

11-12 OCT. FWD ENG RM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
29. L.O. PRES #1	9		9		9	9	9	9		9			9		9		9	9	9	9		9		
28. L.O. PRES #2	7		7		7	7	7	7		7							7	7	7	7		7		
31. L.O. TO COOLER #1	120		120		118	118	120	119		120			118		120		120	120	120	119		120		
34. L.O. TO COOLER #2	140		140		140	138	138	138		138							128	138	140	138		138		
33. L.O. FROM COOLER #1	110		110		110	110	110	109		110			108		110		110	110	110	110		110		
32. L.O. FROM COOLER #2	126		126		126	124	124	124		124							126	126	128	126		126		
35. L.O. GOV PRES #1	62		62		62	62	62	62		62			62		62		62	62	62	62		62		
34. L.O. GOV PRES #2	55		55		55	55	55	55		55							55	55	55	55		55		
37. AMPS POS #1	1050		1050		1350	1300	1300	1100		1150			1400		1400		1150	1150	1100	1050		950		
36. AMPS POS #2	1050		1050		1350	1300	1300	1050		1150							1100	1150	1100	1000		1250		
39. AMPS NEG #1	1050		1050		1350	1300	1300	1100		1150			1400		1400		1150	1150	1100	1050		1050		
38. AMPS NEG #2	1050		1050		1350	1300	1300	1050		1150							1100	1150	1100	1000		1050		
41. HP HIGH SPEED PIN. AFT	147		148		146	146	146	149		148			147		148		148	148	148	149		149		
42. HP INTER SPEED PIN FWD	138		138		135	135	135	139		138			137		137		138	138	140	140		140		
43. HP INTER SPEED PIN AFT	140		140		138	138	138	140		140			139		140		140	140	140	140		140		
44. L.P. THRUST BEARING	128		129		126	126	126	129		127			129		130		130	130	130	130		130		
45. H.P. THRUST BEARING	145		145		142	142	142	145		145			146		146		145	145	145	145		145		
46. LP HIGH SPEED PIN. FWD	133		134		132	132	134	135		134			133		134		134	134	134	135		134		
47. LP HIGH SPEED PIN. AFT	128		129		129	128	128	129		128			128		129		128	128	128	129		129		
48. LP INTER SPEED PIN FWD	148		150		148	148	148	148		145			149		149		148	148	148	149		148		
49. LP INTER SPEED PIN. AFT	130		130		130	130	130	129		127			130		130		130	130	130	130		129		
50. MAIN GEAR RCTOR FWD																								
51. MAIN GEAR RCTOR AFT																								
52. LP BLEND	9"		9"		9"	9"	9"	10"		9"			9"		9"		9"	9"	9"	10"		9"		

