-27 :06½		11-17 :06			
	5-27 :06	7-11 :06	8-29 :09		11-19 :04			
	5-29 :04	7-12 :07	8-30 :05		11-21 :06			
	6-1 :16	7-13 :09	9-2 :03		11-22 :06½			
	6-2 :08	7-14 :10	9-6 :02½		11-25 :05½			
	6-4 :06	7-15 :11	9-8 :02½		11-26 :09			
	6-6 :17	7-16 :07	9-10 :06		11-28 :10			
	6-7 :09	7-18 :07	PERIOD No. 5	9-13 :03	12-2 :06			
	6-8 :09	7-19 :15	9-14 :03½		12-3 :02			
	6-9 :05	7-20 :08	9-15 :06½		12-5 :09			
	6-10 :07	7-21 :12	9-16 :10½		12-10 :06			
	6-11 :06	7-22 :17	9-17 :04		12-17 :03			
PERIOD No. 3	6-13 :09	7-23 :17½	9-19 :04		12-19 :04			
	6-14 :06	7-25 :10	9-20 :03		12-32 :11			
	6-15 :05	7-26 :10	9-21 :09		12-24 :06			
	6-16 :07	7-27 :07	9-22 :03½		1-4-28 :05			
	6-17 :08	7-28 :09	9-23 :03		1-19-28 :06			
	6-18 :18	7-29 :10	9-24 :09	PERIOD No. 8	1-25 :05½	NEW OPER.		
	6-20 :08	7-30 :10	9-26 :08	No. 8	1-26 :07			
	6-21 :08	8-1 :09	9-27 :08½		1-30 :06			
	6-22 :07	8-2 :08	9-28 :03		1-31 :08			
	6-23 :05	8-3 :15	9-29 :03		2-1 :08			
	6-24 :07	8-4 :14	9-30 :02		2-2 :18			
	6-25 :06	8-5 :08	10-3 :01½		2-3 :05½			
	6-27 :07	8-6 :11	10-4 :04		2-6 :04			
	6-28 :05	PERIOD ONE WEEK	10-5 :02		2-7 :06½			
	6-29 :06	No. 4 VACATION	10-6 :03½		2-8 :07			
	6-30 :10	8-15 :08	10-8 :02½		2-9 :07			

SHEET NO. 2

OPERATOR "R"

PERSONAL TIME OUT - A.M.

DATE	TIME OUT	PERIOD	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
2-10-28	.03		4-9-28	.04 $\frac{1}{2}$	5-22	.04	7-5	.06
2-14	.06 $\frac{1}{2}$	No. 10	4-10-28	.04	5-23	.04	7-6	.09
2-15	.08		4-11	.07	5-24	.07 $\frac{1}{2}$	7-7	.05
2-16	.03 $\frac{1}{2}$		4-12	.05	5-25	.04	7-8	.03
2-17	.04 $\frac{1}{2}$		4-13	.04	5-26	.04	7-9	.04
2-20	.07		4-14	.01 $\frac{1}{2}$	5-29	.06	7-12	.02 $\frac{1}{2}$
2-21	.04		4-17	.05	5-31	.06	7-13	.05
2-22	.05		4-18	.09	6-1	.03	7-16	.06
2-23	.10		4-19	.09	6-2	.06 $\frac{1}{2}$	7-17	.06
2-24	.05		4-20	.03	6-4	.04	7-18	.05
2-27	.03		4-21	.04 $\frac{1}{2}$	6-5	.03	7-19	.05
2-28	.07		4-23	.04	6-6	.04	7-20	.04
2-29	.06		4-24	.03	6-7	.10	7-23	.04
3-1	.07 $\frac{1}{2}$		4-25	.06	6-8	.03	7-24	.04
3-2	.09		4-26	.02	6-9	.06	7-25	.03
3-3	.05		4-27	.08 $\frac{1}{2}$	6-11	.04	7-26	.05 $\frac{1}{2}$
3-5	.07 $\frac{1}{2}$		4-28	.06	6-12	.04	7-27	.04
PERIOD 3-13	.04		4-30	.06	6-13	.05		TWO WEEKS
No. 9	3-14	.06	5-1	.07	6-14	.10		VACATION
	3-15	.06	5-2	.04	6-15	.06	8-13	.05 $\frac{1}{2}$
	3-16	.07	5-3	.07	6-16	.05	8-14	.06
	3-17	.09	5-4	.04 $\frac{1}{2}$	6-18	.03	8-15	.03
	3-21	.09	5-7	.03	6-19	.02 $\frac{1}{2}$	8-16	.08
	3-22	.08 $\frac{1}{2}$	5-8	.07	6-20	.03	8-17	.06
	3-26	.03	5-9	.08	6-21	.05	8-20	.03
	3-27	.09	5-10	.09	6-23	.02	8-21	.04
	3-28	.03	5-11	.06	6-26	.03	8-22	.04
	3-29	.05	5-12	.05	6-26	.08	8-23	.04
	3-30	.05	5-14	.16	6-27	.04 $\frac{1}{2}$	8-24	.05
	4-2	.04	5-15	.05	6-28	.09	8-27	.04
	4-3	.04	5-16	.03	6-29	.03	8-28	.03
	4-4	.03	5-17	.04	6-30	.05	8-29	.06
	4-5	.05	5-18	.03	PERIOD 7-2	.08 $\frac{1}{2}$	8-30	.06
	4-6	.05	5-21	.03	No. 11	7-3 .05	8-31	.09 $\frac{1}{2}$

SHEET NO. 3

OPERATOR #2

PERSONAL TIME OUT - A.M.

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
DATE	OUT	DATE	OUT	DATE	OUT	DATE	OUT
PERIOD No. 13	9-4-28 :05½	10-10-28	:11	11-8-28	:15	1-7-29	:07
9-5-28	:08	10-15-28	:07½	11-23-28	:12	1-8-29	:09
9-6-28	:09	10-16-28	:07	11-24-28	:09	1-9-29	:06
9-7-28	:08	10-17-28	:13½	PERIOD No. 13	1-26-28 :06	1-10-29	:10
9-8-28	:08	10-18-28	:07	11-27-28	:10½	1-11-29	:09
9-10-28	:07	10-19-28	:10	11-28-28	:10	1-12-29	:16
9-11-28	:06½	10-20-28	:08	11-29-28	:07	1-13-29	:09
9-12-28	:11	10-21-28	:19	12-1-28	:10	1-15-29	:06
9-13-28	:10½	10-22-28	:08	12-3-28	:07	1-16-29	:06
9-14-28	:10	10-23-28	:09½	12-4-28	:08	1-17-29	:04
9-15-28	:10½	10-24-28	:09	12-5-28	:1	1-18-29	:06
9-17-28	:08	10-25-28	:08	12-6-28	:08	1-19-29	:05
9-18-28	:10	10-27-28	:10	12-7-28	:08	1-21-29	:07
9-19-28	:11½	10-28-28	:07	12-8-28	:06	1-22-29	:04
9-20-28	:12	10-29-28	:11	12-10-28	:08	1-23-29	:07
9-21-28	:07	10-31-28	:10	12-11-28	:10	1-24-29	:07
9-22-28	:06½	11-1-28	:12	12-12-28	:12	1-25-29	:05
9-24-28	:07	11-2-28	:14	12-13-28	:07	1-26-29	:06
9-25-28	:08	11-3-28	:08	12-14-28	:10½	1-28-29	:06
9-26-28	:12½	11-5-28	:11	12-15-28	:07	1-29-29	:07
9-27-28	:12	11-6-28	:16	12-17-28	:08	1-30-29	:07
9-28-28	:08	11-7-28	:18	12-18-28	:09	1-31-29	:05
9-29-28	:08	11-8-28	:07	12-19-28	:06½	2-1-29	:08
10-1-28	:07	11-9-28	:10	12-20-28	:09	2-2-29	:07
10-2-28	:11	11-10-28	:18	12-21-28	:06	2-3-29	:06
10-3-28	:07	11-12-28	:11	12-22-28	:03	2-5-29	:04
10-4-28	:08½	11-13-28	:10	12-23-28	:08½	2-6-29	:04
10-5-28	:09	11-14-28	:11	12-26-28	:07	2-7-29	:05
10-6-28	:09	11-15-28	:10	12-25-28	:07	2-8-29	:05
10-8-28	:06	11-16-28	:13	12-31-28	:07	2-9-29	:07
10-9-28	:07	11-17-28	:11	1-2-29	:06	2-11-29	:15
10-10-28	:10	11-19-28	:10	1-3-29	:07½	2-12-29	:08
10-11-28	:10½	11-20-28	:10	1-4-29	:14½	2-13-29	:05
11-12-28	:10	12-1-28	:17	1-5-29	:05	2-14-29	:08

SHEET NO. 4

OPERATOR A

PERSONAL TIME OUT - A.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
2-15-29	:05	4-1-29	:06	5-10-29	:05	6-21-29	:04
2-18-29	:03	4-2-29	:04	5-11-29	:03	6-24-29	:04
2-19-29	:03	4-3-29	:04	5-13-29	:07	6-25-29	:05
2-20-29	:06	4-4-29	:04	5-15-29	:04	6-26-29	:04
2-21-29	:06	4-5-29	:04	5-16-29	:05	6-27-29	:05
2-22-29	:03	4-6-29	:04	5-17-29	:05	6-28-29	:01½
2-25-29	:04	4-8-29	:03	5-18-29	:04	6-29-29	:04
2-26-29	:04	4-9-29	:05	5-21-29	:06	PERIOD	7-1-29 :05
2-27-29	:04	4-10-29	:04	5-21-29	:04	No. 14	7-2-29 :04
3-1-29	:04	4-11-29	:05	5-22-29	:05	7-3-29	:04
3-4-29	:06	4-12-29	:02½	5-23-29	:04	7-5-29	:03
3-5-29	:06	4-13-29	:05	5-24-29	:05	7-9-29	:03
3-6-29	:04	4-15-29	:05	5-25-29	:03	7-10-29	:04
3-7-29	:04	4-16-29	:03	5-27-29	:06	7-11-29	:06
3-8-29	:06	4-17-29	:04	5-28-29	:06	7-12-29	:04
3-9-29	:07	4-18-29	:05	5-29-29	:04	TWO WEEKS	
3-11-29	:03	4-19-29	:06	6-31-29	:04	VACATION	
3-12-29	:03½	4-20-29	:07	6-1-29	:06	7-29-29	:03½
3-13-29	:04	4-22-29	:05	6-3-29	:03	7-30-29	:05
3-14-29	:04	4-23-29	:04	6-4-29	:04	7-31-29	:04
3-15-29	:05	4-24-29	:03	6-5-29	:05	8-1-29	:04
3-16-29	:04	4-25-29	:06	6-6-29	:03	8-2-29	:05
3-18-29	:05	4-26-29	:05	6-7-29	:04	8-6-29	:04
3-19-29	:04	4-27-29	:04	6-8-29	:04	8-7-29	:05
3-20-29	:05	4-28-29	:04	6-10-29	:03	8-8-29	:04
3-21-29	:05	4-30-29	:04	6-11-29	:03	8-9-29	:05
3-22-29	:05	5-1-29	:04	6-12-29	:04	8-12-29	:04
3-23-29	:05	5-2-29	:04	6-13-29	:03	8-13-29	:05
3-25-29	:04	5-3-29	:03	6-14-29	:04	8-14-29	:05
3-26-29	:04	5-4-29	:04	6-15-29	:05	8-15-29	:05
3-27-29	:04	5-6-29	:03	6-17-29	:05	8-16-29	:04
3-28-29	:03	5-7-29	:02	6-18-29	:06	8-19-29	:03
3-29-29	:08½	5-8-29	:03	6-19-29	:05½	8-20-29	:05
3-30-29	:06	5-9-29	:04	6-20-29	:05	8-21-29	:04

SHEET No. 5

OPERATOR #2

PERSONAL TIME OUT - A.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
8-22-29	:04	10-4-29	:03	11-14-29	:03	1-18-30	:06
8-23-29	:04	10-5-29	:05	11-15-29	:01	1-25-30	:05
8-26-29	:04	10-7-29	:02	11-16-29	:06	2-1-30	:06
8-27-29	:04	10-8-29	:02½	11-17-29	:08	2-8-30	:04
8-28-29	:04	10-9-29	:02	11-18-29	:01½	2-15-30	:05
8-29-29	:06	10-10-29	:02	11-19-29	:02	2-22-30	:03
8-30-29	:04	10-11-29	:04	11-20-29	:01	3-1-30	:06
PERIOD No. 15	9-3-29 :02	10-12-29	:04	11-22-29	:02	3-8-30	:04
	9-4-29 :04	10-13-29	:02	11-23-29	:05	3-10-30	:02
	9-5-29 :03	10-15-29	:03	11-25-29	:02	3-11-30	:01
	9-6-29 :04	10-16-29	:02	11-26-29	:03	3-12-30	:01
	9-7-29 :04	10-17-29	:02	11-27-29	:05	3-13-30	:05
	9-8-29 :05	10-18-29	:03	11-28-29	:01	3-17-30	:01
	9-10-29 :04	10-19-29	:03	11-30-29	:04	3-20-30	:03
	9-11-29 :04	10-21-29	:03	12-1-29	:03	3-22-30	:04
	9-12-29 :02	10-22-29	:02	12-4-29	:03	3-28-30	:02
	9-13-29 :04	10-23-29	:03½	12-7-29	:04	3-29-30	:05
	9-14-29 :03	10-24-29	:03	12-11-29	:04	3-31-30	:01
	9-16-29 :02	10-25-29	:03	12-13-29	:01½	4-5-30	:03
	9-19-29 :05	10-26-29	:05	12-14-29	:05	PERIOD No. 16	4-12-30 :04
	9-18-29 :03	10-28-29	:02	12-17-29	:01	4-19-30	:03
	9-19-29 :03	10-29-29	:02	12-18-29	:02	4-25-30	:01
	9-20-29 :02	10-30-29	:02	12-19-29	:04	4-26-30	:03
	9-21-29 :03	10-31-29	:02½	12-20-29	:01	4-30-30	:04
	9-22-29 :03	11-1-29	:04	12-21-29	:05	5-2-30	:05
	9-24-29 :02	11-2-29	:06	12-23-29	:02	5-3-30	:03
	9-25-29 :05	11-4-29	:02	12-27-29	:02	PERIOD No. 17	5-7-30 :03
	9-26-29 :02	11-5-29	:02	1-4-30	:05	5-9-30	:02
	9-27-29 :04½	11-7-29	:03½	1-8-30	:01	5-13-30	:02
	9-28-29 :05	11-8-29	:02	1-9-30	:09	5-21-30	:01
	9-29-29 :02	11-9-29	:05	1-10-30	:03	6-1-30	:04
	10-1-29 :04	11-10-29	:02	1-11-30	:05	6-18-30	:02
	10-2-29 :02	11-12-29	:01	1-15-30	:02	6-19-30	:04
	10-3-29 :04	11-13-29	:03	1-17-30	:03	6-25-30	:02

SHEET No. 6

OPERATOR #2

PERSONAL TIME OUT - A.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	
7-9-30	:02	12-19-30	:02	4-10-31	:04	8-5-31	:02	
7-10-30	:03	12-24-30	:04	4-14-31	:04	8-12-31	:03	
TWO WEEKS		12-31-30	:03	4-15-31	:04	8-14-31	:03	
VACATION		1-7-31	:03	4-17-31	:03	8-18-31	:03	
7-30-30	:03	1-14-31	:04	4-22-31	:07	8-19-31	:03	
8-6-30	:03	1-16-31	:05	4-23-31	:01	8-21-31	:03	
8-20-30	:03	1-19-31	:03	4-24-31	:05	8-26-31	:04	
8-22-30	:03	1-21-31	:03	4-29-31	:04	8-28-31	:03	
8-27-30	:02	1-23-31	:09	5-1-31	:04	8-29-31	:03	
9-10-30	:02	1-27-31	:08	5-6-31	:01	9-7-31	:04	
9-11-30	:03	1-28-31	:03	5-6-31	:05	9-16-31	:03	
9-17-30	:01	1-30-31	:04	5-8-31	:03	9-23-31	:04	
9-29-30	:03	2-4-31	:04	5-13-31	:04	9-25-31	:01	
10-1-30	:04	2-6-31	:04	5-15-31	:04	9-29-31	:02	
10-1-30	:01	PERIOD 2-8-31	:06	5-20-31	:04	10-6-31	:02	
10-15-30	:03	No. 19 2-12-31	:03	5-22-31	:03	10-18-31	:03	
10-22-30	:02	2-13-31	:07	PERIOD 3-27-31	:04	10-16-31	:03	
10-24-30	:02	2-17-31	:02	No. 20 3-29-31	:13	10-21-31	:03	
PERIOD No. 18	10-27-30	:01	2-20-31	:06	6-5-31	:03	10-23-31	:05
10-31-30	:05	2-25-31	:04	6-10-31	:03	10-30-31	:02	
11-5-30	:02	2-26-31	:03	6-15-31	:06	10-28-31	:03	
11-7-30	:05	2-27-31	:03	6-17-31	:03	10-30-31	:02	
11-12-30	:03	3-2-31	:01	6-19-31	:03	11-4-31	:05	
11-14-30	:04	3-4-31	:03	6-23-31	:02	11-5-31	:02	
11-19-30	:03	3-6-31	:03	6-24-31	:04	11-6-31	:02	
11-20-30	:03	3-11-31	:04	6-25-31	:02	11-11-31	:03	
11-25-30	:03	3-13-31	:06	7-1-31	:05	11-12-31	:02	
11-26-30	:04	3-18-31	:05	7-3-31	:03	11-13-31	:03	
12-3-30	:02	3-20-31	:04	7-7-31	:03	PERIOD 11-17-31	:02	
12-5-30	:12	3-25-31	:04	7-8-31	:02	No. 21 11-18-31	:01	
12-10-30	:03	3-27-31	:03	7-10-31	:03	11-19-31	:02	
12-12-30	:02	4-1-31	:04	TWO WEEKS		11-20-31	:01	
12-16-30	:02	4-3-31	:03	VACATION		*		
12-19-30	:04	4-7-31	:04	7-27-31	:04			

SHEET No. 7

OPERATOR #2

## PERSONAL TIME OUT - A.M.

SHEET No. 1

OPERATOR #10

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
PERIOD No. 2	5-17-27 .07	7-11-27 :10		7-28-27 :04½	No. 8	1-31-28 :04½	
	5-18-27 .05	7-12-27 :06		8-27-27 :15	PERIOD	3-21-28 :02	
	5-19-27 .06	7-13-27 :15		9-20-27 :28	No. 9	3-27-28 :02	
	5-20-27 .04	7-14-27 :15		10-3-27 :03½		4-5-28 :02	
	5-23-27 .09	7-15-27 :06		10-4-27 :05	PERIOD	4-7-28 :04	
	5-25-27 .08	7-16-27 :11		10-6-27 :04	No. 10	4-10-28 :05	
	5-26-27 .07	7-17-27 :10	PERIOD No. 6	11-3-27 :10		4-11-28 :06	
	5-27-27 .12	7-20-27 :07	PERIOD	11-7-27 :08		4-12-28 :03	
	5-31-27 .16	7-21-27 :08	No. 7	11-8-27 :07		4-13-28 :03	
	6-1-27 .05	7-22-27 :03		11-9-27 :07½		4-18-28 :03	
	6-2-27 .03	7-26-27 :09		11-10-27 :08		4-19-28 :04	
	6-3-27 .09	7-28-27 :07		11-14-27 :10		4-20-28 :04	
	6-6-27 .09	7-29-27 :11		11-15-27 :29		4-24-28 :06½	
	6-7-27 .20	8-1-27 :08		11-16-27 :26		4-26-28 :05	
	6-8-27 .09	8-3-27 :11		11-17-27 :09		5-1-28 :02	
	6-9-27 .26	8-4-27 :11		11-18-27 :05		5-2-28 :02	
	6-10-27 .08	8-5-27 :06		11-21-27 :06		5-3-28 :03	
PERIOD No. 3	6-13-27 .07	PERIOD ONE WEEK		11-22-27 :06		5-4-28 :06	
	6-14-27 .05	No. 4 VACATION		11-23-27 :08		5-7-28 :02	
	6-15-27 .08	8-16-27 :04		11-26-27 :11		5-8-28 :02	
	6-17-27 .11	8-17-27 :04		11-27-27 :11		5-11-28 :04	
	6-20-27 .09	8-18-27 :05		12-1-27 :08½		5-15-28 :18	
	6-21-27 .08	8-30-27 :05		12-2-27 :07		5-17-28 :02	
	6-23-27 .10	9-6-27 :09		12-3-27 :04½		5-23-28 :04	
	6-24-27 .07	9-9-27 :02½		12-21-27 :04½		5-28-28 :05	
	6-27-27 .07	PERIOD 9-12-27 :05½		12-23-27 :13½		5-29-28 :06	
	6-28-27 .09	No. 5 9-13-27 :07½		12-25-27 :06		6-1-28 :02½	
	6-29-27 .09	9-14-27 :06½		12-26-27 :22½		6-4-28 :02	
	6-30-27 .10	9-15-27 :07		12-29-27 :15		6-5-28 :03	
	7-1-27 .09	9-16-27 :06½		12-30-27 :05		6-6-28 :04	
	7-3-27 .19	9-17-27 :07		1-3-28 :06½		6-8-28 :03½	
	7-6-27 .19	9-30-27 :05		1-4-28 :06		6-11-28 :05	
	7-7-27 .10	9-26-27 :01		1-10-28 :09½		6-12-28 :04	
	7-8-27 .11	9-27-27 :04½		1-16-28 :04½		6-14-28 :03	
		NEW OPER. 1-35-28					

SHEET No.2

OPERATOR #2

PERSONAL TIME OUT - P.M.