20V2L
1050-17-13
1075-15
1075-15
4-4
1151-25
1075-9-7
1151-4-9
4-0

Eng Rm #2 Oct 10 + 11 - 66

	TIME	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
1.	L.P. EXHAUST TEMP	115	114	114	114	112	112	112	112	112	112	112	114	114	114	113	114	114	114	114	114	114	114	114	115
2.	MN COND STE TEMP	108	108	108	108	107	106	106	109	108	108	108	110	110	110	110	111	111	109	110	110	109	109	110	108
3.	MN INJ TEMP	78	78	78	78	77	76	76	78	78	78	78	81	80	79	79	79	79	79	79	79	79	79	79	78
4.	MN OVBD TEMP	93	92	92	92	92	92	92	93	93	92	92	95	94	94	94	94	94	94	94	94	94	94	94	93
5.	L.O. TO COOLERS	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124
6.	L.O. FROM COOLERS	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
7.	THRUST BRG TEMP	114	114	114	114	114	114	114	114	114	114	114	114	114	114	113	114	114	114	114	114	114	114	114	114
8.	FWD H.P. ROTOR BRG	124	124	124	124	124	124	124	126	124	124	123	124	124	124	124	124	124	124	124	124	124	124	124	124
9.	AFT H.P. ROTOR BRG	132	132	132	132	132	132	132	132	132	132	131	132	132	132	132	132	132	132	132	132	132	132	132	132
10.	FWD L.P. ROTOR BRG	128	128	128	128	126	126	126	127	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128	128
11.	AFT L.P. ROTOR BRG																								
12.	HOT GEAR BRG FWD	143	143	143	144	144	144	144	145	145	145	145	143	143	143	143	144	144	144	144	145	145	145	145	143
13.	HOT GEAR BRG AFT	136	136	136	135	135	135	135	135	135	135	135	136	136	136	136	135	135	135	135	136	136	136	136	136
14.	MIX COND STE TEMP	110/110	110/110	110/110	106/106	106/106	106/106	106/106	106/106	107/107	108/108	108/108	110/110	110/110	110/110	110/110	110/110	110/110	108/108	108/108	108/108	108/108	108/108	108/108	110/110
15.	1ST STAGE AIR TEMP	179	179	178	175	176	176	175	175	175	175	175	178	178	179	177	177	177	177	178	175	175	175	176	179
16.	D.C. HEATER TEMP	239	238	238	238	238	238	238	238	238	238	238	238	238	238	238	238	238	238	238	238	238	238	239	239
17.	SUPRHT TEMP PORT	725	720	720	715	730	730	730	735	730	724	717	725	720	715	715	720	720	720	725	730	724	720	719	725
18.	SUPRHT TEMP STBD	725	720	720	715	730	730	730	735	730	724	717	725	720	715	715	720	720	720	725	730	724	720	719	725
19.	F.O. SETT TEMP P	102	102	102	102	102	102	102	102	102	102	102	106	104	102	102	102	102	102	102	102	102	102	102	102
20.	F.O. SETT TEMP S	97	90	90	92	100	100	100	100	100	100	100	100	100	96	97	98	98	98	98	97	97	97	97	97
21.	UPTAKE PORT																								
22.	UPTAKE STBD																								
23.	F.O. PUMP SUCT TEMP	95	89	86	86	98	100	100	100	100	100	100	97	96	96	96	96	96	96	96	95	95	95	95	95
24.	MN FD PMP L.O. PORT	34	34	34	34	34	34	34	34	32	33	32	32	31	31	31	34	34	34	34	34	34	34	34	34
25.	MN FD PMP L.O. STBD	27	27	27	27	27	27	27	27	28	28	28	27	27	27	27	28	28	28	28	28	28	28	28	28
26.	L.O. TO GEARS	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
27.	AIR COOL L.O. PRESS		27		27		27		27	27	27	27	27		27		27			27	27	27	27	27	27