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
6-14-28	10 1/2	7-22-28	:05	10-12-28	:05	11-30-28	:06
6-15-28	:06	8-23-28	:05	10-15-28	:13	12-3-28	:05
6-18-28	:04	8-27-28	:04	10-16-28	:09	12-4-28	:08
6-19-28	:04	8-28-28	:14	10-17-28	:06	12-5-28	:05
6-20-28	:03	8-29-28	:03	10-18-28	:09	12-6-28	:18
6-21-28	:04	8-31-28	:05 1/2	10-19-28	:10	12-7-28	:07
6-22-28	:06	PERIOD 9-4-28	:11	10-22-28	:14	12-10-28	:11
6-26-28	:03 1/2	No. 12 9-5-28	:06	10-23-28	:12	12-11-28	:12
6-27-28	:02	9-6-28	:03	10-24-28	:08	12-12-28	:06
PERIOD 7-8-28	:02 1/2	9-7-28	:09	10-25-28	:12 1/2	12-13-28	:06
No. 11 7-5-28	:03	9-10-28	:05	10-26-28	:08	12-14-28	:06
7-7-28	:02	9-11-28	:07	10-27-28	:12	12-15-28	:05
7-10-28	:04	9-12-28	:05	10-30-28	:07	12-18-28	:10
7-11-28	:04	9-13-28	:08	10-31-28	:09	12-19-28	:06
7-12-28	:04	9-14-28	:11	11-1-28	:04	12-20-28	:05
7-13-28	:03	9-17-28	:13	11-2-28	:08	12-21-28	:06 1/2
7-16-28	:03	9-18-28	:11	11-5-28	:10	12-24-28	:08
7-17-28	:04	9-19-28	:11	11-6-28	:08	12-25-28	:06
7-18-28	:03	9-20-28	:11 1/2	11-7-28	:09	12-27-28	:07
7-19-28	:04	9-21-28	:07 1/2	11-8-28	:07	12-28-28	:05
7-20-28	:04	9-24-28	:05	11-9-28	:13	12-31-28	:06
7-23-28	:04	9-25-28	:07	11-12-28	:09 1/2	1-3-29	:07
7-24-28	:04	9-26-28	:09	11-13-28	:13	1-4-29	:06
7-25-28	:06	9-27-28	:08	11-14-28	:07	1-7-29	:06
7-26-28	:03	9-28-28	:09	11-15-28	:18	1-8-29	:08
7-27-28	:05	10-1-28	:11	11-16-28	:11	1-9-29	:05
1 TWO WEEKS		10-2-28	:12	11-19-28	:11 1/2	1-10-29	:05
VACATION		10-3-28	:07 1/2	1-20-28	:12	1-11-29	:05
8-13-28	:05	10-4-28	:07	1-21-28	:10	1-14-29	:04 1/2
8-14-28	:06	10-5-28	:08	1-22-28	:13 1/2	1-15-29	:07
8-15-28	:07	10-6-28	:10	1-23-28	:12	1-16-29	:07
8-17-28	:16	10-7-28	:08	PERIOD 11-26-28	:04	1-17-29	:07
8-20-28	:03	10-10-28	:07	No. 13 1-27-28	:08	1-18-29	:05
8-21-28	:04	10-11-28	:08	1-28-28	:07	1-19-29	:05

SHEET No. 3

OPERATOR #2

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
1-22-29	:08	3-11-29	:04	4-30-29	:03	5-24-29	:04
1-23-29	:06	3-12-29	:04½	5-1-29	:05	6-25-29	:04
1-24-29	:06	3-13-29	:03	5-2-29	:03	6-26-29	:05
1-25-29	:05	3-14-29	:05	5-3-29	:03	6-27-29	:03
1-28-29	:07	3-15-29	:07	5-6-29	:04	6-28-29	:03
1-29-29	:06	3-16-29	:04	5-7-29	:13	PERIOD 7-1-29	:05
2-4-29	:06	3-19-29	:06	5-8-29	:04	7-14-29	:05
2-5-29	:04	3-20-29	:05	5-9-29	:04	7-5-29	:05
2-6-29	:05	3-21-29	:05	5-10-29	:03	7-8-29	:09
2-7-29	:05	3-22-29	:04	5-13-29	:04	7-7-29	:05
2-8-29	:04	3-25-29	:04	5-14-29	:05	7-10-29	:08
2-11-29	:08	3-26-29	:03	5-15-29	:04	7-11-29	:04
2-12-29	:06	3-27-29	:03	5-16-29	:03½	7-12-29	:40
2-13-29	:07	3-28-29	:03	5-17-29	:04	TWO WEEKS	
2-14-29	:03	4-1-29	:04	5-20-29	:05	VACATION	
2-15-29	:06	4-2-29	:04	5-21-29	:04	7-29-29	:05
2-16-29	:08	4-3-29	:04	5-22-29	:03	7-30-29	:04
2-18-29	:08	4-4-29	:05	5-23-29	:08	7-31-29	:05
2-19-29	:06	4-5-29	:04	5-24-29	:03	8-2-29	:05
2-20-29	:04	4-8-29	:04	5-27-29	:05	8-5-29	:07
2-21-29	:04	4-9-29	:06	5-28-29	:04	8-7-29	:03
2-22-29	:04	4-10-29	:04	5-29-29	:04	8-8-29	:05
2-23-29	:06	4-12-29	:03	5-31-29	:06	8-9-29	:19
2-25-29	:03	4-15-29	:04	6-3-29	:04	8-12-29	:04
2-26-29	:04	4-16-29	:03	6-4-29	:04	8-13-29	:07
2-27-29	:05	4-17-29	:04	6-5-29	:04	8-14-29	:15
2-28-29	:06	4-18-29	:03	6-6-29	:05	8-16-29	:02
3-1-29	:04	4-19-29	:02½	6-7-29	:05	8-19-29	:05
3-2-29	:05	4-22-29	:03	6-10-29	:05	8-20-29	:04
3-4-29	:06	4-23-29	:04	6-12-29	:05	8-21-29	:05
3-5-29	:06	4-24-29	:13	6-13-29	:05	8-22-29	:04
3-6-29	:06	4-25-29	:04	6-19-29	:03	8-23-29	:04
3-7-29	:04	4-26-29	:03	6-20-29	:04	8-26-29	:03
3-8-29	:04	4-29-29	:03	6-21-29	:04	8-27-29	:04

SHEET No. 4

OPERATOR #2

PERSONAL TIME OUT - P.M.

PERIOD No. 15	DATE OUT	TIME OUT	DATE OUT	TIME OUT	DATE OUT	TIME OUT	DATE OUT	TIME OUT
	8-28-29	:05	10-21-29	:05	12-10-29	:04½	2-3-30	:06
	8-29-29	:05	10-22-29	:04	12-11-29	:04	2-4-30	:05
	8-30-29	:05	10-23-29	:04½	12-12-29	:05	2-5-30	:05
	9-4-29	:04	10-24-29	:04	12-13-29	:04	2-6-30	:04
	9-5-29	:03	10-25-29	:04½	12-14-29	:05	2-7-30	:05
	9-6-29	:03	10-26-29	:06	12-15-29	:06	2-8-30	:03
	9-7-29	:01	10-27-29	:05	12-16-29	:04	2-9-30	:04
	9-10-29	:04	10-30-29	:06	12-17-29	:04	2-12-30	:02
	9-11-29	:03	10-31-29	:05	12-18-29	:05	2-13-30	:05½
	9-13-29	:04	11-1-29	:04	12-19-29	:05	2-14-30	:05
	9-16-29	:04	11-4-29	:05	12-20-29	:04	2-17-30	:06
	9-17-29	:04	11-5-29	:05	12-21-29	:04	2-18-30	:05
	9-18-29	:04	11-7-29	:04	12-22-29	:03	2-19-30	:04
	9-19-29	:04	11-8-29	:02½	12-23-29	:06	2-20-30	:06
	9-20-29	:04	11-11-29	:05	1-2-30	:05	2-21-30	:06
	9-23-29	:09½	11-12-29	:03	1-3-30	:01½	2-24-30	:06
	9-24-29	:04	11-13-29	:03	1-6-30	:05	2-25-30	:06
	9-26-29	:03	11-14-29	:04½	1-7-30	:05	2-26-30	:08
	9-27-29	:06	11-15-29	:04	1-8-30	:05	2-27-30	:04
	9-30-29	:04	11-18-29	:03	1-9-30	:04	2-28-30	:05
	10-1-29	:03	11-19-29	:04	1-10-30	:06	3-3-30	:05
	10-2-29	:02	11-20-29	:02	1-14-30	:08	3-4-30	:04
	10-3-29	:05	11-21-29	:05	1-15-30	:06	3-5-30	:05
	10-4-29	:03	11-22-29	:04½	1-16-30	:05	3-6-30	:03
	10-7-29	:02½	11-25-29	:06	1-17-30	:06	3-7-30	:04
	10-8-29	:04	11-26-29	:04	1-20-30	:06	3-10-30	:05
	10-9-29	:03½	11-27-29	:06	1-21-30	:04	3-11-30	:05
	10-10-29	:04	11-29-29	:05	1-22-30	:05	3-13-30	:06
	10-11-29	:03	12-2-29	:03	1-23-30	:05	3-14-30	:05
	10-14-29	:04	12-3-29	:04½	1-24-30	:04	3-17-30	:05
	10-15-29	:05	12-4-29	:04	1-27-30	:04	3-18-30	:05
	10-16-29	:03	12-5-29	:03	1-28-30	:04	3-19-30	:05
	10-17-29	:03	12-6-29	:04	1-30-30	:05	3-20-30	:05
	10-18-29	:05	12-7-29	:06	1-31-30	:04	3-21-30	:06

SHEET NO. 5

OPERATOR #2

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
3-24-30	:04	5-17-30	:07	7-7-30	:03	9-4-30	:04
3-28-30	:06	5-21-30	:04	7-8-30	:03	9-5-30	:05
3-31-30	:06	5-21-30	:04	7-10-30	:03	9-8-30	:04
4-1-30	:07	5-22-30	:04	7-11-30	:13	9-9-30	:14
4-3-30	:06	5-23-30	:07	TWO WEEKS		9-11-30	:14
4-4-30	:03	5-26-30	:05	VACATION		9-11-30	:04
4-7-30	:04	5-27-30	:05	7-28-30	:05	9-12-30	:02
4-8-30	:04	5-28-30	:06	7-29-30	:05	9-15-30	:04
PERIOD No. 16		5-29-30	:04	7-30-30	:01	9-16-30	:05
4-11-30	:04	6-2-30	:06	7-31-30	:04	9-17-30	:03
4-14-30	:06	6-3-30	:04	8-1-30	:04	9-18-30	:03
4-15-30	:04	6-4-30	:04	8-4-30	:03	9-19-30	:05
4-16-30	:04	6-5-30	:05	8-5-30	:03	9-22-30	:03
4-17-30	:05	6-6-30	:03	8-6-30	:03	9-23-30	:06
4-18-30	:05	6-7-30	:03	8-7-30	:04	9-24-30	:04
4-21-30	:05	6-10-30	:06	8-8-30	:04	9-25-30	:04
4-22-30	:04	6-11-30	:06	8-11-30	:03	9-26-30	:05
4-24-30	:02	6-12-30	:04	8-12-30	:03	9-29-30	:04
4-25-30	:03	6-13-30	:05	8-13-30	:05	9-30-30	:03
4-28-30	:04	6-16-30	:06	8-14-30	:04	10-1-30	:04
4-29-30	:07	6-17-30	:04	8-15-30	:07	10-2-30	:05
4-30-30	:05	6-18-30	:04	8-18-30	:03	10-3-30	:03
5-1-30	:05	6-19-30	:03	8-19-30	:02	10-6-30	:05
5-2-30	:04	6-20-30	:04	8-20-30	:04	10-7-30	:02
PERIOD No. 17		6-23-30	:06	8-21-30	:05	10-8-30	:03
5-6-30	:04	6-24-30	:04	8-22-30	:04	10-9-30	:04
5-7-30	:04	6-25-30	:05	8-25-30	:04	10-10-30	:03
5-8-30	:06	6-26-30	:05	8-26-30	:05	10-13-30	:05
5-9-30	:05	6-27-30	:05	8-27-30	:04	10-14-30	:06
5-12-30	:14	6-30-30	:04	8-28-30	:05	10-15-30	:04
5-13-30	:04	7-1-30	:03	8-29-30	:05	10-16-30	:02
5-14-30	:04	7-2-30	:04	9-1-30	HOLIDAY	10-17-30	:04
5-15-30	:06	7-3-30	:05	9-2-30	:02	10-21-30	:06
5-16-30	:05	7-4-30	HOLIDAY	9-3-30	:04	10-22-30	:05

SHEET No. 6

OPERATOR #2

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
10-22-30	:01	12-9-30	:06	1-28-31	:03	3-17-31	:03
10-23-30	:04	12-10-30	:08	1-29-31	:06	3-18-31	:06
10-24-30	:04	12-11-30	:02	1-30-31	—	3-19-31	:03
PERIOD No. 18	10-27-30 :05	12-12-31	—	2-2-31	:04	3-20-31	—
	10-28-30 :06	12-15-30	:03	2-3-31	:05	3-23-31	:04
	10-29-30 :04	12-16-30	:03	2-4-31	:04	3-24-31	:04
	10-30-30 :06	12-17-31	:04	2-5-31	:04	3-25-31	:03
	10-31-30 —	12-18-31	:06	2-6-31	—	3-26-31	:04
	11-3-30 :03	12-19-30	:04	PERIOD No. 19	2-9-31 :03	3-27-31	—
	11-4-30 :04	12-20-30	:06	2-10-31	:04	3-28-31	:03
	11-5-30 :04	12-23-30	:03	2-11-31	:06	3-29-31	:04
	11-6-30 :03	12-24-30	:10	2-12-31	:04	4-1-31	:04
	11-7-30 —	12-25-30	HOLIDAY	2-13-31	—	4-2-31	:05
	11-10-30 :03	12-26-30	—	2-14-31	:04	4-3-31	—
	11-11-30 :03	12-27-30	:04	2-15-31	:05	4-6-31	:03
	11-12-30 :04	12-28-30	:04	2-16-31	:05	4-7-31	:03
	11-13-30 :05	12-29-30	:04	2-17-31	:03	4-8-31	:01
	11-14-30 —	1-5-31	:06	2-18-31	—	4-9-31	:05
	11-17-30 :03	1-6-31	:04	2-19-31	:04	4-10-31	—
	11-18-30 :04	1-7-31	:05	2-20-31	:03	4-13-31	:02
	11-19-30 :03	1-8-31	:03	2-21-31	—	4-14-31	:03
	11-20-30 :03	1-9-31	:03	2-22-31	:03	4-15-31	:06
	11-21-30 :05	1-12-31	:06	2-23-31	—	4-16-31	:04
	11-24-30 :03	1-13-31	:04	2-24-31	:04	4-17-31	—
	11-25-30 :04	1-14-31	:02	2-25-31	:04	4-20-31	:05
	11-26-30 :05	1-15-31	:02	3-1-31	:05	4-21-31	:05
	11-27-30 HOLIDAY	1-16-31	—	3-2-31	:05	4-22-31	:04
	11-28-30 —	1-17-31	:03	3-3-31	—	4-23-31	:02
	12-1-30 :02	1-21-31	:04	3-4-31	:03	4-24-31	—
	12-2-30 :05	1-21-31	:04	3-5-31	:04	4-27-31	:06
	12-3-30 :05	1-22-31	:04	3-6-31	:04	4-28-31	:05
	12-4-30 :03	1-23-31	—	3-7-31	:04	4-29-31	:02
	12-5-30 —	1-26-31	:04	3-8-31	—	4-30-31	:03
	12-8-30 :03	1-27-31	:05	3-16-31	:04	5-1-31	—

SHEET NO. 7

OPERATOR #2

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
5-4-31	:04	6-19-31	:04	7-18-31	:03	10-5-31	:02
5-5-31	:07	6-22-31	:03	8-19-31	:03	10-6-31	:05
5-6-31	:04	6-23-31	:03	8-20-31	:02	10-7-31	:04
5-7-31	:03	6-24-31	:06	8-21-31	:03	10-8-31	:04
5-8-31	-	6-25-31	:05	8-24-31	:03	10-9-31	:04
5-11-31	:02	6-26-31	:05	8-25-31	:02	10-12-31	:05
5-12-31	:11	6-29-31	:04	8-26-31	:07	10-13-31	-
5-13-31	:05	6-30-31	:07	8-27-31	:04	10-14-31	:05
5-14-31	:05	7-1-31	:04	8-28-31	:06	10-15-31	:04
5-15-31	-	7-2-31	:05	8-31-31	:03	10-16-31	:03
5-18-31	:03	7-3-31	:08	9-1-31	:03	10-17-31	:05
5-19-31	:03	7-6-31	:03	9-2-31	:04	10-20-31	:04
5-20-31	:03	7-7-31	:03	9-3-31	:03	10-21-31	:04
5-21-31	:02	7-8-31	:05	9-4-31	:06	10-22-31	:06
5-22-31	-	7-9-31	:05	9-7-31	HOLIDAY	10-23-31	:10
PERIOD	5-25-31 :04	7-10-31	:06	9-8-31	:04	10-26-31	:04
No. 20	5-26-31 :04	TWO WEEKS		9-9-31	:03	10-27-31	-
	5-27-31 :04	VACATION!		9-10-31	:03	10-28-31	:01
	5-28-31 :03	7-27-31	:05	9-11-31	:03	10-29-31	:04
	5-29-31 :04	7-28-31	:04	9-14-31	:03	10-30-31	:05
	6-1-31 :04	7-29-31	:01	9-15-31	:02	11-2-31	:03
	6-2-31 :04	7-30-31	:03	9-16-31	:05	11-3-31	:02
	6-3-31 :03	7-31-31	:05	9-17-31	:03	11-4-31	:04
	6-4-31 :03	8-3-31	:04	9-18-31	:04	11-5-31	:05
	6-5-31 :03	8-4-31	:05	9-21-31	:04	11-6-31	:03
	6-8-31 :02	8-5-31	:06	9-22-31	-	11-7-31	:02
	6-9-31 :04	8-6-31	:03	9-23-31	:05	11-10-31	:17
	6-10-31 :04	8-7-31	:05	9-24-31	:03	11-11-31	:02
	6-11-31 :04	8-10-31	:05	9-25-31	:03	11-12-31	:04
	6-12-31 :03	8-11-31	:05	9-28-31	:05	11-13-31	:03
	6-15-31 :02	8-12-31	:04	9-29-31	:04	PERIOD 11-16-31 WORKING	NOT
	6-16-31 :03	8-13-31	:03	9-30-31	:04	No. 21 11-17-31 :03	*
	6-17-31 :04	8-14-31	:04	10-1-31	:06	11-18-31	:06
	6-18-31 :04	8-19-31	:14	10-2-31	:03	11-19-31	:04

SHEET N.8

OPERATOR #2

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
11-20-31	:02	1-7-32	:04	2-24-32	:05		
11-23-31	:03	1-8-32	:03	2-25-32	:04		
11-24-31	:06	1-11-32	:03	2-26-32	:04		
1-25-31	:03	1-12-32	:03	2-27-32	NOT WORKING		
11-26-31	HOLIDAY	1-13-32	:04	3-1-32	:03		
11-27-31	:04	1-14-32	-	3-2-32	:04		
	NOT						
11-30-31	WORKING	1-15-32	:03	3-3-32	:03		
12-1-31	:03	1-16-32	:04	3-4-32	:03		
12-2-31		1-17-32	:04				
12-3-31	:03	1-20-32	-				
12-4-31	:04	1-21-32	:04				
PERIOD	12-7-31 :02	1-22-32	:04				
No. 22	12-8-31 :03	1-25-32	NOT WORKING				
		1-26-32	:04				
12-9-31	-	1-27-32	:04				
12-10-31	:04	1-27-32	:04				
12-11-31	:03	1-28-32	:03				
12-14-31	:02	1-29-32	:03				
12-15-31	:05	2-1-32	:03				
12-16-31	:05	2-2-32	WENT HOME AT 1:00				
12-19-31	:05	2-3-32	ABSENT				
12-1F-31	-	2-4-32	"				
12-21-31	:03	2-5-32	"				
12-22-31	:02	PERIOD 2-8-32	NOT WORKING				
12-23-31	:03	No. 23 2-7-32	ABSENT				
12-24-31	:03	2-10-32	"				
12-25-31	HOLIDAY	2-11-32	"				
12-28-31	:03	2-12-32	"				
12-29-31	:05	2-15-32	NOT WORKING				
12-30-31	-	2-16-32	ABSENT				
12-31-31	:04	2-17-32	"				
1-1-32	HOLIDAY	2-18-32	"				
1-4-32	:02	2-19-32	"				
1-5-32	:03	2-22-32	NOT WORKING				
1-6-32	:05	2-23-32	-				

OPEN  
#3

**UNIVERSITY OF WISCONSIN - MILWAUKEE**

**TOTAL PERSONAL TIME**

PERIODS	TOTAL TIME	AVERAGE PER DAY
PERIOD No. 2	264 MIN.	12.0 MIN
PERIOD No. 3	561 "	13.0 "
PERIOD No. 4	231.5 "	11.0 "
PERIOD No. 5	203.5 "	9.3 "
PERIOD No. 6	5 "	2 "
PERIOD No. 7	587 "	10.3 "
PERIOD No. 8	42 "	1.3 "
PERIOD No. 9	10.5 "	.5 "
PERIOD No. 10	232.5 "	3.6 "
PERIOD No. 11	187 "	4.3 "
PERIOD No. 12	730 "	11.2 "
PERIOD No. 13	896.5 "	5.4 "
PERIOD No. 14	240.5 "	7.1 "
PERIOD No. 15	833.5 "	5.1 "
PERIOD No. 16	131 "	6.1 "
PERIOD No. 17	697 "	6.3 "
PERIOD No. 18	531 "	9.2 "

A.M PERSONAL TIME OUT

PERIODS	TOTAL TIME	AVERAGE PER DAY
PERIOD No. 2	160 MIN.	6.7 MIN.
PERIOD No. 3	307 "	6.5 "
PERIOD No. 4	124.5 "	5.4 "
PERIOD No. 5	105 "	4.4 "
PERIOD No. 6	- "	- "
PERIOD No. 7	407 "	6.6 "
PERIOD No. 8	30.5 "	.7 "
PERIOD No. 9	7 "	.3 "
PERIOD No. 10	98 "	1.4 "
PERIOD No. 11	11 "	.3 "
PERIOD No. 12	402.5 "	5.7 "
PERIOD No. 13	370.5 "	2.1 "
PERIOD No. 14	88 "	2.6 "
PERIOD No. 15	200 "	1.1 "
PERIOD No. 16	40 "	.7 "
PERIOD No. 17	105 "	.9 "
PERIOD No. 18	148 "	2.6 "

R.M. PERSONAL TIME OUT

P.M. PERSONAL TIME OUT

PERIODS	TOTAL TIME	AVERAGE PER DAY
PERIOD No. 2	104 MIN.	5.2 MIN.
PERIOD No. 3	254 "	6.4 "
PERIOD No. 4	107 "	5.6 "
PERIOD No. 5	98.5 "	4.9 "
PERIOD No. 6	5 "	2 "
PERIOD No. 7	180 "	3.5 "
PERIOD No. 8	12 "	.3 "
PERIOD No. 9	3.5 "	.2 "
PERIOD No. 10	134.5 "	2.3 "
PERIOD No. 11	178 "	4.0 "
PERIOD No. 12	327.5 "	5.6 "
PERIOD No. 13	526 "	3.5 "
PERIOD No. 14	152.5 "	4.5 "
PERIOD No. 15	633.5 "	4.2 "
PERIOD No. 16	91 "	4.6 "
PERIOD No. 17	592 "	5.4 "
PERIOD No. 18	383 "	6.6 "

P.M. PERSONAL TIME OUT

SHEET No. 1

OPERATOR #3

PERSONAL TIME OUT - A.M.