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
29. L.O. PRES #1	3	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
28. L.O. PRES #2	4	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
31. L.O. TO COOLER #1	3	136	136	136	136	136	136	136	137	137	137	138	138	138	138	138	138	138	138	138	138	138	136	137	136
34. L.O. TO COOLER #2	4	141	141	140	140	140	140	140	141	141	141	142	142	142	142	142	142	142	142	142	142	142	141	141	141
33. L.O. FROM COOLER #1	3	116	116	115	115	115	115	115	116	116	116	120	120	120	120	120	120	120	118	118	118	118	116	116	116
32. L.O. FROM COOLER #2	4	121	121	121	122	122	122	122	121	121	121	122	122	122	122	122	122	122	122	122	122	122	121	121	121
35. L.O. GOV PRES #1	3	61	61	61	62	62	62	62	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
34. L.O. GOV PRES #2	4	49	49	49	50	50	50	50	49	49	49	48	48	49	49	49	49	49	49	49	48	48	48	48	49
37. AMPS POS #1	3	1050	1100	1000	1000	1050	1000	1050	1000	1000	1025	1000	1000	1050	1050	1050	1050	1050	1050	1000	1050	1000	1000	1025	1050
36. AMPS POS #2	4	1050	1100	1000	1050	1000	1050	1000	1025	1000	1000	1000	1000	1050	1050	1050	1050	1050	1050	1000	1000	1000	1000	1000	1000
39. AMPS NEG #1	3	1050	1100	1000	1050	1050	1000	1100	1000	1025	1050	1000	1000	1050	1050	1050	1050	1100	1100	1050	1000	1025	1025	1000	1050
38. AMPS NEG #2	4	1050	1100	1000	1100	1000	1050	1050	1025	1000	1000	1000	1000	1050	1050	1050	1050	1100	1050	1050	1000	1000	1000	1000	1050
41. HP HIGH SPEED PIN. AFT		134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134
42. HP INTER SPEED PIN FWD		144	144	144	144	142	142	142	142	142	142	144	144	144	144	144	144	144	144	144	142	142	142	142	144
43. HP INTER SPEED PIN AFT		135	134	134	135	135	134	134	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135
44. L.P. THRUST BEARING		139	134	134	130	130	130	132	133	133	133	134	135	134	134	134	134	134	134	134	133	133	133	134	134
45. H.P. THRUST BEARING		144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144
46. LP HIGH SPEED PIN. FWD		128	128	128	130	128	128	128	128	126	126	128	128	128	128	128	128	128	128	128	126	127	127	127	128
47. LP HIGH SPEED PIN. AFT		134	134	134	125	124	124	124	121	121	122	134	134	134	134	134	125	125	125	125	123	123	122	122	122
48. LP INTER SPEED PIN FWD		144	144	144	144	144	144	144	145	145	145	144	144	144	144	144	144	144	144	144	145	145	145	145	144
49. LP INTER SPEED PIN. AFT		135	134	134	135	134	134	134	135	135	135	135	135	135	135	135	135	135	135	135	136	136	136	136	136
50. MAIN GEAR ROTOR FWD		102	112	112	112	112	112	112	110	110	110	112	112	112	112	112	112	112	112	112	112	111	111	111	112
51. MAIN GEAR ROTOR AFT		107	107	107	107	106	106	106	110	110	110	108	108	108	107	107	107	107	107	107	112	112	111	110	107
52. LP BLEND		10	10	10	10	11	11	11	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

ENG. R.M. #2

ECT 8-10 - SUN - MON 66.

	TIME	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
1.	L.P. EXHAUST TEMP	114	113	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114
2.	MN COND STE TEMP	110	110	111	111	111	111	112	110	112	111	110	110	110	110	110	110	110	110	110	110	110	110	110	110
3.	MN INJ TEMP	80	80	80	80	80	80	80	80	81	80	80	80	80	80	80	80	80	80	80	78	78	78	79	80
4.	MN OVBD TEMP	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
5.	L.O. TO COOLERS	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	123	123	124	124	124
6.	L.O. FROM COOLERS	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	108	110	110	110
7.	THRUST BRG TEMP	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	113	113	114	114
8.	FWD H.P. ROTOR BRG	124	124	124	124	124	124	124	126	124	124	124	125	125	125	125	125	125	125	125	123	123	123	123	124
9.	AFT H.P. ROTOR BRG	132	132	130	130	130	130	130	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
10.	FWD L.P. ROTOR BRG	128	128	128	128	128	128	128	128	128	128	128	130	130	130	130	128	128	128	128	128	127	127	127	128
11.	AFT L.P. ROTOR BRG																								
12.	HOT GEAR BRG FWD	143	143	143	144	144	144	144	143	143	143	143	143	143	143	143	144	144	144	144	144	144	144	144	143
13.	HOT GEAR BRG AFT	136	136	136	135	135	135	135	135	135	135	135	136	136	136	136	135	135	135	135	135	135	135	135	135
14.	AUX COND STE TEMP	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110	109/109	109/109	109/109	109/109	109/109	109/109	109/110	109/110	110/110
15.	1ST STAGE AIR TEMP	179	178	179	176	176	176	176	173	176	176	176	178	178	178	179	176	176	176	176	176	176	176	176	179
16.	D.C. HEATER TEMP	238	238	238	238	238	238	238	237	238	238	238	239	238	238	238	238	238	238	238	238	239	239	238	238
17.	SUPRHT TEMP PORT	725	720	714	710	710	715	715	734	719	719	731	720	720	718	714	715	715	715	715	713	714	725	725	725
18.	SUPRHT TEMP STBD	725	720	714	710	710	715	715	734	719	719	731	720	720	718	714	715	715	715	715	713	714	725	725	725
19.	F.O. SETT TEMP P	103	100	102	102	102	102	102	103	104	105	105	105	102	102	102	100	100	100	100	101	101	101	101	103
20.	F.O. SETT TEMP S	95	90	90	90	90	95	100	97	98	98	99	91	90	92	94	95	95	95	95	95	95	95	95	95
21.	UPTAKE PORT																								
22.	UPTAKE STBD																								
23.	F.O. PUMP SUCT TEMP	88	88	88	88	88	88	88	89	89	89	89	88	88	89	89	90	90	90	90	91	91	91	91	88
24.	MN FD PMP L.O. PORT	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	32	31
25.	MN FD PMP L.O. STBD	27	27	27	27	27	27	27	27	27	27	27	29	27	27	27	29	29	29	29	27	27	27	27	27
26.	L.O. TO GEARS	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
27.	AIR CONTR L.O. PRESS		27		27		27		27	27	27	27	27		27		27		27		27	27	27	27	27

ENG RM. #2

OCT 8.9.0 SUN - MON - 66

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
29. L.O. PRES #1	3	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
28. L.O. PRES #2	4	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.6	9.6	9.6	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.6	9.6	9.6	9.6	9.7
31. L.O. TO COOLER #1	3	138	138	137	138	138	138	138	138	138	138	138	140	140	140	140	140	140	140	140	138	138	138	138	138
34. L.O. TO COOLER #2	4	142	142	142	142	142	142	142	142	142	142	142	144	144	144	144	144	144	144	144	142	142	142	142	142
33. L.O. FROM COOLER #1	3	120	120	119	120	120	120	120	120	120	120	120	121	121	121	121	120	120	120	120	118	118	118	118	120
32. L.O. FROM COOLER #2	4	122	122	122	122	122	122	122	124	124	123	123	125	125	125	125	124	124	124	124	122	122	122	122	122
35. L.O. GOV PRES #1	3	61	61	61	62	62	62	62	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
34. L.O. GOV PRES #2	4	49	49	49	49	49	49	49	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	49
37. AMPS POS #1	3	1150	1200	1200	1200	1200	1200	1200	975	975	1000	1200	1250	1200	1250	1100	1100	1200	1150	1150	1175	1175	1175	1175	1150
36. AMPS POS #2	4	1150	1200	1200	1200	1250	1200	1150	1225	1000	1000	950	1200	1250	1250	1200	1200	1150	1150	1175	1175	1175	1175	1175	1150
39. AMPS NEG #1	3	1150	1200	1200	1250	1200	1200	1250	1225	975	1000	1000	1200	1250	1200	1250	1150	1200	1200	1200	1175	1200	1225	1200	1150
38. AMPS NEG #2	4	1150	1200	1200	1250	1250	1200	1200	1275	1000	1000	950	1200	1250	1200	1250	1200	1200	1200	1150	1200	1200	1175	1200	1150
41. HP HIGH SPEED PIN. AFT		134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134
42. HP INTER SPEED PIN FWD		144	144	144	144	144	144	144	142	142	142	142	144	144	144	144	144	144	144	144	142	142	142	142	144
43. HP INTER SPEED PIN AFT		135	135	135	135	135	135	135	135	135	135	135	128	128	128	128	135	135	135	135	135	135	135	135	135
44. L.P. THRUST BEARING		134	134	134	134	134	134	134	132	133	133	133	135	135	135	135	132	132	132	132	133	133	133	133	134
45. H.P. THRUST BEARING		144	144	144	144	144	144	144	145	143	143	143	144	144	144	144	144	144	144	144	144	143	143	143	144
46. LP HIGH SPEED PIN. FWD		128	128	128	128	128	128	128	128	128	128	128	130	130	130	130	132	132	132	132	128	127	128	128	128
47. LP HIGH SPEED PIN. AFT		126	126	126	126	126	126	121	121	121	121	121	128	128	128	128	125	125	125	124	123	121	121	121	126
48. LP INTER SPEED PIN FWD		144	144	144	144	144	144	144	143	143	143	143	144	144	144	144	144	144	144	144	144	144	144	144	144
49. LP INTER SPEED PIN. AFT		135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135
50. MAIN GEAR ROTOR FWD		112	112	112	112	112	112	111	112	112	111	112	112	112	112	112	112	112	112	112	110	110	110	110	112
51. MAIN GEAR ROTOR AFT		106	106	106	106	106	106	106	110	110	111	111	108	108	108	108	106	106	106	106	110	110	110	110	106
52. LP BLEND		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Fwd ENGINE Room 10-9x10-66