	DATE	TIME OUT		DATE	TIME OUT		DATE	TIME OUT		DATE	TIME OUT
PERIOD	5-16-27	:09		6-22-27	:08	No. 4	8-9-27	:06		9-27-27	:04
NO. 2	5-18-27	:06		6-30-27	:01		8-10-27	:06		9-21-27	:05
	5-19-27	:04		7-1-27	:08		8-11-27	:06		9-28-27	:04½
	5-20-27	:08		7-2-27	:09		8-12-27	:05		9-30-27	:05
	5-21-27	:08		7-3-27	:08		8-13-27	:03		10-1-27	:05
	5-23-27	:06		7-6-27	:06		8-15-27	:06		10-3-27	:04½
	5-24-27	:05		7-7-27	:05		8-16-27	:07		10-4-27	:05
	5-25-27	:08		7-8-27	:07		8-17-27	:09		10-5-27	:04½
	5-26-27	:04		7-9-27	:06		8-18-27	:06½		10-6-27	:04
	5-27-27	:06		7-11-27	:04		8-19-27	:05		10-7-27	:05½
	5-28-27	:07		7-12-27	:05		8-20-27	:03	PERIOD	11-7-27	:07½
	5-31-27	:05		7-13-27	:08		ONE WEEK	No. 7	11-8-27	:07	
	6-1-27	:06		7-14-27	:05		VACATION		11-9-27	:07	
	6-2-27	:05		7-15-27	:03		8-21-27	:06		11-10-27	:05
	6-3-27	:09		7-16-27	:06		8-22-27	:05		11-11-27	:06
	6-4-27	:09		7-17-27	:07		8-31-27	:05		11-12-27	:04
	6-6-27	:07		7-18-27	:07		9-1-27	:05		11-13-27	:07
	6-7-27	:10		7-19-27	:07		9-2-27	:05½		11-14-27	:05
	6-8-27	:12		7-20-27	:08		9-3-27	:04½		11-15-27	:05
	6-9-27	:09		7-21-27	:08		9-6-27	:07		11-16-27	:05½
	6-10-27	:08		7-22-27	:08		9-7-27	:06		11-17-27	:06
	6-11-27	:09		7-23-27	:08		9-8-27	:06		11-18-27	:07
PERIOD	6-13-27	:07		7-24-27	:08		9-9-27	:08		11-19-27	:07
NO. 3	6-14-27	:06		7-25-27	:07	PERIOD	9-13-27	:05		11-20-27	:05½
	6-16-27	:05		7-26-27	:06	No. 5	9-14-27	:05½		11-21-27	:05
	6-17-27	:04		7-27-27	:07		9-15-27	:08		11-22-27	:06
	6-18-27	:07		7-28-27	:08		9-16-27	:05½		11-23-27	:06
	6-21-27	:04		8-1-27	:06		9-19-27	:05		11-24-27	:04½
	6-22-27	:07		8-2-27	:06		9-20-27	:06		11-25-27	:05
	6-23-27	:07		8-3-27	:04		9-21-27	:06		12-1-27	:04
	6-24-27	:08		8-4-27	:17		9-22-27	:03		12-2-27	:04½
	6-25-27	:08		8-5-27	:09		9-23-27	:05		12-3-27	:07
	6-27-27	:09		8-6-27	:07		9-24-27	:06½		12-5-27	:12
	6-28-27	:18	PERIOD	8-7-27	:25		9-26-27	:08½		12-6-27	:06

SHEET No. 2

OPERATOR #3

PERSONAL TIME OUT - A.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT		
12-7-29	:07	1-20-28	:09	No. 10	9-6-28	:07	10-24-28	:08	
12-8-27	:07	1-21-28	:05		9-7-28	:05	10-25-28	:07	
12-9-27	:06	PERIOD	1-23-28	:03½		9-8-28	:08	10-26-28	:06
12-10-27	:06	No. 8	1-24-28	:04		9-12-28	:04	10-27-28	:06
12-18-27	:05		1-25-28	:02½		9-13-28	:07	10-30-28	:07
12-13-27	:07		1-26-28	:05½		9-14-28	:05	10-31-28	:07
12-14-27	:07		1-28-28	:04		9-15-28	:04	11-1-28	:07
12-15-27	:04		2-4-28	:06		9-17-28	:05½	11-2-28	:06½
12-16-27	:09		2-6-28	:02		9-18-28	:08	11-3-28	:08
12-17-27	:06½		2-23-28	:03		9-19-28	:05	11-7-28	:06
12-19-27	:10	PERIOD	3-31-28	:04		9-20-28	:08½	11-8-28	:07
12-20-27	:07½	No. 9	4-7-28	:03		9-21-28	:07	11-9-28	:09
12-21-27	:07	PERIOD	4-19-28	:04		9-22-28	:06	11-10-28	:06
12-22-27	:09	No. 10	4-26-28	:07		9-25-28	:07	11-22-28	:09
12-23-27	:06½		4-28-28	:05		9-26-28	:06	11-14-28	:10
12-24-27	:07½		5-5-28	:07		9-27-28	:05	11-15-28	:08
12-27-27	:07½		5-9-28	:06		9-28-28	:06	11-16-28	:07
12-28-28	:07		5-12-28	:08		9-29-28	:05	11-17-28	:06
12-29-27	:10		5-19-28	:07		9-30-28	:07	11-18-28	:05
12-30-27	:07		5-26-28	:05		10-3-28	:04	11-21-28	:08
1-3-28	:08		6-2-28	:01½		10-4-28	:06	11-22-28	:05
1-4-28	:06		6-5-28	:05		10-5-28	:06	11-23-28	:09
1-5-28	:06½		6-13-28	:03		10-9-28	:05	11-24-28	:15
1-6-28	:09		6-16-28	:05½		10-10-28	:07	11-28-28	:09
1-7-28	:08		6-18-28	:03½		10-11-28	:07	11-18-12-8-28	:08
1-10-28	:07		6-21-28	:07		10-12-28	:05	12-15-28	:08
1-11-28	:07		6-23-28	:05		10-13-28	:07	12-22-28	:09
1-12-28	:06½		6-25-28	:02		10-15-28	:05	12-24-28	:09
1-13-28	:07		6-26-28	:04		10-18-28	:07	1-9-29	:07
1-14-28	:07		6-28-28	:09		10-18-28	:10	1-10-29	:08
1-15-28	:06½		6-30-28	:03½		10-19-28	:07	1-12-29	:09
1-17-28	:09	PERIOD	8-20-28	:06		10-20-28	:11	1-19-29	:03½
1-18-28	:01½	No. 11	8-30-28	:05		10-22-28	:06	1-19-29	:17
1-19-28	:07	PERIOD	9-4-28	:06½		10-23-28	:07	1-21-29	:09

SHEET No. 3

OPERATOR #3

P.M. PERSONAL TIME OUT - A.M.

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
DATE	OUT	DATE	OUT	DATE	OUT	DATE	OUT
1-26-29	:10	5-22-29	:06	9-19-29	:01	4-5-30	:05
2-1-29	:06	5-23-29	:05	9-21-29	:08	PERIOD	4-8-30 :05
2-2-29	:07	5-25-29	:07	9-26-29	:03	No. 16	4-12-30 :08
2-9-29	:08	5-27-29	:04	11-5-29	:03	4-23-30	:05
2-20-29	:07	6-1-29	:05	10-12-29	:04	4-26-30	:05
2-27-29	:05	6-5-29	:06	10-19-29	:05½	4-31-30	:06
2-28-29	:02	6-6-29	:06	10-24-29	:04	5-2-30	:05
3-6-29	:04	6-8-29	:07	10-26-29	:06	5-3-30	:06
3-9-29	:09	6-12-29	:04	11-2-29	:06	PERIOD	5-7-30 :05
3-18-29	:02	6-15-29	:05	11-7-29	:06	No. 17	5-12-30 :05
3-14-29	:07	6-26-29	:04	11-9-29	:06	5-21-30	:03
3-16-29	:08	6-29-29	:04	11-16-29	:03	5-23-30	:10
3-23-29	:06	PERIOD	7-1-29 :03	11-23-29	:05	5-28-30	:05
3-30-29	:06	No. 14	7-3-29 :05	11-27-29	:06	6-4-30	:04
4-2-29	:05	7-10-29	:05	11-30-29	:05	6-11-30	:05
4-4-29	:24	TWO WEEKS		12-7-29	:05	6-18-30	:06
4-6-29	:10	VACATION		12-11-29	:05½	6-25-30	:04
4-8-29	:05	7-31-29	:04	12-12-29	:01	7-9-30	:10
4-9-29	:05	8-1-29	:07	12-14-29	:06	TWO WEEKS	
4-10-29	:08	8-2-29	:08	12-19-29	:10	VACATION	
4-13-29	:02	8-6-29	:04	12-21-29	:08	7-30-30	:08
4-16-29	:08½	8-7-29	:05	1-4-30	:05	8-6-30	:17
4-17-29	:05	8-9-29	:04	1-11-30	:05	8-3-30	:04
4-20-29	:07	8-14-29	:05	1-18-30	:05	8-17-30	:05
4-24-29	:06	8-15-29	:05	1-25-30	:06	8-24-30	:03
4-25-29	:07	8-16-29	:07	2-1-30	:05	10-1-30	:14
4-27-29	:10	8-22-29	:05	2-8-30	:04	10-8-30	:03
5-1-29	:05	8-23-29	:10	2-15-30	:06	10-15-30	:05
5-3-29	:08½	8-26-29	:07	2-22-30	:08	10-22-30	:05
5-4-29	:05	8-28-29	:04	3-1-31	:06	10-24-30	:04
5-8-29	:06	PERIOD	9-6-29 :04	3-8-31	:05	PERIOD	10-22-30 :03
5-11-29	:08	No. 15	9-7-29 :16	3-15-31	:06	11-18	10-31-30 :16
5-15-29	:14	9-14-29	:03	3-22-31	:04	4-4-30	:02
5-18-29	:05	9-14-29	:05	3-29-31	:06	4-5-30	:03

SHEET No. 4

OPERATOR #3

PERSONAL TIME OUT - A.M.

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME		
11-7-30	:06	3-11-31	:06	7-9-31	:03	2-3-32	:03		
11-12-30	:03	3-13-31	:06	7-8-31	:04	2-5-32	:01		
11-14-30	:06	3-17-31	:03	TWO WEEKS PERIOD		2-10-32	:03		
11-17-30	:04	3-18-31	:05	VACATION	No. 23	2-12-32	:07		
11-19-30	:05	3-20-31	:09	3-29-31	:06	2-17-32	:02		
11-26-30	:07	3-25-31	:05	8-5-31	:01	2-24-32	:01		
12-5-30	:07	3-27-31	:05	8-18-31	:04				
12-10-30	:05	4-1-31	:06	8-19-31	:04				
12-12-30	:07	4-3-31	:05	8-21-31	:06				
12-15-30	:03	4-8-31	:08	8-28-31	:05				
12-17-30	:07	4-10-31	:05	8-31-31	:03				
12-19-30	:05	4-14-31	:02	9-2-31	:04				
12-22-30	:04	4-15-31	:05	9-9-31	:05				
12-28-30	:03	4-17-31	:05	9-11-31	:02				
1-7-31	:10	4-22-31	:05	9-28-31	:04				
1-14-31	:09	4-23-31	:08	9-30-31	:04				
1-16-31	:08	4-24-31	:05	10-17-31	:05				
1-21-31	:05	4-29-31	:05	10-14-31	:04				
1-23-31	:08	4-30-31	:02	10-16-31	:04				
1-28-31	:05	5-1-31	:04	10-21-31	:06				
1-30-31	:06	5-5-31	:01	10-23-31	:07				
2-4-31	:04	5-6-31	:06	10-28-31	:03				
2-6-31	:08	5-8-31	:07	11-4-31	:02				
PERIOD No. 19	2-11-31	:06	5-13-31	:04	11-13-31	:07			
	2-13-31	:06	5-15-31	:03	PERIOD	4-18-31	:01		
	2-18-31	:03	5-20-31	:04	No. 21	11-19-31	:06		
	2-20-31	:07	5-22-31	:05	11-20-31	:10			
	2-23-31	:04	PERIOD	5-27-31	:06	12-2-31	:02		
	2-25-31	:05	No. 20	5-28-31	:06	PERIOD	12-9-31	:05	
	2-26-31	:06	5-28-31	:03	No. 22	12-16-31	:02		
	2-27-31	:05	6-10-31	:04	1-6-32	:02			
	3-4-31	:05	6-17-31	:04	1-13-32	:03			
	3-6-31	:07	6-18-31	:04	1-27-32	:03			
	3-9-31	:05	6-23-31	:07	1-29-32	:01			

\* Previous month was only 26-5 closed  
for testing purposes

SHEET No. 1

OPERATOR #3

PERSONAL TIME OUT - P.M.

	TIME		TIME		TIME		TIME	
	DATE	OUT		DATE	OUT		DATE	OUT
PERIOD	5-16-27	:04		7-13-27	:03		9-2-27	:04
No. 2	5-17-27	:04		7-14-27	:06		9-6-27	:06
	5-19-27	:05		7-15-27	:08		9-7-27	:05
	5-20-27	:08		7-16-27	:07		9-8-27	:07
	5-25-27	:05		7-19-27	:07		9-9-27	:07
	5-26-27	:05		7-20-27	:06	PERIOD	9-12-27	:06
	5-27-27	:07		7-21-27	:08	No. 5	9-13-27	:05
	6-1-27	:06		7-22-27	:05		9-14-27	:04
	6-2-27	:08		7-25-27	:08		9-15-27	:05
	6-3-27	:06		7-26-27	:07		9-16-27	:05
	6-6-27	:09		7-27-27	:03		9-19-27	:04
	6-7-27	:10		7-28-27	:08		9-20-27	:05
	6-8-27	:09		7-29-27	:08		9-21-27	:07
	6-9-27	:09		8-1-27	:06		9-22-27	:06½
	6-10-27	:09		8-2-27	:09		9-23-27	:08
PERIOD	6-13-27	:06		8-3-27	:05		9-26-27	:07½
No. 3	6-14-27	:07		8-4-27	:09		9-28-27	:04
	6-15-27	:09		8-5-27	:05		9-29-27	:05
	6-17-27	:07	PERIOD	8-8-27	:05		9-30-27	:04½
	6-20-27	:10	No. 4	8-9-27	:06		10-3-27	:04½
	6-21-27	:08		8-10-27	:07		10-4-27	:06
	6-23-27	:07		8-11-27	:05		10-5-27	:05½
	6-24-27	:07		8-12-27	:05	PERIOD	10-6-27	:05
	6-27-27	:07		8-15-27	:07	No. 6	10-27-27	:05
	6-28-27	:08		8-16-27	:04		1-1-28	:05
	6-29-27	:18		8-17-27	:07	No. 7	11-8-27	:05
	6-30-27	:09		8-18-27	:06		1-9-28	:05
	7-1-27	:07		8-19-27	:04		1-10-28	:06½
	7-3-27	:05		DINE WEEKS			1-15-28	:05
	7-6-27	:03		VACATION			1-19-28	:04
	7-7-27	:06		8-29-27	:02		1-20-28	:04
	7-8-27	:07		8-30-27	:05		1-17-28	:04
	7-11-27	:06		8-31-27	:07		2-21-28	:03
	7-12-27	:06		9-1-27	:05		2-22-28	:03

SHEET NO. 2

OPERATOR #3

PERSONAL TIME OUT - P.M.

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
PERIOD	OUT	PERIOD	OUT	PERIOD	OUT	PERIOD	OUT
No. 9	3-29-28 .03½	PERIOD	7-2-28 .10	No. 12	7-5-28 .05	10-25-28 .04	
PERIOD	4-9-28 .01½	No. 11	7-3-28 .09	9-6-28 .05	10-26-28 .06		
No. 10	4-10-28 .04	7-5-28 .03	9-7-28 .06	10-30-28 .06			
	4/11-28 .04	7-6-28 .03½	9-10-28 .05½	10-31-28 .07			
	4-12-28 .02	7-7-28 .06	9-11-28 .06½	11-1-28 .03			
	4-13-28 .03	7-10-28 .05	9-12-28 .04	11-2-28 .07			
	4-16-28 .05	7-11-28 .05	9-13-28 .06	11-6-28 .07½			
	4-17-28 .04	7-12-28 .04	9-14-28 .06½	11-8-28 .04½			
	4-18-28 .05	7-13-28 .05	9-17-28 .08	11-12-28 .04½			
	4-19-28 .07	7-16-28 .04	9-18-28 .07½	11-14-28 .09			
	4-20-28 .07	7-17-28 .08	9-19-28 .05	11-15-28 .08½			
	4-24-28 .04	7-18-28 .06	9-20-28 .05½	11-16-28 .09			
	4-25-28 .03	7-19-28 .05	9-21-28 .08	11-17-28 .04			
	5-2-28 .04	7-20-28 .06	9-25-28 .03	11-20-28 .06			
	5-3-28 .01	7-23-28 .06	9-26-28 .07	11-21-28 .08			
	5-14-28 .03	7-24-28 .05	9-27-28 .04	11-22-28 .09			
	5-18-28 .04	7-25-28 .03	9-28-28 .05	11-23-28 .08½			
	5-21-28 .05	7-26-28 .13	10-1-28 .04	PERIOD 11-27-28 .03			
	5-25-28 .03	7-27-28 .05½	10-2-28 .08	No. 13 11-28-28 .07			
	5-27-28 .05	TWO WEEKS	10-3-28 .07	11-30-28 .05			
	5-31-28 .05	VACATION	10-5-28 .08	12-5-28 .04			
	6-4-28 .04	8-13-28 .04	10-6-28 .04	12-6-28 .04			
	6-5-28 .04	8-14-28 .03	10-9-28 .09	12-9-28 .04			
	6-6-28 .03	8-15-28 .04½	10-10-28 .05	12-12-28 .06			
	6-12-28 .04	8-17-28 .05	10-11-28 .09	12-14-28 .05			
	6-13-28 .05	8-20-28 .04	10-12-28 .06	12-18-28 .05			
	6-14-28 .07	8-21-28 .09	10-15-28 .08½	12-19-28 .05			
	6-18-28 .04	8-22-28 .05	10-16-28 .05	12-21-28 .05			
	6-19-28 .05	8-23-28 .05½	10-17-28 .05	12-24-28 .09			
	6-20-28 .04	8-24-28 .05½	10-18-28 .11	12-26-28 .06			
	6-22-28 .04	8-27-28 .06	10-19-28 .06	12-28-28 .05			
	6-26-28 .04	8-27-28 .10	10-22-28 .07	1-2-29 .04			
	6-27-28 .04	8-31-28 .04½	10-23-28 .09	1-3-29 .06			
	6-28-28 .13	PERIOD 7-4-28 .05	10-24-28 .07½	1-4-29 .04			

SHEET No. 3

OPERATOR #3

PERSONAL TIME OUT - P.M.

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
DATE	OUT	DATE	OUT	DATE	OUT	DATE	OUT
1-7-29	:07	4-5-29	:07	6-3-29	:05	8-22-29	:05
1-8-29	:06	4-8-29	:06	6-7-29	:05	8-23-29	:11
1-9-29	:05	4-10-29	:07	6-10-29	:06	8-26-29	:04
1-10-29	:06	4-11-29	:02	6-12-29	:04	8-27-29	:04
1-11-29	:06	4-13-29	:04½	6-13-29	:05	8-28-29	:05
1-14-29	:05	4-17-29	:06	6-14-29	:07	8-29-29	:04
1-15-29	:05	4-19-29	:09	6-17-29	:03	8-30-29	:05
1-16-29	:05	4-22-29	:05	6-19-29	:04	PERIOD 9-4-29	:03
1-17-29	:04	4-23-29	:03	6-26-29	:06	No. 15 9-5-29	:03
1-18-29	:04	4-24-29	:09	6-27-29	:05	9-6-29	:04
1-19-29	:08	4-25-29	:05	PERIOD 7-1-29	:05	9-10-29	:04
1-23-29	:04	4-29-29	:02	No. 14 7-5-29	:07	9-11-29	:02½
1-24-29	:05	4-30-29	:05	7-9-29	:05	9-13-29	:04
1-25-29	:03	5-1-29	:08	7-10-29	:06	9-16-29	:04
1-30-29	:07	5-2-29	:03	7-11-29	:14	9-17-29	:04
1-31-29	:06	5-3-29	:07	7-12-29	:13	9-18-29	:04½
2-1-29	:04	5-6-29	:06½	TWO WEEKS		9-20-29	:04
2-4-29	:07	5-7-29	:03	VACATION		9-23-29	:04
2-6-29	:05	5-8-29	:09	7-29-29	:05	9-24-29	:05
2-7-29	:06	5-9-29	:05	7-30-29	:04	9-27-29	:09
2-12-29	:05	5-10-29	:10	7-31-29	:05	9-30-29	:03
2-13-29	:06	5-13-29	:05	8-1-29	:04	10-1-29	:02
2-14-29	:10	5-14-29	:07	8-2-29	:07	10-2-29	:02
2-15-29	:04	5-15-29	:01	8-5-29	:05	10-4-29	:04
3-1-29	:05	5-16-29	:05	8-6-29	:05	10-7-29	:03
3-6-29	:04	5-19-29	:04	8-7-29	:04	10-8-29	:05
3-13-29	:05	5-20-29	:05	8-8-29	:05	10-9-29	:04
3-21-29	:03	5-21-29	:04	8-12-29	:05	10-10-29	:03
3-25-29	:02	5-23-29	:11	8-13-29	:03	10-11-29	:03
3-28-29	:14	5-24-29	:14	8-14-29	:03	10-15-29	:14
3-29-29	:07	5-27-29	:05	8-16-29	:09	10-16-29	:05
4-1-29	:07	5-28-29	:04	8-17-29	:03	10-17-29	:03
4-3-29	:06	5-29-29	:04	8-20-29	:03½	10-18-29	:05
4-4-29	:08	5-31-29	:05	8-21-29	:05	10-21-29	:05

SHEET NO. 4

OPERATOR #3

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
10-25-29	:05	12-16-29	:05	2-6-30	:04	4-3-30	:06
10-28-29	:04½	12-17-29	:06	2-7-30	:05	4-4-30	:06
10-29-29	:04	12-18-29	:04	2-10-30	:01	PERIOD	4-7-30 :05
10-30-29	:06	12-19-29	:05	2-11-30	:05	No. 16	4-8-30 :04
10-31-29	:03½	12-20-29	:05	2-13-30	:05	4-10-30	:06
11-1-29	:04½	12-21-29	:02	2-14-30	:05	4-11-30	:05
11-4-29	:04	12-26-29	:05	2-17-30	:06	4-14-30	:06
11-5-29	:04	12-27-29	:04	2-18-30	:05	4-15-30	:05
11-7-29	:06	12-30-29	:05	2-19-30	:05	4-16-30	:05
11-8-29	:05	12-31-29	:05½	2-20-30	:04	4-17-30	:05
11-11-29	:05	1-2-30	:04	2-21-30	:04	4-18-30	:07
11-12-29	:04	1-3-30	:04	2-24-30	:05	4-21-30	:05
11-13-29	:05	1-6-30	:06	2-25-30	:08	4-22-30	:05
11-14-29	:10	1-7-30	:05	2-26-30	:06	4-24-31	:05
11-15-29	:05	1-8-30	:05	2-27-30	:05	4-28-30	:08
11-18-29	:05	1-9-30	:09	2-28-30	:05	4-29-30	:09
11-19-29	:05	1-10-30	:04	3-3-31	:05	4-30-30	:04
11-20-29	:06	1-13-30	:05	3-4-30	:05	5-1-30	:05
11-21-29	:05	1-14-30	:05	3-5-30	:05	5-2-30	:06
11-22-29	:05	1-15-30	:07	3-6-30	:04	PERIOD	5-5-30 :05
11-25-29	:06	1-16-30	:05	3-7-30	:05	No. 17	5-6-30 :05
11-26-29	:05	1-17-30	:06	3-10-30	:05	5-7-30	:05
11-27-29	:07	1-20-30	:05	3-11-30	:05	5-8-30	:06
11-29-29	:05	1-21-30	:04	3-12-30	:06	5-9-30	:05
12-2-29	:05	1-22-30	:05	3-14-30	:05	5-12-30	:09
12-3-29	:05	1-23-30	:05	3-17-30	:05	5-13-30	:07
12-4-29	:04	1-24-30	:04	3-18-30	:05	5-14-30	:08
12-5-29	:05	1-25-30	:03	3-19-30	:03	5-15-30	:05
12-6-29	:05	1-28-30	:05	3-20-30	:02	5-16-30	:06
12-9-29	:09	1-30-30	:04	3-21-30	:15	5-19-30	:06
12-10-29	:04½	1-31-30	:09	3-24-30	:04	5-20-30	:05
12-11-29	:04	2-3-30	:05	3-28-30	:06	5-21-30	:07
12-12-29	:05	2-4-30	:05	3-31-30	:06	5-22-30	:05
12-13-29	:06	2-5-30	:05	4-1-30	:07	5-23-30	:06

SHEET No. 5

OPERATOR #3

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
5-26-30	:06	7-28-30	:05	9-15-30	:02	10-31-30	-
5-29-30	:05	7-29-30	:07	9-16-30	:06	11-3-30	:10
5-28-30	:06	7-31-30	:05	9-17-30	:04	11-4-30	:09
5-29-30	:05	8-1-30	:05	9-18-30	:04	11-5-30	:10
6-2-30	:05	8-4-30	:05	9-19-30	:06	11-6-30	:05
6-3-30	:05	8-5-30	:04	9-22-30	:05	11-7-30	-
6-4-30	:05	8-6-30	:04	9-23-30	:05	11-10-30	:05
6-5-30	:05	8-7-30	:05	9-24-30	:06	11-11-30	:05
6-6-30	:05	8-8-30	:06	9-25-30	:06	11-12-30	:05
6-9-30	:04	8-11-30	:05	9-26-30	:12	11-13-30	:05
6-10-30	:06	8-12-30	:10	9-29-30	:06	11-14-30	-
6-11-30	:05	8-13-30	:06	9-30-30	:05	11-17-30	:06
6-12-30	:05	8-14-30	:06	10-1-30	:04	11-18-30	:06
6-13-30	:06	8-15-30	:06	10-2-30	:05	11-19-30	:08
6-16-30	:06	8-18-30	:03	10-3-30	:05	11-20-30	:07
6-17-30	:06	8-19-30	:06	10-6-30	:06	11-21-30	:08
6-18-30	:05	8-20-30	:06	10-7-30	:04	11-24-30	:05
6-19-30	:05	8-21-30	:06	10-8-30	:04	11-25-30	:07
6-20-30	:06	8-22-30	:06	10-9-30	:05	11-26-30	:10
6-23-30	:06	8-25-30	:06	10-10-30	:08	11-27-30	HOLIDAY
6-24-30	:05	8-26-30	:06	10-13-30	:07	11-28-30	-
6-25-30	:05	8-27-30	:05	10-14-30	:04	12-1-30	:09
6-26-30	:04	8-28-30	:05	10-15-30	:05	12-2-30	:08
6-27-30	:05	8-29-30	:05	10-16-30	:04	12-3-30	-
6-30-30	:05	9-1-30	HOLIDAY	10-17-30	:06	12-4-30	:10
7-1-30	:04	9-2-30	:05	10-20-30	:06	12-5-30	-
7-2-30	:09	9-3-30	:05	10-21-30	:06	12-8-30	:04
7-4-30	HOLIDAY	9-4-30	:05	10-22-30	:05	12-9-30	:06
7-7-30	:04	9-5-30	:06	10-23-30	:05	12-10-30	:05
7-8-30	:05	9-6-30	:05	10-24-30	:08	12-11-30	:05
7-10-30	:04	9-7-30	:05	PERIOD 11-27-30	:05	12-12-30	-
7-11-30	:16	9-10-30	-	No. 18 10-28-30	:05	12-15-30	:06
TWO WEEKS		9-14-30	:05	10-29-30	:06	12-16-30	:07
VACATION		9-12-30	:04	10-30-30	:04	12-17-30	:06

SHEET NO. 6

OPERATOR #3

PERSONAL TIME OUT - P.M.

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
DATE OUT		DATE OUT		DATE OUT		DATE OUT	
12-18-30	:06	2-6-31	-	3-26-31	:07	5-13-31	:06
12-19-30	:16	PERIOD 2-9-31	:05	3-27-31	-	5-14-31	:07
12-22-30	:06	No. 19 2-10-31	:03	3-28-31	:05	5-15-31	-
12-23-30	:15	2-11-31	:05	3-31-31	:05	5-18-31	:05
12-24-30	:10	2-12-31	:04	4-1-31	:05	5-19-31	:06
12-25-30	HOLIDAY	2-13-31	-	4-2-31	:06	5-20-31	:01
12-26-30	-	2-16-31	:05	4-3-31	-	5-21-31	:05
12-27-30	:06	2-17-31	:05	4-6-31	:04	5-22-31	-
12-30-30	:06	2-18-31	:05	4-7-31	:05	PERIOD 5-25-31	:05
12-31-30	:08	2-19-31	:09	4-8-31	:02	No. 20 5-26-31	:07
1-5-31	:09	2-20-31	-	4-9-31	:05	5-29-31	:05
1-6-31	:07	2-23-31	:07	4-10-31	-	5-28-31	:08
1-7-31	:08	2-24-31	:05	4-13-31	:05	5-29-31	-
1-8-31	:04	2-25-31	:02	4-14-31	:05	6-1-31	:05
1-9-31	:06	2-26-31	:06	4-15-31	:05	6-2-31	:06
1-12-31	:05	2-27-31	-	4-16-31	:07	6-3-31	:05
1-13-31	:06	2-28-31	:10	4-17-31	-	6-4-31	:10
1-14-31	:02	3-3-31	:06	4-20-31	:06	6-5-31	:04
1-15-31	:03	3-4-31	:06	4-21-31	:05	6-8-31	:05
1-16-31	-	3-5-31	:05	4-22-31	:06	6-9-31	:05
1-19-31	:06	3-6-31	-	4-23-31	:04	6-10-31	:05
1-20-31	:07	3-7-31	:08	4-24-31	-	6-11-31	:05
1-21-31	:06	3-10-31	:07	4-27-31	:05	6-12-31	:05
1-22-31	:06	3-11-31	:12	4-28-31	:04	6-13-31	:05
1-23-31	-	3-12-31	:06	4-29-31	:05	6-16-31	:05
1-26-31	:06	3-13-31	-	4-30-31	:05	6-17-31	:05
1-27-31	:05	3-16-31	:08	5-1-31	-	6-18-31	:02
1-28-31	:05	3-17-31	:08	5-4-31	:04	6-19-31	:05
1-29-31	:06	3-18-31	:06	5-5-31	:04	6-22-31	:06
1-30-31	-	3-19-31	:08	5-6-31	:05	6-23-31	:06
2-2-31	:05	3-21-31	-	5-7-31	:05	6-24-31	:06
2-3-31	:05	3-23-31	:17	5-8-31	-	6-25-31	:05
2-4-31	:05	3-24-31	:15	5-11-31	:04	6-26-31	:07
2-5-31	:03	3-25-31	:08	6-1-31	:42	6-29-31	:04

SHEET No. 17

OPERATOR #3

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
6-30-31	:06	7-7-31	:09	10-10-31	-	12-1-31	:04
7-1-31	:04	8-28-31	:06	10-15-31	:06	12-2-31	:05
7-2-31	:06	8-31-31	:04	10-16-31	:05	12-3-31	:05
7-3-31	:05	9-1-31	:04	10-17-31	:05	12-4-31	:04
7-6-31	:05	7-22-31	:06	10-20-31	:05	PERIOD 12-2-31	:04
7-7-31	:05	9-3-31	-	10-21-31	-	12-22-31	12-8-31 :05
7-8-31	:05	9-4-31	:08	10-22-31	:07	12-9-31	-
7-9-31	:05	9-7-31	HOLIDAY	10-23-31	:06	12-10-31	:05
7-10-31	:09	9-8-31	:06	10-26-31	:05	12-11-31	:05
TWO WEEKS		9-9-31	:06	10-27-31	:04	12-14-31	:05
VACATION		9-10-31	:09	10-28-31	-	12-15-31	:05
7-27-31	:05	9-11-31	:05	10-29-31	:07	12-16-31	:06
7-28-31	:08	9-14-31	:07	10-30-31	:06	12-17-31	:06
7-29-31	:04	9-15-31	:02	11-2-31	:07	12-18-31	:04
7-30-31	:06	9-16-31	:06	11-3-31	:06	12-21-31	-
7-31-31	:06	9-17-31	:05	11-4-31	:06	12-22-31	:04
8-3-31	:06	9-18-31	:05	11-5-31	:04	12-23-31	:05
8-4-31	:06	9-21-31	:05	11-6-31	:05	12-24-31	:05
8-5-31	:15	9-22-31	:05	11-9-31	:06	12-25-31	HOLIDAY
8-6-31	:07	9-23-31	:07	11-10-31	:07	12-26-31	:07
8-7-31	:10	9-24-31	:04	11-11-31	:09	12-27-31	:07
8-10-31	:06	9-25-31	:10	11-12-31	:05	12-30-31	:05
8-11-31	:05	9-28-31	:06	11-13-31	:04	12-31-31	:07
8-12-31	:05	9-29-31	:07	PERIOD 11-16-31 WORKING		1-1-32	HOLIDAY
8-13-31	:03	9-30-31	-	NOT		1-4-32	:05
8-14-31	:07	10-1-31	:10	No 21 11-19-31 -		1-5-32	:05
8-17-31	:06	10-2-31	:05	11-18-31 :05		1-6-32	:04
8-18-31	:05	10-5-31	:05	11-19-31 :06		1-7-32	:03
8-19-31	:05	10-6-31	:07	11-20-31 :05		1-8-32	:03
8-20-31	:05	10-7-31	:08	11-21-31 :06		1-11-32	:05
8-21-31	:10	10-8-31	:07	11-22-31 :06		1-12-32	:07
8-24-31	:05	10-9-31	:05	11-26-31 HOLIDAY		1-13-32	:06
8-25-31	:06	10-12-31	:06	11-27-31 :05		1-14-32	:06
8-26-31	:05	10-13-31	:06	11-30-31 WORKING		1-15-32	:06

SHEET No. 8

OPERATOR #3

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
1-18-32	.05	3-4-32	.04				
1-19-32	-						
1-20-32	-						
1-21-32	.06						
1-22-32	.05						
1-23-32	NOT WORKING						
1-26-32	.04						
1-27-32	.04						
1-28-32	.08						
1-29-32	.05						
2-1-32	.04						
2-2-32	.04						
2-3-32	.03						
2-4-32	.06						
2-5-32	-						
PERIOD	2-8-32 WORKING						
No. 23	2-9-32 .04						
	2-10-32 .09						
	2-11-32 .08						
	2-12-32 .03						
	NOT WORKING						
	2-15-32 .04						
	2-16-32 .04						
	2-17-32 .04						
	2-18-32 .05						
	2-19-32 .04						
	NOT WORKING						
	2-22-32 .05						
	2-23-32 .05						
	2-24-32 .04						
	2-25-32 .05						
	2-26-32 .07						
	NOT WORKING						
	2-27-32 .04						
	3-1-32 .04						
	3-2-32 .04						
	3-3-32 .04						



**UNIVERSITY OF WISCONSIN - MILWAUKEE**

TOTAL PERSONAL TIME				
PERIODS	TOTAL TIME	AVERAGE PER DAY		
PERIOD No. 2	27.8 MIN.	12.7 MIN.		
PERIOD No. 3	576 "	16.5 "		
PERIOD No. 4	367.5 "	13.9 "		
PERIOD No. 5	281.5 "	12.8 "		
PERIOD No. 6	11.5 "	.5 "		
PERIOD No. 7	515.5 "	9.0 "		
PERIOD No. 8	172 "	4.5 "		
PERIOD No. 9	110 "	5.0 "		
PERIOD No. 10	752 "	11.2 "		
PERIOD No. 11	467.5 "	13.8 "		
PERIOD No. 12	1026.5 "	15.8 "		
PERIOD No. 13	1527 "	9.2 "		
PERIOD No. 14	273 "	8.0 "		
PERIOD No. 15	866 "	5.2 "		
PERIOD No. 16	105 "	4.8 "		
PERIOD No. 17	540 "	4.9 "		
PERIOD No. 18	360 "	6.2 "		

**A.M. PERSONAL TIME OUT**

<u>PERIODS</u>	<u>TOTAL TIME</u>	<u>AVERAGE PER DAY</u>
PERIOD No.2	150 MIN.	6.3 MIN.
PERIOD No.3	316 "	7.7 "
PERIOD No.4	203 "	7.0 "
PERIOD No.5	149.5 "	6.0 "
PERIOD No.6	5 "	.2 "
PERIOD No.7	377.5 "	6.1 "
PERIOD No.8	170 "	4.0 "
PERIOD No.9	110 "	3.0 "
PERIOD No.10	427.5 "	5.7 "
PERIOD No.11	240.5 "	7.1 "
PERIOD No.12	571 "	8.0 "
PERIOD No.13	888.5 "	4.9 "
PERIOD No.14	141 "	4.1 "
PERIOD No.15	239 "	1.3 "
PERIOD No.16	26 "	1.1 "
PERIOD No.17	62 "	.5 "
PERIOD No.18	97 "	1.7 "

A.M. PERSONAL TIME OUT

P.M. PERSONAL TIME OUT

PERIODS	TOTAL TIME	AVERAGE PER DAY
PERIOD No.2	129 MIN.	6.4 MIN.
PERIOD No.3	260 "	8.9 "
PERIOD No.4	164.5 "	6.9 "
PERIOD No.5	137 "	6.9 "
PERIOD No.6	6.5 "	.3 "
PERIOD No.7	138 "	2.7 "
PERIOD No.8	2 "	.5 "
PERIOD No.9	— "	— "
PERIOD No.10	324.5 "	6.5 "
PERIOD No.11	227 "	6.7 "
PERIOD No.12	455.5 "	7.7 "
PERIOD No.13	638.5 "	4.2 "
PERIOD No.14	132 "	3.9 "
PERIOD No.15	627 "	4.1 "
PERIOD No.16	79 "	3.9 "
PERIOD No.17	488 "	4.4 "
PERIOD No.18	263 "	4.5 "

P.M. PERSONAL TIME OUT

SHEET NO. 1

OPERATOR #4

PERSONAL TIME OUT - AM

	TIME		TIME		TIME		TIME	
	DATE	OUT		DATE	OUT		DATE	OUT
PERIOD	5-16-27	:07		7-5-27	:07		8-13-27	:08
No. 2	5-17-27	:07		7-6-27	:06		8-15-27	:07
	5-18-27	:07		7-7-27	:09		8-16-27	:08
	5-20-27	:07		7-8-27	:08		8-17-27	:09½
	5-21-27	:06		7-9-27	:08		8-18-27	:06
	5-23-27	:07		7-11-27	:10		8-19-27	:06
	5-24-27	:06		7-12-27	:10		8-20-27	:06
	5-25-27	:06		7-13-27	:10		8-22-27	:07
	5-26-27	:07		7-14-27	:07		8-23-27	:08½
	5-27-27	:06		7-15-27	:07		8-24-27	:05
	5-28-27	:05		7-16-27	:08		8-25-27	:10
	5-31-27	:08		7-18-27	:08		8-26-27	:06
	6-1-27	:07		7-19-27	:08		8-27-27	:06
	6-2-27	:06		7-20-27	:07		8-29-27	:06
	6-3-27	:10		7-21-27	:07		8-30-27	:05½
	6-4-27	:07		7-22-27	:09		8-31-27	:05
	6-7-27	:10		7-23-27	:05		9-1-27	:09
	6-8-27	:07		7-25-27	:07		9-2-27	:07
	6-9-27	:08		7-26-27	:10		9-3-27	:06
	6-10-27	:07		7-27-27	:09		9-6-27	:08½
PERIOD	6-11-27	:09		7-28-27	:09		9-7-27	:06
No. 3	6-13-27	:06		7-29-27	:07		9-8-27	:17
	6-14-27	:08		7-30-27	:07		9-9-27	:08
	6-15-27	:06		8-1-27	:07		9-10-27	:06
	6-16-27	:09		8-2-27	:08	PERIOD	9-12-27	:06
	6-17-27	:07		8-3-27	:05	No. 5	9-13-27	:07
	6-18-27	:10		8-4-27	:07		9-14-27	:06
	6-20-27	:08		8-5-27	:13		9-15-27	:05½
	6-21-27	:08		8-6-27	:08		9-16-27	:05
	6-22-27	:07	PERIOD	8-8-27	:07		9-17-27	:06
	6-23-27	:07	No. 4	8-9-27	:08		9-18-27	:06½
	6-24-27	:06		8-10-27	:08		9-19-27	:17
VACATION							9-20-27	:07
ONE WEEK							9-21-27	:08
							9-22-27	:08½
							9-23-27	:05½

SHEET NO. 2

OPERATOR #4

PERSONAL TIME OUT - A.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
11-30-27	.06	1-13-28	.09	2-25-28	.03	4-13-28	.06
12-1-27	.05	1-14-28	.07	2-27-28	.08½	4-14-28	.07
12-2-27	.05½	1-16-28	.06½	2-28-28	.04	4-16-28	.05
12-3-27	.05	1-17-28	.06	2-29-28	.05½	4-17-28	.06
12-5-27	.06	1-18-28	.06	3-1-28	.04	4-18-28	.05
12-6-27	.07½	1-19-28	.06	3-3-28	.05½	4-19-28	.06
12-7-27	.05	1-20-28	.05	3-5-28	.04½	4-20-28	.04
12-8-27	.04	1-21-28	.05	3-6-28	.06	4-21-28	.05
12-9-27	.07	PERIOD	1-23-28 .03½	PERIOD	3-13-28 .06	4-23-28	.05½
12-12-27	.06	No. 8	1-24-28 .05½	No. 9	3-14-28 .06	4-24-28	.06
12-13-27	.08		1-25-28 .04½		3-15-28 .05	4-25-28	.08
12-14-27	.07½		1-26-28 .08		3-16-28 .05½	4-26-28	.08
12-15-27	.05		1-27-28 .06		3-17-28 .07	4-27-28	.04
12-16-27	.06		1-28-28 .05		3-18-28 .05½	4-28-28	.06
12-17-27	.05		1-30-28 .06½		3-20-28 .03	4-30-28	.05
12-18-27	.08		1-31-28 .05		3-21-28 .05	5-1-28	.09
12-20-27	.07		2-1-28 .05		3-22-28 .05½	5-2-28	.05
12-21-27	.06		2-3-28 .06		3-23-28 .05½	5-3-28	.07
12-22-27	.06½		2-4-28 .04		3-24-28 .05	5-4-28	.07½
12-23-27	.06		2-6-28 .05		3-26-28 .05	5-5-28	.06
12-24-27	.03		2-7-28 .05		3-27-28 .04	5-7-28	.06
12-27-27	.07		2-8-28 .05		3-28-28 .04	5-8-28	.05
12-28-27	.06		2-9-28 .04		3-29-28 .04	5-9-28	.06
12-29-27	.08		2-13-28 .06		3-31-28 .05	5-10-28	.05
12-30-27	.05½		2-14-28 .07		4-1-28 .04	5-11-28	.06½
1-3-28	.04		2-15-28 .03		4-3-28 .05	5-12-28	.07½
1-4-28	.05		2-16-28 .05		4-4-28 .05	5-14-28	.06
1-5-28	.08		2-17-28 .05½		4-5-28 .01	5-15-28	.05½
1-6-28	.08		2-18-28 .03		4-6-28 .07	5-16-28	.08
1-7-28	.04		2-20-28 .03½		4-7-28 .04	5-17-28	.05
1-9-28	.05		2-21-28 .05½	PERIOD	4-9-28 .05½	5-18-28	.06
1-10-28	.06		2-22-28 .05	No. 10	4-10-28 .06½	5-19-28	.05
1-11-28	.06½		2-23-28 .05		4-11-28 .09	5-20-28	.03
1-12-28	.06		2-24-28 .04½		4-12-28 .05	5-22-28	.05½

SHEET NO. 3

OPERATOR #4

PERSONAL TIME OUT - A.M.