TIME	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
1. L.P. EXHAUST TEMP	115		116		115	116	116	116		114			115	116		115	115	116	116		116			
2. MN COND TEMP TEMP	113		113		114	114	114	112		110			113	114		112	112	112	112		112			
3. MN INJ TEMP	84		83		83	83	84	85		84			84	84		84	82	82	83		83			
4. MN OVBD TEMP	96		95		96	96	96	96		95			96	96		95	95	95	96		95			
5. L.O. TO COOLERS	124		124		124	124	124	125		124			125	126		125	124	125	124		124			
6. L.O. FROM COOLERS	107		107		108	108	108	108		107			108	109		108	108	108	108		108			
7. THRUST BRG TEMP	116		116		116	116	116	116		115			117	117		115	115	115	115		116			
8. FWD H.P. ROTOR BRG	127		127		125	125	125	129		129			128	129		125	125	125	127		126			
9. AFT H.P. ROTOR BRG	137		137		135	135	135	135		135			137	137		135	135	135	135		135			
10. FWD L.P. ROTOR BRG	133		133		132	132	134	134		134			135	136		132	132	132	134		134			
11. AFT L.P. ROTOR BRG	133		132		132	132	134	133		131			134	135		134	134	134	134		134			
12. HOT GEAR BRG FWD	154		153		155	155	155	155		155			154	156		152	154	155	154		154			
13. HOT GEAR BRG AFT	150		150		150	150	150	154		154			150	152		148	150	150	153		149			
14. AUX COND TEMP TEMP	113		113		114	114	114	112		110			113	114		112	112	112	112		117			
15. 1ST STAGE AIR TEMP	169		168		168	168	170	172		166			169	169		168	168	168	168		168			
16. D.C. HEATER TEMP	240		241		240	240	240	240		239			241	241		240	240	242	240		240			
17. SUPRHT TEMP PORT	730		730		730	730	730	730		730			735	735		735	735	735	735		735			
18. SUPRHT TEMP STBD	630		630		630	630	630	630		630			630	630		630	630	630	630		630			
19. F.O. SETT TEMP P	91		88		88	90	92	92		92			96	95		96	96	96	92		94			
20. F.O. SETT TEMP S	99		98		98	98	96	94		96			98	90		90	90	92	98		96			
21. UPTAKE PORT	300		305		310	310	310	305		295			300	300		300	300	300	300		300			
22. UPTAKE STBD	315		320		315	315	315	310		295			295	300		295	295	295	315		315			
23. F.O. PUMP SUCT TEMP	101		102		102	102	102	109		109			97	94		94	94	96	94		96			
24. MN FD PMP L.O PORT	30		30		30	30	30	31		30			31	31		31	31	31	29		29			
25. MN FD PMP L.O STBD	39		42		42	42	42	40		41			43	40		40	40	40	39		39			
26. L.O. TO GEARS	110		110		110	110	110	110		110			110	110		110	110	110	110		110			
27. AIR CONTR L.O. PRESS	26		26		26	26	26	25		25			26	26		26	26	26	25		25			