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME		
DATE	OUT	DATE	OUT	DATE	OUT	DATE	OUT		
5-23-28	:05	7-5-28	:07	PERIOD	9-4-28	:09	10-13-28	:08	
5-24-28	:04	7-6-28	:07	No. 12	9-5-28	:09	10-15-28	:07	
5-25-28	:06	7-7-28	:06		9-6-28	:10	10-16-28	:07	
5-26-28	:05	7-10-28	:06		9-7-28	:08	10-17-28	:07	
5-28-28	:06	7-11-28	:07		9-8-28	:07	10-18-28	:07	
5-29-28	:08	7-12-28	:07		9-10-28	:07	10-19-28	:09	
5-31-28	:08	7-13-28	:08		9-11-28	:09	10-20-28	:06½	
6-1-28	:06	7-16-28	:06		9-12-28	:07	10-22-28	:08	
6-2-28	:07	7-17-28	:08		9-13-28	:07	10-23-28	:08	
6-4-28	:05½	7-18-28	:09		9-14-28	:07	10-24-28	:08	
6-5-28	:08	7-19-28	:10		9-15-28	:05	10-25-28	:05	
6-6-28	:08	7-20-28	:10½		9-17-28	:10	10-26-28	:09	
6-7-28	:07	7-23-28	:08		9-18-28	:07½	10-27-28	:08	
6-8-28	:07	7-24-28	:09		9-19-28	:06	10-28-28	:06½	
6-9-28	:06½	7-25-28	:07½		9-20-28	:08½	10-30-28	:09	
6-11-28	:05	7-26-28	:05½		9-21-28	:07	10-31-28	:08	
6-12-28	:07½	7-27-28	:07½		9-22-28	:06	11-1-28	:10	
6-13-28	:07	TWO WEEKS			9-24-28	:09½	11-2-28	:06	
6-14-28	:07½	VACATION			9-25-28	:07	11-3-28	:10	
6-15-28	:07	8-1-28	:05		9-26-28	:10	11-5-28	:08	
6-16-28	:05	8-14-28	:07		9-27-28	:08	11-6-28	:08	
6-18-28	:07	8-15-28	:06		9-28-28	:08	11-7-28	:10	
6-19-28	:06	8-16-28	:06		9-29-28	:07½	11-8-28	:09	
6-20-28	:05	8-17-28	:07		10-1-28	:09	11-9-28	:09	
6-21-28	:07	8-20-28	:04		10-2-28	:07½	11-10-28	:09	
6-22-28	:07½	8-21-28	:07		10-3-28	:08	11-12-28	:09½	
6-23-28	:05	8-22-28	:10		10-4-28	:07	11-13-28	:07	
6-26-28	:06	8-23-28	:09		10-5-28	:08	11-14-28	:07½	
6-27-28	:06	8-24-28	:07		10-6-28	:09	11-15-28	:08	
6-28-28	:07	8-27-28	:06½		10-8-28	:07	11-16-28	:09	
6-29-28	:05	8-28-28	:06		10-9-28	:07	11-17-28	:08	
6-30-28	:05	8-29-28	:06		10-10-28	:09	11-18-28	:08	
PERIOD	7-2-28	:06	8-30-28	:06½		10-11-28	:09	11-19-28	:09
H. 11	7-3-28	:05½	8-31-28	:07		10-12-28	:07	11-20-28	:08

SHEET NO. A

OPERATOR #2

PERSONAL TIME OUT - A.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
11-22-28	.07	1-5-29	.05	2-14-29	.05	3-26-29	.04
11-23-28	.09	1-7-29	.05	2-15-29	.06	3-27-29	.04
11-24-28	.10½	1-8-29	.06	2-16-29	.08	3-28-29	.03
PERIOD No. 13	11-26-28 .08	1-9-29	.04	2-18-29	.08	3-29-29	.04
	11-27-28 .07	1-10-29	.05½	2-19-29	.08	3-30-29	.06
	11-28-28 .10	1-11-29	.06	2-20-29	.04	4-1-29	.04
	11-30-28 .07	1-12-29	.05	2-21-29	.04	4-2-29	.03
	12-1-28 .07	1-14-29	.05	2-22-29	.04	4-3-29	.04
	12-3-28 .07	1-15-29	.07½	2-23-29	.04	4-4-29	.04
	12-4-28 .06	1-16-29	.06	2-25-29	.03	4-5-29	.04
	12-5-28 .06	1-17-29	.06	2-26-29	.03	4-6-29	.05
	12-6-28 .07	1-18-29	.06½	2-27-29	.05	4-7-29	.03
	12-7-28 .06½	1-19-29	.04	2-28-29	.06	4-8-29	.05
	12-8-28 .08	1-21-29	.05	3-1-29	.04	4-10-29	.04
	12-10-28 .08	1-22-29	.05	3-2-29	.05	4-11-29	.05
	12-11-28 .07	1-23-29	.05	3-4-29	.06	4-12-29	.06½
	12-12-28 .08	1-24-29	.05	3-5-29	.06	4-13-29	.05
	12-13-28 .06	1-25-29	.06	3-6-29	.04	4-15-29	.05
	12-14-28 .06	1-26-29	.05	3-7-29	.04	4-16-29	.04
	12-15-28 .06	1-27-29	.04	3-8-29	.06	4-17-29	.04
	12-17-28 .07	1-29-29	.06	3-9-29	.04	4-18-29	.05
	12-18-28 .06	1-30-29	.06	3-11-29	.05	4-19-29	.06
	12-19-28 .07	1-31-29	.05	3-12-29	.03½	4-20-29	.07
	12-20-28 .07½	2-1-29	.05	3-13-29	.04	4-22-29	.05
	12-21-28 .06½	2-2-29	.06	3-14-29	.03	4-23-29	.03
	12-22-28 .07	2-4-29	.04	3-15-29	.05	4-24-29	.03
	12-24-28 .06	2-5-29	.05	3-16-29	.04	4-25-29	.06
	12-26-28 .07	2-6-29	.05	3-18-29	.05	4-26-29	.05
	12-27-28 .07	2-7-29	.05	3-19-29	.03	4-27-29	.03
	12-28-28 .15	2-8-29	.05	3-20-29	.05	4-28-29	.04
	12-31-28 .06	2-9-29	.07	3-21-29	.06	4-29-29	.04
	1-2-29 .06½	2-11-29	.04	3-22-29	.05	5-1-29	.05
	1-3-29 .05½	2-12-29	.03	3-23-29	.05	5-2-29	.14
	1-4-29 .07	2-13-29	.04	3-25-29	.04	5-3-29	.03

SHEET No. 5

OPERATOR #4

PERSONAL TIME OUT - A.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
5-4-29	.04	6-15-29	.05	8-14-29	.05	10-5-29	.04
5-6-29	.03	6-17-29	.05	8-15-29	.05½	10-11-29	.03
5-7-29	.03	6-18-29	.06	8-16-29	.04	10-12-29	.05
5-8-29	.04	6-19-29	.04½	8-17-29	.04	10-13-29	.05
5-9-29	.04	6-20-29	.05	8-18-29	.05	10-14-29	.03
5-10-29	.05	6-21-29	.04	8-19-29	.04	10-15-29	.05
5-11-29	.03	6-24-29	.04	8-22-29	.05	11-2-29	.06
5-13-29	.04	6-25-29	.05	8-23-29	.04	11-7-29	.05
5-15-29	.04	6-26-29	.04	8-26-29	.04	11-8-29	.05
5-16-29	.05	6-27-29	.05	8-27-29	.04	11-16-29	.06
5-17-29	.05	6-28-29	.03	8-28-29	.04	11-23-29	.05
5-18-29	.04	6-29-29	.04	8-29-29	.05	11-27-29	.05
5-20-29	.05	PERIOD	7-1-29 .05	8-30-29	.04	11-30-29	.15
5-21-29	.04	No. 14	7-2-29 .04	PERIOD	9-3-29 .04	12-7-29	.05
5-22-29	.15			No. 15	9-4-29 .03	12-11-29	.04½
5-23-29	.05			9-5-29	.03	12-14-29	.05
5-24-29	.03			9-6-29	.04	12-19-29	.14
5-25-29	.03			9-7-29	.05	12-21-29	.06
5-27-29	.05			9-9-29	.04	1-4-30	.05
5-28-29	.06			9-10-29	.04	1-9-30	.04
5-29-29	.04		TWO WEEKS	9-11-29	.04	1-11-30	.05
5-31-29	.04		VACATION	9-12-29	.04	1-16-30	.04
6-1-29	.14			9-13-29	.03	1-17-30	.05
6-3-29	.02			9-14-29	.04	1-25-30	.06
6-4-29	.04			9-16-29	.02	1-30-30	.05
6-5-29	.04			9-17-29	.01½	2-1-30	.05
6-6-29	.04			9-18-29	.02	2-8-30	.04
6-7-29	.04			9-19-29	.05	2-15-30	.04
6-8-29	.04			9-21-29	.03	2-22-30	.04
6-10-29	.03			9-24-29	.02	3-1-30	.05
6-11-29	.03			9-25-29	.02	3-8-30	.05
6-12-29	.04			9-28-29	.04	3-15-30	.06
6-13-29	.03			10-1-29	.02	3-21-30	.03
6-14-29	.05			10-3-29	.03	3-28-30	.05

SHEET No. 6

OPERATOR #4

PERSONAL TIME OUT - A.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
3-29-30	:06	12-5-30	:07	4-17-31	:05	8-26-31	:04
4-5-30	:05	12-10-30	:03	4-22-31	:05	8-28-31	:03
PERIOD No. 16	4-8-30 :04	12-12-30	:05	4-24-31	:05	9-2-31	:04
	4-12-30 :05	12-15-30	:02	4-29-31	:05	9-9-31	:04
	4-26-30 :08	12-17-30	:04	5-1-31	:05	9-16-31	:06
	4-30-30 :05	12-19-30	:03	5-6-31	:04	9-23-31	:04
	5-3-30 :04	12-21-30	:03	5-8-31	:05	9-25-31	:01
PERIOD No. 17	5-7-30 :05	1-14-31	:04	5-13-31	:04	9-30-31	:03
	5-21-30 :03	1-16-31	:07	5-15-31	:05	10-2-31	:02
	5-28-30 :04	1-21-31	:03	5-20-31	:05	10-7-31	:02
	6-11-30 :04	1-23-31	:05	5-22-31	:05	10-14-31	:04
	6-18-30 :03	1-28-31	:03	PERIOD No. 20	5-27-31 :04	10-16-31	:03
	6-25-30 :03	1-30-31	:04	5-28-31	:06	10-21-31	:04
	7-9-30 :03	2-4-31	:04	5-29-31	:08	10-28-31	:04
	7-10-30 :03	2-6-31	:05	6-3-31	:04	10-28-31	:03
TWO WEEKS	PERIOD VACATION	2-11-31	:05	6-4-31	:03	11-4-31	:15
	No. 19	2-13-31	:06	6-5-31	:03	11-6-31	:04
	7-30-30 :04	2-18-31	:03	6-10-31	:04	11-11-31	:03
	8-6-30 :04	2-25-31	:04	6-15-31	:03	11-12-31	:02
	8-20-30 :02	2-26-31	:04	6-17-31	:03	11-13-31	:03
	8-22-30 :03	2-27-31	:07	6-24-31	:04	PERIOD No. 21	11-18-31 :02
	10-1-30 :04	3-4-31	:04	7-1-31	:05	11-20-31	:04
	10-8-30 :02	3-6-31	:05	7-2-31	:13	11-24-31	:01
	10-15-30 :03	3-11-31	:04	7-3-31	:03	11-25-31	:04
	10-22-30 :02	3-13-31	:05	7-8-31	:04	11-27-31	:01
PERIOD No. 18	10-27-30 :03	3-18-31	:05	7-10-31	:04	12-2-31	:04
	10-31-30 :05	3-20-31	:05	TWO WEEKS	PERIOD VACATION	12-9-31	:04
	11-5-30 :03	3-25-31	:04	No. 22	12-4-31	:02	
	11-9-30 :06	3-27-31	:07	12-8-31	:04	12-16-31	:03
	11-12-30 :03	4-1-31	:05	12-5-31	:05	12-18-31	:03
	11-14-30 :05	4-3-31	:05	12-12-31	:03	12-23-31	:02
	11-19-30 :04	4-8-31	:07	12-14-31	:03	12-30-31	:02
	11-26-30 :04	4-10-31	:05	12-19-31	:03	1-6-31	:03
	12-3-30 :02	4-15-31	:05	12-21-31	:03	1-8-31	:03

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No. 22 vacation closed 3/26-3/26-5  
No. 23 vacation started 4/1-4/15-5

SHEET No. 7

OPERATOR #4

PERSONAL TIME OUT - A.M.

SHEET No. 1

OPERATOR #4

PERSONAL TIME OUT - P.M.

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
PERIOD 5-16-27	:07	7-13-27	:10	8-30-27	:07	11-15-27	:04½
No. 2 5-17-27	:08	7-14-27	:08	8-31-27	:05	11-16-27	:06½
5-18-27	:08	7-15-27	:08	9-1-27	:09	11-17-27	:05½
5-19-27	:09	7-16-27	:07	9-2-27	:07	11-18-27	:04
5-20-27	:07	7-17-27	:07	9-6-27	:08½	11-21-27	:05½
5-22-27	:08	7-20-27	:09	9-7-27	:07	11-23-27	:06
5-25-27	:06	7-21-27	:08	9-8-27	:06½	12-1-27	:05
5-26-27	:06	7-22-27	:08	9-9-27	:06	12-5-27	:03
5-27-27	:06	7-25-27	:08	PERIOD 9-18-27	:08½	12-7-27	:05
6-1-27	:07	7-26-27	:07	No. 5 9-13-27	:08	12-14-27	:05
6-2-27	:08	7-27-27	:09	9-14-27	:07	12-16-27	:03
6-3-27	:08	7-28-27	:08	9-15-27	:07	12-20-27	:02½
6-6-27	:09	7-29-27	:08	9-16-27	:08½	12-21-27	:04
6-7-27	:08	8-1-27	:11	9-19-27	:06	12-22-27	:02½
6-8-27	:09	8-2-27	:10	9-20-27	:07½	12-23-27	:04½
6-9-27	:06	8-3-27	:06	9-21-27	:07½	12-29-27	:05
6-10-27	:08	8-4-27	:09	9-22-27	:05	12-30-27	:05
PERIOD 6-13-27	:08	8-5-27	:06	9-23-27	:06½	1-6-28	:03
No. 3 6-14-27	:07	PERIOD 8-8-27	:08	9-26-27	:06½	1-10-28	:02½
6-15-27	:09	No. 4 8-9-27	:08	9-27-27	:06	1-11-28	:04
6-16-27	:05	8-10-27	:09	9-28-27	:08	1-12-28	:05
6-17-27	:07	8-11-27	:08	9-29-27	:07	1-17-28	:04
6-20-27	:08	8-12-27	:10	9-30-27	:05	1-18-28	:04
6-21-27	:10	8-15-27	:07	10-3-27	:07	1-19-28	:06
6-22-27	:08	8-16-27	:06	10-4-27	:08	1-20-28	:05
6-23-27	:18	8-19-27	:06	10-5-27	:06	PERIOD 2-21-28	:02
VACATION		8-18-27	:06	10-6-27	:07	PERIOD 4-9-28	:06
ONE WEEK		8-19-27	:06	10-9-27	:15	No. 10 4-10-28	:06
7-5-27	:06	8-22-27	:05	PERIOD No. 6 10-27-28	:06½	4-11-28	:07½
7-6-27	:05	8-23-27	:06	PERIOD 11-2-29	:07	4-12-28	:06
7-9-27	:07	8-24-27	:06	No. 7 11-8-29	:06	4-13-28	:04
7-10-27	:07	8-25-27	:06	11-9-29	:05	4-16-28	:06
7-11-27	:07	8-26-27	:06	11-10-29	:06	4-19-28	:06
7-12-27	:09	8-29-27	:05½	11-11-29	:03	4-18-28	:04

SHEET No. 2

OPERATOR #4

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
4-23-28	.05 $\frac{1}{2}$	6-14-28	.06	8-15-28	.06	10-8-28	.07
4-24-28	.05	6-15-28	.07	8-17-28	.07	10-9-28	.07
4-25-28	.05	6-18-28	.06	8-20-28	.07	10-10-28	.07
4-26-28	.06	6-19-28	.08	8-21-28	.07	10-11-28	.06
4-27-28	.05	6-20-28	.06	8-22-28	.06	10-12-28	.07
5-1-28	.03	6-21-28	.09	8-23-28	.07 $\frac{1}{2}$	10-15-28	.07
5-2-28	.07	6-22-28	.06	8-24-28	.06	10-16-28	.07
5-3-28	.07	6-25-28	.07 $\frac{1}{2}$	8-29-28	.06	10-17-28	.08
5-4-28	.06	6-26-28	.05 $\frac{1}{2}$	8-28-28	.07	10-18-28	.10
5-8-28	.08 $\frac{1}{2}$	6-27-28	.06 $\frac{1}{2}$	8-30-28	.04	10-19-28	.08
5-9-28	.06	6-29-28	.07	8-31-28	.07	10-22-28	.08
5-10-28	.08	PERIOD	7-2-28	.07	PERIOD	9-4-28	.07
5-11-28	.04	No. 11	7-3-28	.08	No. 12	9-5-28	.10
5-14-28	.07	7-5-28	.06 $\frac{1}{2}$	9-6-28	.10	10-24-28	.08
5-15-28	.06	7-6-28	.07	9-7-28	.07 $\frac{1}{2}$	10-25-28	.08
5-16-28	.04	7-9-28	.08	9-10-28	.08	10-26-28	.07
5-18-28	.05	7-10-28	.05	9-11-28	.06	10-30-28	.09
5-31-28	.06	7-11-28	.09	9-12-28	.06	10-31-28	.10
5-22-28	.06	7-12-28	.06	9-13-28	.07	11-1-28	.08
5-23-28	.05	7-13-28	.06	9-14-28	.06	11-2-28	.06 $\frac{1}{2}$
5-24-28	.05	7-16-28	.07	9-17-28	.04	11-5-28	.09
5-25-28	.06 $\frac{1}{2}$	7-17-28	.08	9-18-28	.07	11-6-28	.10
5-26-28	.05	7-18-28	.08	9-19-28	.07	11-7-28	.08
5-29-28	.08 $\frac{1}{2}$	7-19-28	.09	9-20-28	.08	11-8-28	.09
5-31-28	.07	7-20-28	.06	9-21-28	.08	11-9-28	.10
6-1-28	.05 $\frac{1}{2}$	7-23-28	.07	9-24-28	.06	11-12-28	.07
6-4-28	.06	7-24-28	.07 $\frac{1}{2}$	9-25-28	.08	11-13-28	.09 $\frac{1}{2}$
6-5-28	.07	7-25-28	.07 $\frac{1}{2}$	9-26-28	.08	11-14-28	.08
6-6-28	.05	7-26-28	.10	9-27-28	.06	11-15-28	.08
6-7-28	.06	7-27-28	.05	9-28-28	.07	11-16-28	.08
6-8-28	.06	TWO WEEKS		10-2-28	.09	11-17-28	.07
6-11-28	.08	VACATION		10-3-28	.07	11-20-28	.07
6-12-28	.07	8-19-28	.08	10-4-28	.09	11-21-28	.08
6-13-28	.09	8-14-28	.06	10-5-28	.10	11-22-28	.11

SHEET No. 3

OPERATOR # A

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
4-23-28	:09	4-21-29	:05	3-12-29	:04½	5-1-29	:04
PERIOD No. 13		4-22-29	:05	3-13-29	:04	5-2-29	:03
4-27-28	:06	4-23-29	:05	3-14-29	:06	5-3-29	:03
4-28-28	:07	4-24-29	:05	3-15-29	:07	5-6-29	:04
4-30-28	:05½	4-25-29	:05	3-16-29	:04	5-7-29	:03
5-3-28	:05	4-26-29	:05	3-17-29	:06	5-8-29	:04
5-4-28	:04	4-27-29	:04	3-18-29	:05	5-9-29	:04
5-6-28	:06	4-28-29	:05	3-19-29	:05	5-10-29	:03
5-7-28	:05	4-29-29	:06	3-20-29	:04	5-11-29	:04
5-10-28	:07	5-1-29	:05	3-21-29	:04	5-14-29	:04
5-12-28	:06	5-2-29	:05	3-22-29	:04	5-15-29	:04
5-13-28	:06	5-3-29	:03	3-23-29	:04	5-16-29	:03½
5-14-28	:04	5-4-29	:06	3-24-29	:03	5-17-29	:04
5-17-28	:04	5-5-29	:05	3-25-29	:04	5-20-29	:05
5-18-28	:05	5-6-29	:04	4-1-29	:04	5-21-29	:04
5-19-28	:06	5-7-29	:06	4-2-29	:03	5-22-29	:07
5-20-28	:05	5-8-29	:03	4-3-29	:04	5-23-29	:05
5-21-28	:07	5-11-29	:02	4-4-29	:05	5-24-29	:04
5-24-28	:07	5-15-29	:03	4-5-29	:04	5-25-29	:04
5-26-28	:07½	5-18-29	:03	4-8-29	:04	5-31-29	:05
5-28-28	:06	5-19-29	:03	4-9-29	:06	6-3-29	:04
5-31-28	:10	5-20-29	:06	4-10-29	:04	6-4-29	:04
6-2-29	:05	5-21-29	:06	4-11-29	:04	6-5-29	:04
6-3-29	:05	5-22-29	:03	4-16-29	:03	6-6-29	:03
6-4-29	:06	5-25-29	:03	4-17-29	:04	6-7-29	:05
6-7-29	:05	5-26-29	:04	4-18-29	:03	6-10-29	:05
6-8-29	:06	5-27-29	:04	4-19-29	:02½	6-12-29	:05
6-9-29	:04	5-1-29	:04	4-22-29	:03	6-13-29	:05
6-10-29	:05	5-4-29	:06	4-23-29	:04	6-14-29	:04
6-14-29	:05	5-5-29	:05	4-24-29	:03	6-17-29	:03
6-15-29	:08	5-6-29	:06	4-25-29	:04	6-20-29	:06
6-16-29	:08	5-7-29	:06	4-26-29	:04	6-21-29	:04
6-17-29	:07	5-8-29	:04	4-29-29	:04	6-24-29	:04
6-18-29	:07	5-11-29	:04	4-30-29	:03	6-25-29	:04

SHEET NO. 4

OPERATOR #4

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
6-26-29	:05	7-29-29	:04	10-20-29	:04½	12-11-29	:11
6-27-29	:03	7-30-29	:05	10-23-29	:05	12-12-29	:05
6-28-29	:03	PERIOD 7-4-29	:04	10-24-29	:04½	12-13-29	:05
PERIOD 7-1-29	:05	No. 15	7-5-29 :04	10-25-29	:04	12-14-29	:05
No. 1A 7-2-29	:05	7-6-29	:04	10-28-29	:05	12-17-29	:06
7-5-29	:05	7-9-29	:02	10-29-29	:04	12-18-29	:04
7-8-29	:02	7-10-29	:04	11-30-29	:05½	12-19-29	:04
7-9-29	:03	7-11-29	:03	11-31-29	:05	12-23-29	:05
7-10-29	:03	7-13-29	:03	12-1-29	:05	12-24-29	:04
7-11-29	:04	7-16-29	:04	12-4-29	:06	12-26-29	:05
7-12-29	:05	7-17-29	:04	12-5-29	:05	12-27-29	:04
TWO WEEKS		7-18-29	:03	12-7-29	:05	12-30-29	:05
VACATION		7-19-29	:04	12-8-29	:05	12-31-29	:07
7-27-29	:05	7-20-29	:04	12-11-29	:05	1-2-30	:04
7-30-29	:04	7-23-29	:04	12-12-29	:04	1-3-30	:04
7-31-29	:05	7-24-29	:04	12-13-29	:05	1-6-30	:05
8-1-29	:04	7-26-29	:03	12-14-29	:05	1-7-30	:05
8-2-29	:05	7-27-29	:05	12-15-29	:05	1-8-30	:04
8-5-29	:05	7-30-29	:04	12-18-29	:05	1-9-30	:05
8-7-29	:04	10-1-29	:02	12-19-29	:05	1-10-30	:04
8-8-29	:05	10-2-29	:02	12-20-29	:05½	1-13-30	:05
8-9-29	:04	10-3-29	:04	12-21-29	:05	1-14-30	:05
8-12-29	:04	10-4-29	:03	12-22-29	:04½	1-15-30	:05
8-13-29	:04	10-7-29	:03	12-23-29	:06	1-16-30	:05
8-14-29	:03	10-8-29	:04½	12-26-29	:05	1-19-30	:05
8-16-29	:02	10-9-29	:03	12-27-29	:03	1-20-30	:04
8-19-29	:04	10-10-29	:03	12-27-29	:08	1-21-30	:04
8-20-29	:03	10-11-29	:04	12-28-29	:07	1-22-30	:05
8-21-29	:05	10-14-29	:04	12-31-29	:05	1-23-30	:05
8-22-29	:04	10-15-29	:04	12-4-29	:04	1-24-30	:05
8-23-29	:04	10-16-29	:03	12-5-29	:05	1-27-30	:04
8-26-29	:04	11-17-29	:04½	12-6-29	:05	1-28-30	:05
8-27-29	:04	11-18-29	:05	12-7-29	:06	1-30-30	:04
8-28-29	:05	11-21-29	:03½	12-10-29	:04½	1-31-30	:05

SHEET No. 5

OPERATOR #4

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
2-3-30	:05	3-24-30	:04	3-15-30	:06	7-3-30	:06
2-4-30	:05	3-25-30	:05	3-16-30	:04	7-4-30	Holiday
2-5-30	:05	3-26-30	:04	3-17-30	:05	7-5-30	:04
2-6-30	:04	3-27-30	:04	3-18-30	:04	7-6-30	:03
2-7-30	:04	3-28-30	:04	3-19-30	:05	7-10-30	:04
2-10-30	:04	4-1-30	:05	3-22-30	:05	7-11-30	:10
2-11-30	:04	4-4-30	:05	3-23-30	:06	TWO WEEKS	
2-12-30	:04	PERIOD 4-7-30	:04	3-26-30	:05	VACATION	
2-13-30	:05	No. 16 4-8-30	:03	3-27-30	:05	7-28-30	:05
2-14-30	:05	4-9-30	:04	3-28-30	:03	7-29-30	:05
2-17-30	:04	4-11-30	:04	3-29-30	:04	7-30-30	:12
2-18-30	:04	4-14-30	:05	4-2-30	:04	7-31-30	:05
2-19-30	:04	4-15-30	:05	4-3-30	:05	8-1-30	:05
2-20-30	:04	4-16-30	:05	4-4-30	:04	8-4-30	:04
2-21-30	:04	4-17-30	:04	4-5-30	:04	8-5-30	:05
2-24-30	:04	4-18-30	:05	4-6-30	:05	8-6-30	:03
2-25-31	:03	4-21-30	:03	4-9-30	:03	8-7-30	:05
2-26-30	:06	4-22-30	:05	4-10-30	:03	8-8-30	:05
2-27-30	:05	4-23-30	:04	4-11-30	:05	8-11-30	:03
2-28-30	:05	4-24-30	:04	4-12-30	:04	8-12-30	:04
3-3-30	:04	4-25-30	:04	4-13-30	:04	8-13-30	:03
3-4-30	:04	4-28-30	:05	4-16-30	:05	8-14-30	:05
3-5-30	:05	4-29-30	:04	4-17-30	:04	8-15-30	:05
3-6-30	:04	4-30-30	:04	4-18-30	:05	8-16-30	:03
3-7-30	:05	5-1-30	:04	4-19-30	:04	8-19-30	:02
3-10-30	:03	5-2-30	:05	4-20-30	:05	8-20-30	:04
3-11-30	:05	PERIOD 5-6-30	:04	4-23-30	:06	8-21-30	:15
3-13-30	:05	No. 17 5-6-30	:04	4-24-30	:05	8-22-30	:05
3-14-30	:04	5-7-30	:05	4-25-30	:03	8-25-30	:05
3-17-30	:04	5-8-30	:04	4-26-30	:04	8-26-30	:05
3-18-30	:04	5-9-30	:05	4-27-30	:05	8-27-30	:05
3-19-30	:04	5-12-30	:07	4-30-30	:03	8-28-30	:05
3-20-30	:03	5-13-30	:05	5-1-30	:14	8-29-30	:04
3-21-31	:05	5-14-30	:04	5-2-30	:05	8-30-30	Holiday

SHEET NO. 6

OPERATOR #4

PERSONAL TIME OUT - P.M.

DATE	TIME		DATE	TIME		DATE	TIME		DATE	TIME
8-2-30	:04		10-20-30	:05		12-5-30	-		1-26-31	:04
9-2-30	:05		10-21-30	:05		12-8-30	:03		1-27-31	:03
9-4-30	:04		10-22-30	:01		12-9-30	:03		1-28-31	:04
9-5-30	:05		10-23-30	:04		12-10-30	:03		1-29-31	:04
9-6-30	:05		10-24-30	:04		12-11-30	:03		1-30-31	-
9-7-30	:04	PERIOD	10-27-30	:05		12-12-30	-		2-2-31	:04
9-10-30	:01	No. 18	10-28-30	:05		12-15-30	:05		2-3-31	:05
9-11-30	:03		10-29-30	:04		12-16-30	:04		2-4-31	:05
9-12-30	:03		10-30-30	:06		12-17-30	:03		2-5-31	:19
9-15-30	:05		10-31-30	-		12-18-30	:03		2-6-31	-
9-16-30	:05		11-3-30	:00		12-19-30	:05	PERIOD	2-9-31	:14
9-17-30	:03		1-4-30	:04		12-22-30	:05	No. 19	2-10-31	:16
9-18-30	:04		1-5-30	:05		12-23-30	:05		2-11-31	:04
9-19-30	:06		1-6-30	:03		12-24-30	:10		2-12-31	:03
9-22-30	:03		1-7-30	-		12-25-30	HOLIDAY		2-13-31	-
9-23-30	:05		1-10-30	:05		12-26-30	-		2-16-31	:03
9-24-30	:04		1-11-30	:02		12-27-30	:06		2-17-31	:04
9-25-30	:05		1-12-30	:04		12-30-30	:04		2-18-31	:05
9-26-30	:04		1-13-30	:05		12-31-30	:05		2-19-31	:05
9-27-30	:02		1-14-30	-		1-5-31	:03		2-20-31	ABSENT
9-30-30	:06		1-17-30	:04		1-6-31	:05		2-29-31	:05
10-1-30	:03		1-18-30	:05		1-7-31	:05		2-24-31	:03
10-2-30	:06		1-19-30	:03		1-8-31	:03		2-25-31	:09
10-3-30	:05		1-20-30	:06		1-9-31	:05		2-26-31	:04
10-6-30	:04		1-21-30	:06		1-12-31	:03		2-27-31	-
10-7-30	:04		1-22-30	:03		1-13-31	:06		3-2-31	:05
10-8-30	:04		1-25-30	:04		1-14-31	:05		3-3-31	:05
10-9-30	:06		1-26-30	:08		1-15-31	:03		3-4-31	:03
10-10-30	:05		1-27-30	HOLIDAY		1-16-31	-		3-5-31	:04
10-13-30	:05		1-28-30	-		1-19-31	:04		3-6-31	-
10-14-30	:05		1-29-30	:04		1-20-31	:06		3-7-31	:05
10-15-30	:04		1-2-30	:09		1-21-31	:04		3-10-31	:05
10-16-30	:04		1-3-30	:04		1-22-31	:04		3-11-31	:04
10-17-30	:05		1-4-30	:05		1-23-31	-		3-12-31	:04

SHEET No. 7

OPERATOR #4

PERSONAL TIME OUT - PM.

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
DATE	OUT	DATE	OUT	DATE	OUT	DATE	OUT
3-13-31	-	4-3-31	:04	6-17-31	:04	8-14-31	:08
3-16-31	:06	5-1-31	-	6-18-31	:05	8-17-31	:06
3-17-31	:06	5-4-31	:03	6-19-31	:05	8-18-31	:04
3-18-31	:08	5-5-31	:07	6-22-31	:05	8-19-31	:05
3-19-31	:04	5-6-31	:11	6-23-31	:04	8-20-31	:04
3-20-31	-	5-7-31	:05	6-24-31	:06	8-21-31	:05
3-23-31	:04	5-8-31	-	6-25-31	:04	8-24-31	:03
3-24-31	:05	5-11-31	:04	6-26-31	:08	8-25-31	:06
3-25-31	:04	5-12-31	:10	6-29-31	:05	8-26-31	:05
3-26-31	:04	5-13-31	:05	6-30-31	:06	8-27-31	:07
3-27-31	-	5-14-31	:06	7-1-31	:03	8-28-31	:05
3-30-31	:05	5-15-31	-	7-2-31	:06	8-31-31	:05
3-31-31	:05	5-18-31	:05	7-3-31	:03	9-1-31	:04
4-1-31	:05	5-19-31	:06	7-6-31	:05	9-2-31	:04
4-2-31	:05	5-20-31	:01	7-7-31	:05	9-3-31	:05
4-3-31	-	5-21-31	:05	7-8-31	:03	9-4-31	:06
4-6-31	:04	5-22-31	-	7-9-31	:04	9-7-31	HOLIDAY
4-7-31	:05	PERIOD 5-25-31	:04	7-10-31	:08	9-8-31	:05
4-8-31	:03	No. 20 5-26-31	:05	TWO WEEKS		9-9-31	:06
4-9-31	:04	5-27-31	:05	VACATION		9-10-31	:06
4-10-31	-	5-28-31	:05	7-29-31	:04	9-11-31	:05
4-19-31	:02	5-29-31	:04	7-29-31	:07	9-14-31	:04
4-14-31	:04	6-1-31	:05	7-29-31	:04	9-15-31	:04
4-15-31	:06	6-2-31	:05	7-30-31	:06	9-16-31	:06
4-16-31	:05	6-3-31	:04	7-31-31	:06	9-17-31	:05
4-17-31	-	6-4-31	:05	8-3-31	:06	9-18-31	:05
4-20-31	:11	6-5-31	:04	8-4-31	:07	9-21-31	:06
4-21-31	:15	6-8-31	:04	8-5-31	:07	9-22-31	:05
4-22-31	:29	6-9-31	:06	8-6-31	:08	9-23-31	:06
4-23-31	:04	6-10-31	:05	8-7-31	:06	9-24-31	:04
4-24-31	-	6-11-31	:05	8-10-31	:05	9-25-31	:07
4-27-31	:05	6-12-31	:03	8-11-31	:05	9-26-31	:06
4-28-31	:05	6-15-31	:04	8-12-31	:08	9-29-31	:05
4-29-31	:05	6-16-31	:05	8-13-31	:05	9-30-31	:03

SHEET No. 8

OPERATOR #4

PERSONAL TIME OUT - P.M.

DATE	TIME		DATE	TIME		DATE	TIME		DATE	TIME	
10-1-31	:05		11-8-31	:05		1-5-32	:05		2-22-32	NOT WORKING	
10-2-31	:04		11-19-31	:05		1-6-32	:04		2-23-32	:04	
10-5-31	:04		11-20-31	:09		1-7-32	:04		2-24-32	:04	
10-6-31	:06		11-23-31	:05		1-8-32	:04		2-25-32	:04	
10-7-31	:05		11-24-31	-		1-11-32	:05		2-26-32	:05	
10-8-31	:05		11-25-31	:05		1-12-32	:04		2-27-32	NOT WORKING	
10-9-31	:05		11-26-31			1-13-32	:06		3-1-32	:04	
10-12-31	:05		11-27-31	:06		1-14-32	:05		3-2-32	:04	
10-13-31	:05		11-30-31	NOT WORKING		1-15-32	:08		3-3-32	:05	
10-14-31	:06		12-1-31	:04		1-18-32	:05		3-4-32	:05	
10-15-31	:06		12-2-31	:03		1-19-32	:05				
10-16-31	:05		12-3-31	:05		1-20-32	-				
10-19-31	:05		12-4-31	:04		1-21-32	-				
10-20-31	:05	PERIOD	12-7-31	:03		1-22-32	:04				
10-21-31	:04	No. 22	12-8-31	:04		1-25-32	NOT WORKING				
10-22-31	-		12-9-31	-		1-26-32	:04				
10-23-31	:06		12-10-31	:05		1-27-32	:05				
X 10-26-31	:06		12-11-31	:09		1-28-32	:04				
10-27-31	:04		12-14-31	:05		1-29-32	:09				
10-28-31	:05		12-15-31	:05		2-1-32	:03				
10-29-31	-		12-16-31	:05		2-2-32	:04				
10-30-31	:05		12-17-31	:06		2-3-32	:03				
11-2-31	:05		12-18-31	:05		2-4-32	:04				
1-3-31	:05		12-21-31	:04		2-5-32	:04				
11-4-31	:05		12-22-31	:04	PERIOD	2-8-32	NOT WORKING				
11-5-31	:05		12-23-31	:04	No. 23	2-9-32	:02				
11-6-31	:05		12-24-31	:05		2-10-32	:04				
11-9-31	:06		12-25-31	HOLIDAY		2-11-32	-				
11-10-31	:05		12-27-31	:04		2-12-32	:03				
11-11-31	:04		12-29-31	:05		2-15-32	NOT WORKING				
11-12-31	:06		12-30-31	:05		2-16-32	:05				
11-13-31	:06		12-31-31	:07		2-17-32	:04				
PERIOD 11-16-31	NOT WORKING		1-1-32	HOLIDAY		2-18-32	:05				
No. 21 11-17-31	:03		1-4-32	:05		2-19-32	:03				

OPEN  
#6

UNIVERSITY OF WISCONSIN - MILWAUKEE

TOTAL PERSONAL TIME

PERIODS	TOTAL TIME	AVERAGE PER DAY
PERIOD No. 2	117 MIN	5.3 MIN.
PERIOD No. 3	347 "	8.3 "
PERIOD No. 4	169 "	6.5 "
PERIOD No. 5	142 "	6.5 "
PERIOD No. 6	13 "	6 "
PERIOD No. 7	285.5 "	5.1 "
PERIOD No. 8	83 "	2.2 "
PERIOD No. 9	34.5 "	1.6 "
PERIOD No. 10	317.5 "	4.9 "
PERIOD No. 11	163 "	4.8 "
PERIOD No. 12	580 "	8.9 "
PERIOD No. 13	926 "	5.6 "
PERIOD No. 14	173 "	5.1 "
PERIOD No. 15	743 "	4.5 "
PERIOD No. 16	91 "	4.2 "
PERIOD No. 17	713 "	6.4 "
PERIOD No. 18	468 "	8.0 "

SUB. OPER.  
PERIOD 14

FORMER OPER.  
RETURNED  
PERIOD No. 17

A.M. PERSONAL TIME OUT

PERIODS	TOTAL TIME	AVERAGE PER DAY	
PERIOD No. 2	28 MIN.	1.2 MIN.	
PERIOD No. 3	68 "	1.6 "	
PERIOD No. 4	31.5 "	1.1 "	
PERIOD No. 5	31.5 "	1.9 "	
PERIOD No. 6	3 "	.1 "	
PERIOD No. 7	70.5 "	1.5 "	
PERIOD No. 8	62.5 "	1.5 "	
PERIOD No. 9	34.5 "	1.6 "	
PERIOD No. 10	94 "	1.3 "	
PERIOD No. 11	5.5 "	.2 "	
PERIOD No. 12	98.5 "	1.4 "	
PERIOD No. 13	24.5 "	1.4 "	
PERIOD No. 14	23 "	.7 "	SUB. OPER. PERIOD 14
PERIOD No. 15	2.02 "	.11 "	
PERIOD No. 16	16 "	.7 "	
PERIOD No. 17	79 "	.7 "	FORMER OPER. RETURNED
PERIOD No. 18	91 "	1.6 "	PERIOD 17

A.M. PERSONAL TIME OUT

<u>PERIODS</u>	<u>TOTAL TIME</u>	<u>AVERAGE PER DAY</u>
PERIOD No. 19	1.30 MIN.	1.7 MIN.
PERIOD No. 20	39 "	.4 "
PERIOD No. 21	5 "	.4 "
PERIOD No. 22	41 "	1.0 "

P.M. PERSONAL TIME OUT

PERIODS	TOTAL TIME	AVERAGE PER DAY
PERIOD No. 2	89 MIN.	4.4 MIN.
PERIOD No. 3	279 "	7.3 "
PERIOD No. 4	137.5 "	5.7 "
PERIOD No. 5	110.5 "	5.5 "
PERIOD No. 6	10 "	.5 "
PERIOD No. 7	19.5 "	3.8 "
PERIOD No. 8	20.5 "	.6 "
PERIOD No. 9	- .	- "
PERIOD No. 10	223.5 "	3.8 "
PERIOD No. 11	157.5 "	4.6 "
PERIOD No. 12	481.5 "	8.2 "
PERIOD No. 13	681 "	4.5 "
PERIOD No. 14	150 "	4.4 "
PERIOD No. 15	541 "	3.5 "
PERIOD No. 16	75 .	3.8 "
PERIOD No. 17	624 "	5.6 " FORMER OPER.
PERIOD No. 18	377 .	6.5 " RETURNED PERIOD 17

P.M. PERSONAL TIME OUT

SHEET No.1

OPERATOR "5"

PERSONAL TIME OUT-A.M.