Fwd ENGINE ROOM 10-9+10-66

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
29. L.O. PRES #1	9		9		9	9	9	9		9			9		9		9	9	9	9		9		
28. L.O. PRES #2																								
31. L.O. TO COOLER #1	121		120		120	120	120	120		121			122		122		120	120	120	120		120		
30. L.O. TO COOLER #2																								
33. L.O. FROM COOLER #1	111		110		110	110	110	110		110			112		112		110	110	110	110		110		
32. L.O. FROM COOLER #2																								
35. L.O. GOV PRES #1	62		62		62	62	62	62		62			62		62		62	62	62	62		62		
34. L.O. GOV PRES #2																								
37. AMPS POS #1	1350		1400		1400	1400	1350	1400		1350			1400		1400		1350	1350	1350	1350		1350		
36. AMPS POS #2																								
39. AMPS NEG #1	1350		1400		1400	1400	1350	1400		1350			1400		1400		1350	1350	1350	1350		1350		
38. AMPS NEG #2																								
41. HP HIGH SPEED PIN. AFT	148		147		146	146	146	149		149			148		149		146	146	146	146		146		
42. HP INTER SPEED PIN FWD	137		137		137	137	136	136		137			135		137		135	135	135	135		135		
43. HP INTER SPEED PIN AFT	138		137		137	137	137	140		140			140		140		140	140	140	138		138		
44. L.P. THRUST BEARING	131		130		129	130	130	131		130			131		132		132	130	130	131		131		
45. H.P. THRUST BEARING	147		147		145	145	146	146		145			147		148		145	145	145	145		146		
46. LP HIGH SPEED PIN. FWD	134		135		134	134	134	135		134			135		135		134	134	134	135		135		
47. LP HIGH SPEED PIN. AFT	129		129		128	128	128	129		129			130		130		128	128	128	129		129		
48. LP INTER SPEED PIN FWD	150		150		150	150	150	151		148			150		152		148	150	150	150		150		
49. LP INTER SPEED PIN. AFT	132		132		132	132	132	130		132			132		132		126	128	128	129		130		
50. MAIN GEAR RCTOR FWD																								
51. MAIN GEAR RCTOR AFT																								
52. LP BLEED	6"		6"		6"	6"	6"	6"		6"			7"		6"		6"	6"	6"	6"		6"		

1100-20'
10-6'
4-6
1100-12-7
10-18
D.W.7-11-7
4-1

OCT 8 - 9 - 66

	TIME	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
1.	L.P. EXHAUST TEMP	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114
2.	MN COND STE TEMP	110	110	110	110	110	110	109	110	110	110	110	110	110	110	112	112	110	110	111	111	111	110	110	110
3.	MN INJ TEMP	80	80	80	80	80	80	80	79	79	79	80	80	80	80	80	80	80	80	80	80	80	80	80	80
4.	MN OVBD TEMP	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
5.	L.O. TO COOLERS	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	124	123	124
6.	L.O. FROM COOLERS	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
7.	THRUST BRG TEMP	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114
8.	FWD H.P. ROTOR BRG	125	125	125	125	125	125	125	124	124	124	124	125	125	125	125	125	125	125	124	124	124	124	124	125
9.	AFT H.P. ROTOR BRG	132	132	132	132	132	132	132	130	130	130	130	132	132	132	132	132	132	132	132	132	132	132	132	132
10.	FWD L.P. ROTOR BRG	128	128	128	128	128	128	128	128	128	129	128	128	128	128	128	130	130	130	130	128	128	128	128	128
11.	AFT L.P. ROTOR BRG																								
12.	HOT GEAR BRG FWD	143	143	143	144	144	144	144	143	143	143	144	143	143	143	143	144	144	144	144	145	145	145	145	144
13.	HOT GEAR BRG AFT	136	136	136	136	136	136	136	135	135	135	135	136	136	136	136	136	136	136	135	135	135	135	135	136
14.	AUX COND STE TEMP	110/110	110/110	110/110	110/110	110/110	110/110	110/110	108/108	108/108	108/108	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110	110/110
15.	1ST STAGE AIR TEMP	178	178	178	176	176	176	176	176	176	176	176	178	178	178	177	176	176	176	176	176	176	176	176	178
16.	D.C. HEATER TEMP	238	238	238	238	238	238	238	238	238	238	238	238	238	238	240	240	240	240	240	238	238	238	238	238
17.	SUPRHT TEMP PORT	725	722	720	715	715	715	715	730	731	725	723	725	725	720	718	725	725	720	720	727	725	721	725	725
18.	SUPRHT TEMP STBD	725	722	720	715	715	715	715	730	731	725	723	725	725	720	718	725	725	720	720	727	725	721	725	725
19.	F.O. SETT TEMP P	102	102	94	104	104	104	104	105	106	106	105	103	103	104	102	102	102	102	102	102	102	102	102	102
20.	F.O. SETT TEMP S	93	93	91	90	90	90	90	91	91	91	91	95	95	95	92	92	92	94	94	92	92	93	93	93
21.	UPTAKE PORT																								
22.	UPTAKE STBD																								
23.	F.O. PUMP SUCT TEMP	90	90	92	92	92	92	92	92	92	92	92	92	92	93	88	88	88	90	90	90	90	90	90	90
24.	MN FD PMP L.O. PORT	31	31	31	31	31	31	31	32	32	32	31	31	31	31	31	31	31	31	31	31	31	31	31	31
25.	MN FD PMP L.O. STBD	28	28	28	28	28	28	28	27	30	28	30	27	27	27	29	29	29	29	29	28	28	28	28	28
26.	L.O. TO GEARS	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
27.	AIR CONTR L.O. PRESS	27		27				27	27	27	27	27	27		27		27			27	27	27	27	27	27