	DATE	TIME OUT		DATE	TIME OUT		DATE	TIME OUT		DATE	TIME OUT
PERIOD No. 2	5-19-27	:07		12-19-27	:06		6-13-28	:13		2-1-29	:03
	5-27-27	:05		12-24-27	:07		6-16-28	:04		2-2-29	:06
	6-4-27	:08		1-6-28	:06		6-19-28	:05		2-7-29	:03
	6-11-27	:08		1-7-28	:06½		6-20-28	:05½		2-8-29	:03
PERIOD No. 3	6-15-27	:04		1-14-28	:07		6-30-28	:07		2-9-29	:05
	6-16-27	:05		1-21-28	:07	PERIOD No. 11	7-26-28	:05½		2-16-29	:07
	6-18-27	:05	PERIOD No. 8	1-28-28	:06	TWO WEEKS				2-23-29	:06
	6-25-27	:09		2-1-28	:04	VACATION				2-26-29	:05
	7-2-27	:03		2-3-28	:04	PERIOD No. 12	9-15-28	:06		3-2-29	:06
	7-9-27	:09		2-4-28	:10½		9-17-28	:03		3-7-29	:07
	7-16-27	:09		2-11-28	:07½		9-19-28	:03		3-14-29	:09
	7-23-27	:04		2-18-28	:06½		9-22-28	:05½		3-23-29	:07
	7-23-27	:07		2-22-28	:04		9-29-28	:07		3-30-29	:06
	7-30-27	:06		2-25-28	:06		10-6-28	:07		4-4-29	:04
	8-6-27	:09		3-1-28	:02½		10-13-28	:08		4-6-29	:09
PERIOD No. 4	8-13-27	:08		3-8-28	:06		10-20-28	:07		4-13-29	:07
	8-20-27	:07		3-7-28	:06½		10-27-28	:07		4-20-29	:06
	8-27-27	:08	PERIOD No. 9	3-15-28	:04½		10-30-28	:04		4-25-29	:06
	9-3-27	:06	No. 9	3-17-28	:05		11-3-28	:07		4-31-29	:07
	9-8-27	:02½		3-30-28	:06		11-7-28	:07		5-4-29	:07
PERIOD No. 5	9-17-27	:10		3-24-28	:07		11-10-28	:07		5-9-29	:08
	9-20-27	:05		3-31-28	:07		11-17-28	:07		5-14-29	:08
	9-24-27	:09		4-7-28	:05		4-24-28	:07		5-18-29	:07
PERIOD No. 6	10-1-27	:07½	PERIOD No. 10	4-14-28	:06	PERIOD No. 13	12-1-28	:06		5-22-29	:05
	10-21-27	:13		4-16-28	:04		12-8-28	:11		5-25-29	:05
PERIOD No. 7	11-9-27	:04		4-21-28	:06		12-14-28	:03		6-1-29	:06
	11-10-27	:05		4-28-28	:03		12-15-28	:03		6-6-29	:03
	11-12-27	:08		5-5-28	:05		12-22-28	:08		6-13-29	:08
	11-19-27	:07		5-5-28	:05		12-24-28	:05		6-15-29	:07
	11-23-27	:03½		5-12-28	:07		1-5-29	:05		6-22-29	:09
	11-26-27	:08		5-19-28	:05		1-12-29	:04	PERIOD Two Weeks		
	11-29-27	:04		5-26-28	:13		1-17-29	:07	No. 14	VACATION	
	12-3-27	:05½		6-2-28	:08½		1-21-29	:04		5-6-29	:04
	12-12-27	:06		6-9-28	:06		1-26-29	:06		5-7-29	:04

SHEET NO. 2

OPERATOR #5

PERSONAL TIME OUT - A.M.

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME
8-7-29	:01	12-7-29	:04	6-25-30	:04	3-13-31	:06
8-14-29	:05	12-11-29	:04	7-9-30	:06	3-18-31	:08
8-21-29	:04	12-13-29	:02½	TWO WEEKS		3-20-31	:06
8-28-29	:25	12-14-29	:03	VACATION		3-26-31	:03
PERIOD NO. 15							
9-4-29	:04	12-18-29	:02	7-30-30	:04	3-27-31	:08
9-7-29	:04	12-19-29	:04	8-6-30	:06	4-3-31	:12
9-11-29	:05	12-21-29	:06	8-7-30	:06	4-8-31	:03
9-12-29	:04½	1-4-30	:05	8-14-30	:04	4-10-31	:06
9-14-29	:04	1-8-30	:01½	8-20-30	:04	4-17-31	:07
9-18-29	:03½	1-9-30	:04	8-26-30	:05	4-24-31	:07
9-19-29	:05	1-11-30	:05	9-4-30	:07	5-1-31	:06
9-21-29	:04	1-15-30	:02	9-12-30	:03	5-8-31	:19
9-28-29	:06	1-18-30	:05	10-3-30	:03	5-15-31	:07
10-2-29	:02	1-25-30	:04	10-17-30	:02	5-22-31	:26
10-5-29	:03½	2-1-30	:05	10-22-30	:01	PERIOD 5-28-31	:03
10-7-29	:04	2-8-30	:03	PERIOD 6-31-30	:11	No. 20 6-17-31	:04
10-12-29	:03½	2-15-30	:04	No. 18 11-3-30	:07	6-25-31	:05
10-16-29	:03	2-22-30	:04	11-7-30	:05	7-2-31	:03
10-19-29	:02	2-8-30	:04	11-24-30	:16	7-10-31	:04
10-23-29	:02	3-15-30	:14	11-25-30	:18	TWO WEEKS	
10-24-29	:03	3-20-30	:12	11-26-30	:06	VACATION	
10-26-29	:03½	3-22-30	:04	12-5-30	:07	7-29-31	:01
10-30-29	:01	3-29-30	:03	12-12-30	:03	8-19-31	:01
11-1-29	:02½	4-5-30	:05	1-5-31	:02	9-22-31	:04
11-2-29	:05	PERIOD 4-12-30	:15	1-16-31	:07	10-12-31	:07
11-7-29	:04	No. 16 4-26-30	:04	1-21-31	:04	11-21-31	:08
11-9-29	:04	4-30-30	:04	1-23-31	:10	10-28-31	:09
11-13-29	:14	5-3-30	:03	1-30-31	:08	PERIOD 11-18-31	:01
11-16-29	:05	PERIOD 5-7-30	:03	2-6-31	:07	11-21-31	:02
11-20-29	:03	No. 17 5-14-30	:04	PERIOD 2-13-31	:06	12-2-31	:02
11-23-29	:04	5-21-30	:04	No. 19 2-20-31	:09	PERIOD 12-9-31	:12
11-27-29	:06	5-28-30	:06	2-24-31	:04	11-22-31	:02
11-30-29	:04	6-4-30	:05	2-27-31	:07	12-23-31	:07
12-4-29	:12	6-15-30	:02	3-6-31	:01	12-24-31	:01

11-20-30 11-20-30 X

SHEET No. 3

OPERATOR 75

PERSONAL TIME OUT-A.M.

SHEET No. 1

OPERATOR #5

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
PERIOD 5-18-27 .05		7-15-27 .05		9-6-27 .04		11-25-27 .01	
No. 2 5-19-27 .09		7-18-27 .08		9-7-27 .04		11-28-27 .05½	
5-23-27 .06		7-19-27 .06		9-8-27 .05		11-29-27 .05½	
5-25-27 .06		7-21-27 .07		9-9-27 .03½		12-1-27 .06	
5-26-27 .01		7-22-27 .08		PERIOD 9-12-27 .05		12-2-27 .04½	
5-27-27 .05		7-25-27 .09		No. 5 9-13-27 .07		12-5-27 .04½	
6-1-27 .05		7-26-27 .08		9-14-27 .03		12-7-27 .04½	
6-2-27 .08		7-27-27 .06		9-15-27 .06½		12-8-27 .05	
6-3-27 .06		7-28-27 .10		9-16-27 .06		12-9-27 .05½	
6-6-27 .07		7-29-27 .12		9-17-27 .10½		12-13-27 .06	
6-7-27 .08		8-1-27 .14		9-21-27 .07		12-14-27 .04½	
6-9-27 .06		8-2-27 .06		9-22-27 .09½		12-15-27 .05½	
6-10-27 .07		8-3-27 .10		9-23-27 .08½		12-16-27 .06	
PERIOD 6-13-27 .07		8-4-27 .10		9-26-27 .05		12-21-27 .04	
No. 3 6-14-27 .06		8-5-27 .05		9-27-27 .06½		12-22-27 .04	
6-15-27 .11		PERIOD 8-7-27 .06		9-28-27 .07		12-23-27 .06	
6-16-27 .05		No. 4 8-7-27 .07		9-29-27 .07		12-27-27 .03	
6-17-27 .08		8-10-27 .05		9-30-27 .07½		12-30-27 .08½	
6-20-27 .07		8-11-27 .04		10-3-27 .06		1-3-28 .04	
6-21-27 .07		8-13-27 .07		10-4-27 .08		1-9-28 .05	
6-22-27 .07		8-15-27 .05		10-5-27 .04		1-10-28 .04	
6-23-27 .07		8-16-27 .06		10-6-27 .05½		1-11-28 .06	
6-24-27 .10		8-17-27 .05		PERIOD 10-19-27 .06		1-12-28 .06	
6-27-27 .06		8-18-27 .07		No. 6 10-27-27 .04		1-16-28 .05	
6-28-27 .07		8-19-27 .04		PERIOD 11-7-27 .05½		1-17-28 .05	
6-29-27 .11		8-22-27 .06		No. 7 11-8-27 .05		1-18-28 .06	
6-30-27 .10		8-23-27 .07		11-9-27 .05		1-19-28 .05	
7-1-27 .10		8-25-27 .07		11-11-27 .06		1-23-28 .03½	
7-6-27 .05		8-26-27 .11		11-14-27 .06		No. 8 1-30-28 .03	
7-8-27 .02		8-28-27 .08		11-17-27 .04½		1-31-28 .03	
7-11-27 .05		8-30-27 .07		11-18-27 .06		2-13-28 .04	
7-12-27 .08		8-31-27 .08		11-21-27 .06		2-21-28 .03	
7-13-27 .05		9-1-27 .07		11-22-27 .07		2-24-28 .04	
9-14-27 .11		9-2-27 .05		11-23-27 .06½		PERIOD 4-7-28 .03½	

SHEET NO. 2

OPERATOR #5

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
No. 10	4-10-28 :05	6-6-28 :03		VACATION		10-2-28 :05	
	4-11-28 :04	6-7-28 :04		8-19-28 :05		10-3-28 :09	
	4-12-28 :03	6-8-28 :05		8-19-28 :05		10-4-28 :06	
	4-13-28 :05	6-11-28 :04½		8-15-28 :06		10-5-28 :08	
	4-16-28 :06	6-12-28 :06		8-17-28 :06		10-8-28 :09	
	4-17-28 :06	6-13-28 :04½		8-20-28 :06		10-9-28 :06	
	4-19-28 :03	6-14-28 :03		8-21-28 :05		10-10-28 :05	
	4-20-28 :04	6-15-28 :03		8-22-28 :07		10-11-28 :08	
	4-23-28 :05	6-18-28 :04		8-23-28 :06		10-12-28 :10	
	4-24-28 :06	6-19-28 :04		8-24-28 :04		10-15-28 :06½	
	4-25-28 :03	6-20-28 :02½		8-27-28 :05½		10-16-28 :06	
	4-26-28 :04	6-21-28 :05		8-28-28 :06		10-17-28 :09	
	4-27-28 :05	6-22-28 :14½		8-29-28 :05		10-18-28 :11	
	5-1-28 :05	6-25-28 :03		8-30-28 :05		10-19-28 :07	
	5-2-28 :04	6-26-28 :06	PERIOD 9-4-28 :09			10-22-28 :10	
	5-3-28 :04	6-27-28 :04	No. 12 9-5-28 :05			10-23-28 :07½	
	5-7-28 :04½	6-29-28 :03		9-6-28 :08		10-24-28 :10	
	5-8-28 :05	PERIOD 7-2-28 :03½		9-7-28 :07		10-25-28 :12	
	5-9-28 :04	No. 11 7-3-28 :03		9-10-28 :13		10-26-28 :08	
	5-10-28 :05	7-5-28 :04		9-11-28 :07		10-27-28 :13	
	5-11-28 :05	7-6-28 :05		9-12-28 :10		10-30-28 :07	
	5-14-28 :05	7-7-28 :07		9-13-28 :06		10-31-28 :07	
	5-16-28 :03	7-10-28 :05		9-14-28 :08		11-1-28 :10	
	5-21-28 :02	7-11-28 :05		9-17-28 :13		11-5-28 :09	
	5-22-28 :02½	7-12-28 :04		9-18-28 :09		11-6-28 :07	
	5-23-28 :03	7-13-28 :03½		9-19-28 :05		11-7-28 :11	
	5-24-28 :03	7-16-28 :05		9-20-28 :06		11-8-28 :05	
	5-25-28 :04	7-17-28 :04		9-21-28 :04½		11-9-28 :05½	
	5-28-28 :04	7-19-28 :06		9-24-28 :12		11-12-28 :11	
	5-29-28 :04	7-23-28 :05		9-25-28 :07		11-13-28 :12	
	5-31-28 :03	7-24-28 :07		9-26-28 :08		11-14-28 :07	
	6-1-28 :02½	7-26-28 :08		9-27-28 :15		11-15-28 :06½	
	6-4-28 :06½	7-27-28 :08		9-28-28 :08		11-16-28 :06	
	6-5-28 :03	TWO WEEKS		10-1-28 :10		11-17-28 :07	

SHEET No. 3

OPERATOR #5

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
11-20-28	:09	1-17-29	:08	3-11-29	:02	4-30-29	:06
11-21-28	:08	1-18-29	:04	3-12-29	:03	5-1-29	:05
1-22-28	:07	1-21-29	:05	3-13-29	:02	5-2-29	:03
PERIOD No. 13	11-26-28 :05	1-22-29 :03	3-14-29 :05	5-3-29	:05		
11-27-28	:08	1-23-29	:02	3-15-29	:04	5-4-29	:04
1-28-28	:15	1-24-29	:14	3-16-29	:03	5-5-29	:04
12-3-28	:05	1-25-29	:03	3-17-29	:05	5-6-29	:03
12-4-28	:06	1-26-29	:04	3-18-29	:05	5-7-29	:04
12-5-28	:05	1-27-29	:05	3-19-29	:04	5-8-29	:05
12-6-28	:06	1-30-29	:05	3-20-29	:06	5-14-29	:07
12-7-28	:06	1-31-29	:03	3-21-29	:05	5-15-29	:05
12-10-28	:03	2-1-29	:04	3-22-29	:05	5-16-29	:04
12-11-28	:06	2-4-29	:04	3-23-29	:06	5-17-29	:04
12-12-28	:04	2-5-29	:05	3-24-29	:06	5-20-29	:05
12-13-28	:06	2-6-29	:03	3-25-29	:06	5-21-29	:04
12-14-28	:07	2-7-29	:03	4-1-29	:04	5-23-29	:06
12-17-28	:06	2-8-29	:04	4-2-29	:06	5-24-29	:04
12-18-28	:05	2-11-29	:04	4-3-29	:05	5-27-29	:05
12-19-28	:07	2-12-29	:03	4-4-29	:05	5-28-29	:06
12-20-28	:07	2-13-29	:03	4-5-29	:06	5-29-29	:08
12-21-28	:05	2-14-29	:04	4-8-29	:04	5-31-29	:04
12-26-28	:06	2-15-29	:04	4-9-29	:03	6-3-29	:06
12-27-28	:05	2-18-29	:13	4-10-29	:05	6-4-29	:04
12-28-28	:07	2-19-29	:03	4-12-29	:05	6-5-29	:05
1-2-29	:04	2-20-29	:04	4-15-29	:04	6-6-29	:06
1-3-29	:05	2-21-29	:04	4-16-29	:05	6-7-29	:05
1-4-29	:05	2-26-29	:04	4-17-29	:03	6-10-29	:06
1-7-29	:05	2-27-29	:03	4-18-29	:04	6-11-29	:06
1-8-29	:07	3-1-29	:04	4-19-29	:04	6-12-29	:05
1-10-29	:04	3-4-29	:04	4-22-29	:06	6-13-29	:04
1-11-29	:03	3-5-29	:07	4-23-29	:05	6-14-29	:06
1-14-29	:04	3-6-29	:05	4-24-29	:05	6-17-29	:06
1-15-29	:05	3-9-29	:04	4-25-29	:03	6-18-29	:12
1-16-29	:03	3-8-29	:08	4-28-29	:06	6-19-29	:07

SHEET No. 4

OPERATOR #5

PERSONAL TIME OUT - P.M.

DATE	TIME	DATE	TIME	DATE	TIME	DATE	TIME	
DATE	OUT	DATE	OUT	DATE	OUT	DATE	OUT	
6-20-29	:08	8-29-29	:04	10-20-29	:04	12-18-29	:04	
6-21-29	:04	8-30-29	:04	10-21-29	:03	12-23-29	:05	
6-24-29	:06	PERIOD	9-4-29	:04	10-31-29	:05	12-29-29	:04
6-25-29	:04	No. 15	9-5-29	:03	10-31-29	:03	12-26-29	:05
6-26-29	:06		9-9-29	:01	11-1-29	:04	12-27-29	:04
6-27-29	:07		9-10-29	:04	11-4-29	:04	12-30-29	:14
6-28-29	:07		9-11-29	:03	11-5-29	:04	12-31-29	:03
PERIOD	7-1-29	:06	9-12-29	:03	11-7-29	:04	1-2-30	:04
No. 14	7-2-29	:05	9-16-29	:03½	11-8-29	:02½	1-3-30	:03
7-5-29	:05		9-17-29	:04	11-11-29	:04	1-6-30	:04
7-8-29	:12		9-18-29	:04	11-12-29	:04	1-7-30	:04
7-10-29	:06		9-19-29	:05	11-13-29	:03	1-8-30	:04
7-11-29	:07		9-20-29	:04	11-14-29	:04½	1-9-30	:04
7-12-29	:10		9-23-29	:05	11-15-29	:04	1-10-30	:04
TWO WEEKS			9-24-29	:04	11-18-29	:03	1-13-30	:05
VACATION			9-26-29	:02	11-19-29	:05	1-14-30	:05
7-29-29	:06		9-27-29	:03	11-20-29	:04	1-15-30	:05
7-30-29	:09		9-30-29	:04	11-21-29	:05	1-16-30	:04
7-31-29	:06		10-1-29	:02	11-22-29	:04½	1-17-30	:04
8-1-29	:06		10-2-29	:03	11-25-29	:06	1-20-30	:04
8-5-29	:05		10-3-29	:04½	11-26-29	:05	1-21-30	:04
8-6-29	:07		10-4-29	:03	11-27-29	:05	1-22-30	:05
8-7-29	:05		10-7-29	:03½	11-29-29	:04	1-23-30	:05
8-8-29	:05		10-8-29	:05	12-2-29	:03	1-24-30	:04
8-9-29	:04		10-10-29	:03	12-3-29	:04	1-27-30	:03
8-12-29	:04		10-11-29	:02	12-5-29	:03	1-28-30	:04
8-13-29	:04		10-14-29	:02	12-6-29	:04	1-30-30	:03
8-14-29	:04		10-15-29	:04	12-9-29	:05	1-31-30	:04
8-16-29	:03		10-17-29	:03	12-10-29	:04½	2-3-30	:03
8-19-29	:04		10-21-29	:04	12-11-29	:04	2-4-30	:05
8-20-29	:05		10-22-29	:02½	12-12-29	:04	2-5-30	:04
8-22-29	:05		10-23-29	:05	12-19-29	:07	2-6-30	:04
8-25-29	:03		10-24-29	:05½	12-16-29	:06	2-7-30	:05
8-27-29	:04		10-26-29	:03½	12-17-29	:02	2-10-30	:03

\* New open

SHEET No. 5

OPERATOR #5

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
2-11-30	.04	4-3-30	.04	5-22-30	.03	7-11-30	.11
2-12-30	.03	4-4-30	.05	5-23-30	.06	TWO WEEKS	
2-13-30	.05	PERIOD	4-7-30 .04	5-26-30	.06	VACATION	
2-14-30	.04	No. 16	4-8-30 .03	5-27-30	.07	7-28-30 .05	
2-17-30	.04		4-10-30 .04	5-28-30	.06	7-29-30 .05	
2-18-30	.04		4-11-30 .04	5-29-30	.07	7-30-30 .06	
2-19-30	.04		4-14-30 .05	6-2-30	.05	8-1-30 .10	
2-20-30	.05		4-15-30 .04	6-3-30	.05	8-4-30 .07	
2-21-30	.04		4-16-30 .04	6-4-30	.03	8-5-30 .06	
2-24-30	.04		4-17-30 .03	6-5-30	.05	8-6-30 .06	
2-25-30	.03		4-18-30 .05	6-6-30	.07	8-7-30 .05	
2-26-30	.05		4-21-30 .04	6-9-30	.05	8-8-30 .05	
2-27-30	.05		4-22-30 .03	6-10-30	.06	8-11-30 .05	
2-28-30	.05		4-23-30 .03	6-11-30	.05	8-12-30 .06	
3-1-30	.04		4-24-30 .04	6-12-30	.04	8-13-30 .06	
3-3-30	.04		4-25-30 .04	6-13-30	.08	8-14-30 .06	
3-4-30	.04		4-28-30 .04	6-16-30	.06	8-15-30 .07	
3-5-30	.05		4-29-30 .05	6-17-30	.06	8-18-30 .03	
3-6-30	.03		4-30-30 .04	6-18-30	.04	8-19-30 .06	
3-7-30	.04		5-1-30 .04	6-19-30	.04	8-20-30 .05	
3-10-30	.04		5-2-30 .04	6-20-30	.06	8-21-30 .07	
3-13-30	.05	PERIOD	5-5-30 .04	6-23-30	.08	8-22-30 .05	
3-14-30	.04	No. 17	5-6-30 .04	6-24-30	.06	8-25-30 .06	
3-17-30	.04		5-7-30 .04	6-25-30	.08	8-26-30 .08	
3-18-30	.05		5-8-30 .05	6-26-30	.05	8-27-30 .05	
3-19-30	.04		5-9-30 .04	6-27-30	.06	8-28-30 .05	
3-20-30	.03		5-12-30 .07	6-30-30	.05	8-29-30 .05	
3-21-30	.05		5-13-30 .04	7-1-30	.05	9-1-30 HOLIDAY	
3-24-30	.02		*5-14-30 .06	7-2-30	.05	9-2-30 .05	
3-25-30	.05		5-15-30 .05	7-3-30	.05	9-3-30 .06	
3-26-30	.03		5-16-30 .05	HOLY DAY		9-4-30 .04	
3-27-30	.04		5-19-30 .07	7-7-30	.04	9-5-30 .06	
3-31-30	.04		5-20-30 .05	7-8-30	.05	9-8-30 .06	
4-1-30	.05		5-21-30 .06	7-10-30	.05	9-9-30 .05	

\* charged to you open

SHEET NO. 6

OPERATOR #5

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
9-10-30	-	No. 18	10-28-30	:05		12-15-30	:07
9-11-30	:06		10-29-30	:05		12-16-30	:08
9-12-30	:05		10-30-30	:05		12-17-30	:06
9-15-30	:04		10-31-30	-		12-18-30	:06
9-16-30	:05		11-3-30	:07		12-19-30	:08
9-19-30	:04		11-4-30	:06		12-22-30	:07
9-18-30	:05		11-5-30	:06		12-23-30	:07
9-19-30	:07		11-6-30	:05		12-24-30	:10
9-22-30	:05		11-7-30	-		12-25-30 HOLIDAY	
9-23-30	:06		11-10-30	:05		12-26-31	-
9-24-30	:05		11-11-30	:05		12-29-31	:06
9-25-30	:06		11-12-30	:05		12-30-30	:07
9-26-30	:13		11-13-30	:06		12-31-30	:07
9-27-30	:07		11-14-30	-		1-5-31	:07
9-31-30	:06		11-17-30	:06		1-6-31	:07
10-1-30	:06		11-18-30	:06		1-7-31	:05
10-2-30	:07		11-19-30	:05		1-8-31	:04
10-3-30	:09		11-20-30	:07		1-9-31	:08
10-6-30	:06		11-21-30	:08		1-18-31	:06
10-7-30	:06		11-24-30	:06		1-19-31	:06
10-8-30	:04		11-25-30	:08		1-14-31	:02
10-9-30	:05		11-26-30	:11		1-15-31	:05
10-10-30	:09		11-27-30 HOLIDAY			1-16-31	-
10-13-30	:06		11-28-30	-		1-19-31	:07
10-14-30	:05		12-1-30	:06		1-20-31	:08
10-15-30	:09		12-2-30	:07		1-21-31	:05
10-16-30	:05		12-3-30	:08		1-22-31	:06
10-19-30	:08		12-4-30	:07		1-23-31	-
10-20-30	:06		12-5-30	-		1-26-31	:07
10-21-30	:06		12-6-30	:04		1-27-31	:06
10-22-30	:01		12-7-30	:08		1-28-31	:05
10-23-30	:05		12-10-30	:05		1-29-31	:07
10-24-30	:11		12-11-30	:05		1-30-31	-
PERIOD 10-21-30 :06			12-12-30	-		2-1-31	:05
						2-20-31	-

SHEET No. 7

OPERATOR #5

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
3-23-31	:06	5-8-31	-	6-25-31	:09	8-29-31	:05
3-24-31	:07	5-14-31	:06	6-26-31	:10	8-25-31	:06
3-25-31	:06	5-12-31	:11	6-27-31	:06	8-26-31	:05
3-26-31	:09	5-13-31	:06	6-30-31	:06	8-27-31	:08
3-27-31	-	5-14-31	:08	7-1-31	:03	8-28-31	:05
3-30-31	:06	5-15-31	-	7-2-31	:06	8-31-31	:04
3-31-31	:05	5-18-31	:07	7-3-31	:07	9-1-31	:05
4-1-31	:07	5-19-31	:08	7-6-31	:06	9-2-31	:06
4-2-31	:06	5-20-31	:02	7-7-31	:05	9-3-31	:05
4-3-31	-	5-21-31	:06	7-8-31	:05	9-4-31	:07
4-6-31	:07	5-22-31	-	7-9-31	:06	9-7-31	HOLIDAY
4-7-31	:06	PERIOD 5-25-31	:17	7-10-31 EXCUSED		9-8-31	:06
4-8-31	:02	No. 20 5-26-31	:07	TWO WEEKS		9-9-31	:06
4-9-31	:05	5-27-31	:05	VACATION		9-10-31	:06
4-10-31	-	5-28-31	:05	7-27-31	:04	9-11-31	:05
4-13-31	:05	5-29-31	:07	7-28-31	:06	9-14-31	:04
4-14-31	:05	6-1-31	:05	7-29-31	:04	9-15-31	:13
4-15-31	:06	6-2-31	:07	7-30-31	:06	9-16-31	:18
4-16-31	:07	6-3-31	:06	7-31-31	:06	9-17-31	:04
4-17-31	-	6-4-31	:07	8-3-31	:06	9-18-31	-
4-20-31	:04	6-5-31	:05	8-4-31	:06	9-21-31	:05
4-21-31	:07	6-8-31	:05	8-5-31	:08	9-22-31	:05
4-22-31	:07	6-9-31	:05	8-6-31	:05	9-23-31	:12
4-23-31	:06	6-10-31	:07	8-7-31	:06	9-24-31	:02
4-24-31	-	6-11-31	:06	8-10-31	:06	9-25-31	:04
4-27-31	:06	6-12-31	:08	8-11-31	:06	9-27-31	:05
4-28-31	:05	6-15-31	:04	8-12-31	:04	9-29-31	:05
4-29-31	:06	6-16-31	:08	8-13-31	:07	9-30-31	:03
4-30-31	:05	6-17-31	:06	8-14-31	:09	10-1-31	:05
5-1-31	-	6-18-31	:05	8-17-31	:06	10-2-31	-
5-4-31	:06	6-19-31	-	8-18-31	:04	10-5-31	:04
5-5-31	:06	6-22-31	:09	8-19-31	:03	10-6-31	:05
5-6-31	:06	6-23-31	:07	8-20-31	:05	10-7-31	:04
5-7-31	:08	6-24-31	:07	8-21-31	:06	10-8-31	:05

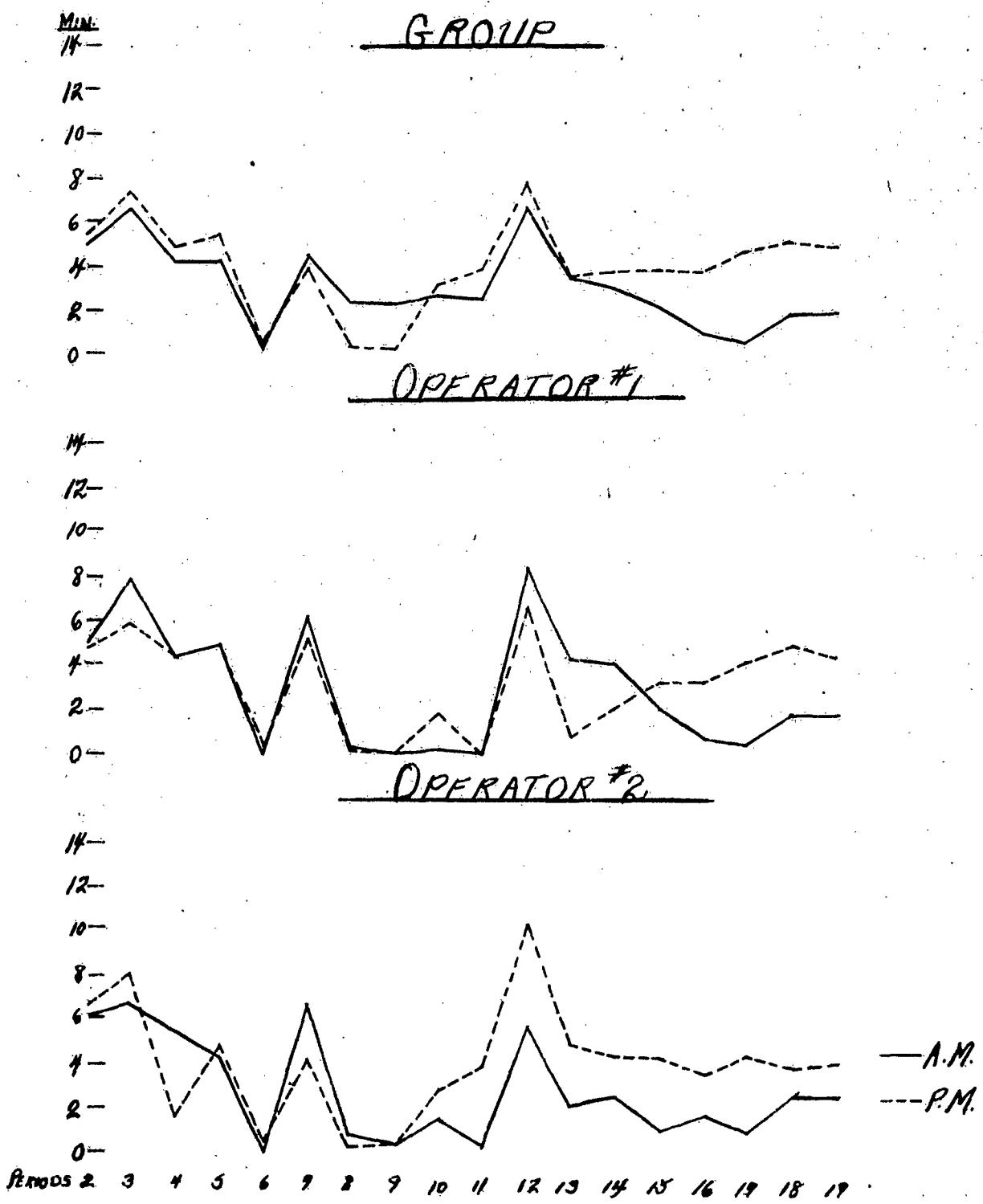
OPERATOR #5

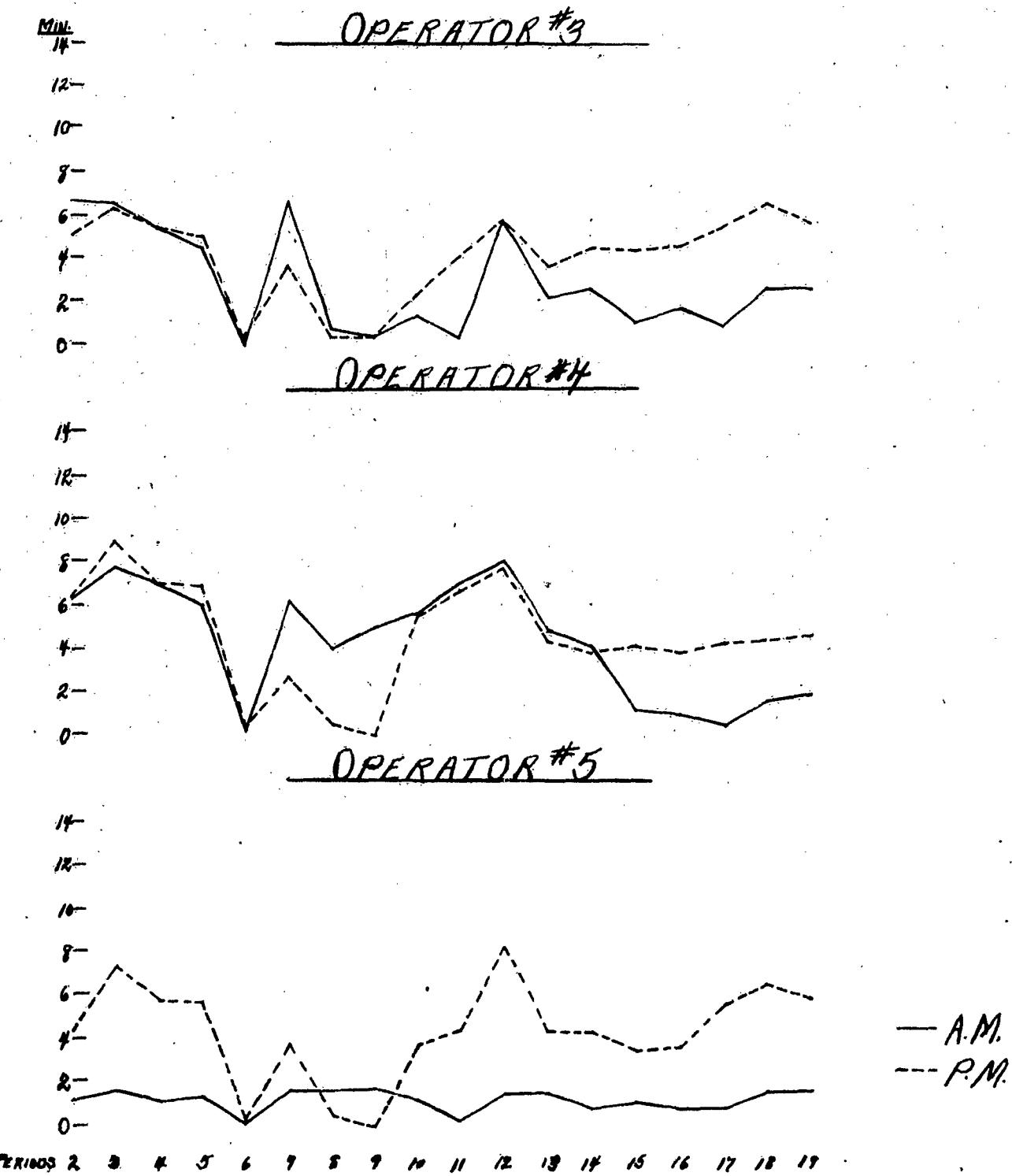
SHEET No. 8

PERSONAL TIME OUT - P.M.

DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT	DATE	TIME OUT
10-9-31	-	11-26-31	HOLIDAY	1-13-32	:10	2-1-32	:09
10-18-31	:05	1-27-31	:08 NOT	1-14-32	:05	3-2-32	:04
10-13-31	:06	1-30-31	WORKING	1-15-32	:06	3-3-32	:06
10-14-31	:05	1-2-31	:04	1-18-32	:06	3-4-32	:07
10-15-31	:06	1-2-31	:05	1-19-32	:15		
10-16-31	-	1-2-31	:06	1-20-32	:06		
10-17-31	:05	1-2-31	:08	1-21-32	:06		
10-20-31	:04	1-2-31	:05	1-22-32	-		
10-21-31	:04	1-2-31	:05	1-25-32	<sup>NOT</sup> WORKING		
10-22-31	:07	1-2-31	-	1-26-32	:05		
10-23-31	-	1-2-31	:06	1-27-32	:09		
* 10-26-31	:05	1-2-31	-	1-28-32	:04		
10-27-31	:04	1-2-31	:04	1-29-32	:07		
10-28-31	:01	1-2-31	:05	2-1-32	:05		
10-29-31	:06	1-2-31	:05	2-2-32	:05		
10-30-31	-	1-2-31	:05	2-3-32	:04		
11-2-31	:05	1-2-31	:08	2-4-32	:05		
11-3-31	-	1-2-31	:04	2-5-32	:07		
11-4-31	ABSENT	1-2-31	:05	2-8-32	<sup>NOT</sup> WORKING		
11-5-31	"	1-2-31	:04	2-9-32	:04		
11-6-31	"	1-2-31	-	2-10-32	:04		
11-9-31	"	1-2-31	HOLIDAY	2-11-32	:04		
11-10-31	"	1-2-31	:05	2-12-32	-		
11-11-31	"	1-2-31	:05	2-15-32	<sup>NOT</sup> WORKING		
11-12-31	"	1-2-31	:05	2-16-32	:05		
11-13-31	"	1-2-31	-	2-17-32	:04		
PERIOD	11-16-31	WORKING	1-1-32	HOLIDAY	2-18-32	:03	
No. 21	11-17-31	:03	1-4-32	:04	2-19-32	:07	
	11-18-31	:04	1-5-32	:04	2-22-32	<sup>NOT</sup> WORKING	
	11-19-31	:06	1-6-32	:05	2-23-32	:05	
	11-20-31	:06	1-7-32	:05	2-24-32	:04	*
	11-22-31	:05	1-8-32	:08	2-25-32	:04	
	11-24-31	:04	1-11-32	:05	2-26-32	:09	
	11-25-31	:06	1-12-32	-	2-27-32	<sup>NOT</sup> WORKING	

AM-P.M. AVERAGE PERSONAL TIME  
RELAY GROUP





GROUP AVERAGE - RELAY

<u>Periods</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
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Average  
Hourly  
Output      49.1  51.0  52.1  55.1  55.6  55.9  61.9  63.9  61.8  62.8  60.7  66.5  63.3\*  66.2\*  69.7  69.2  69.6  69.3  68.6      \*\*

Average  
Daily  
personal  
Time      :10.5 :13.7 :9.0 :9.5 :0.5 :8.4 :2.8 :2.3 :5.5 :6.4 :14.3 :7.0 :6.9 :5.2 :4.6 :5.4 :7.1 :7.0 :6.0\*\*

Average  
Weekly  
Repair      :14.9 :18.5 :26.4 :31.7 :18.8 23.2 27.2 :15.8 :19.4 :13.4 :14.4 :48.5\*:40.2\*:30.5 :22.0 :22.0 :26.9 :24.2\*\*

\* Large percentage of defective piece parts during these periods.

\*\* Period 20 - 12 weeks only.

OPERATOR NO.1 - RELAY GROUP

Periods	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Average Hourly Output	47.8	48.4	51.5	54.1	55.2	54.0	62.8*	65.5	63.9	65.6	62.5	67.4	64.5	68.8	72.7	69.6	69.1	72.9	**	72.5
Average Daily Personal	:10.0	:13.7	:8.8	:9.8	:0.3	:11.4	.5*	-	.2	-	:15.0	:5.0	:6.1	:5.1	:3.9	:4.6	:6.3	:6.1	:5.0	
Average Weekly Repair	:19.0	:19.7	:34.6	:38.0	:23.5	:39.0*	:30.5	:24.1	:33.6	:23.7	:22.3	:59.9	:48.8	:39.5	:29.0	:21.0	:32.8	:28.7		

\* - New Operator

\*\* - Period 20 = 12 weeks only.

OPERATOR NO. 2 - RELAY GROUP

<u>Periods</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
Average Hourly Output	48.0	50.4	50.7	55.4	54.7	53.9	64.5*	68.0	64.9	66.4	63.9	71.9	70.6	73.9	76.8	75.9	76.4	74.8**76.3		
Average Daily Personal Time	:12.6	:17.0	:4.8	:9.3	:1.1	:6.1	:5.3*	:4.6	:7.6	:8.9	:20.6	:10.0	:8.4	:6.0	:4.4	:5.0	:5.7	5.9**5.4		
Average Weekly Repair Time	:13.5	:16.3	:37.4	:36.3	:23.0	:25.2*	:16.8	:20.0	:27.6	:22.9	:19.0	:42.7	:36.7	:31.7	:20.3	:25.0	30.0**25.0			

\* = New Operator.

\*\* = Period 20=12 weeks only

OPERATOR NO. 3 - RELAY GROUP

<u>Periods</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
Average	49.5	53.6	53.6	56.9	56.8	58.9	62.2	63.0	62.1	63.9	59.7	64.3	62.0	64.0	67.5	65.6	64.9	64.1	*63.4	
Hourly Output																				

Average  
Daily  
Personal :12.0 :13.0 :11.0 :9.3 .2 :10.3 :1.3 .5 :3.6 :4.3 :11.2 :5.4 :7.1 :5.1 :6.1 :6.3 :9.2 8.3 \*6.8  
Time

Average  
Weekly  
Repair  
Time :12.3 :13.4:17.4 :21.2 :14.2 :19.0 :16.3 :12.5 :13.1 :11.0 :13.8:40.7 :36.8 :31.7 :26.1 :26.0 30.6 \*26.0

\* - Period 20=12 weeks only

OPERATOR NO. 4 - RELAY GROUP

<u>Periods</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
Average Hourly Output	51.1	52.2	53.6	56.1	56.8	58.2	63.1	63.5	62.8	62.9	61.3	69.1	69.4	71.3	73.0	73.7	72.8	69.6	*66.5	

Average  
Daily  
Personal :12.7 :16.5 :13.9 :12.8 :5 :9.0 :4.5 :5.0 :11.2 :13.8 :15.8 :9.2 :8.0 :5.2 :4.8 :4.9 :6.2 :6.9 \*6.6

Average  
Weekly  
Repair  
Time :10.6 :9.4 :11.4 :12.5 :6.2 :6.3 :6.0 :3.5 :9.6 :3.8 :7.8 :30.0 :18.4 :19.3 :14.6 :13.7 :19.6 \*22.7

\*Period 20 - 12 weeks only.

10  
10

OPERATOR NO. 5 - RELAY GROUP

Periods	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	<u>19</u>	<u>20</u>
Average Hourly Output	48.9	50.5	50.8	52.9	54.6	54.2	56.8	59.5	55.2	55.0	56.1	59.7	50.0*	52.7**	59.6	61.5	64.9	65.3	x64.0	
Average Daily Personal Time	:5.3	:8.3	:6.5	:6.5	.6	:5.1	:2.2	:1.6	:4.9	:4.8	:8.9	:5.6	:5.1	:4.5**	:4.2	:6.4***:8.0	:7.6	x:6.4		
Average Weekly Repair Time	:11.1	:19.0	:32.8	:31.5	:50.3	:27.0	:26.4	:16.3	:18.7	:13.2	:5.6	:8.9	:69.0*	:60.2**	:30.5	:21.1:24.5	21.3	x18.6		

\* Two Operator 5's contributed.

\*\* New Operator 3.

\*\*\* Original Operator 3 returned.

x Period 20 = 12 weeks only.