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
29. L.O. PRES #1	3	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
28. L.O. PRES #2	4	9.7	9.7	9.7	9.7	9.7	9.7	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.7	9.7	9.7	9.7	9.7	9.6	9.6	9.6	9.6	9.7
31. L.O. TO COOLER #1	3	139	139	139	138	138	138	138	138	138	138	140	140	140	140	140	140	140	140	139	139	139	139	139
30. L.O. TO COOLER #2	4	143	143	143	138	138	138	138	143	143	143	143	145	145	145	145	145	145	145	144	144	144	144	143
33. L.O. FROM COOLER #1	3	121	121	121	120	120	120	120	120	120	120	120	122	122	122	122	122	122	122	121	121	121	121	121
32. L.O. FROM COOLER #2	4	124	124	124	124	124	124	122	124	124	124	125	128	128	128	128	128	128	128	126	126	125	125	124
35. L.O. GOV PRES #1	3	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
34. L.O. GOV PRES #2	4	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48
37. AMPS POS #1	3	1150	1150	1200	1150	1150	1150	1175	1175	1175	1200	1200	1200	1200	1200	1200	1200	1200	1200	1175	1150	1175	1175	1150
36. AMPS POS #2	4	1150	1150	1200	1150	1150	1100	1200	1175	1175	1225	1200	1200	1200	1200	1200	1150	1150	1200	1200	1175	1175	1150	1150
39. AMPS NEG #1	3	1150	1150	1200	1200	1150	1200	1200	1200	1200	1225	1225	1200	1200	1200	1200	1250	1200	1250	1200	1175	1200	1225	1200
38. AMPS NEG #2	4	1150	1150	1200	1150	1150	1150	1200	1200	1200	1225	1225	1200	1200	1200	1200	1200	1200	1250	1200	1200	1175	1150	1150
41. HP HIGH SPEED PIN. AFT		134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134	134
42. HP INTER SPEED PIN FWD		144	144	144	144	144	144	142	142	142	142	144	144	144	144	144	144	144	144	142	142	142	142	142
43. HP INTER SPEED PIN AFT		134	135	135	135	135	135	134	134	134	134	130	130	130	130	130	130	130	130	135	135	135	135	135
44. L.P. THRUST BEARING		133	133	133	134	134	134	132	132	133	133	133	133	133	133	134	134	134	134	133	132	132	131	131
45. H.P. THRUST BEARING		144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144	144
46. LP HIGH SPEED PIN. FWD		130	130	130	130	130	130	128	128	129	129	134	134	134	134	130	130	130	130	130	130	130	130	130
47. LP HIGH SPEED PIN. AFT		125	125	125	125	125	125	121	121	121	121	132	132	132	132	125	125	125	125	123	123	123	123	123
48. LP INTER SPEED PIN FWD		144	144	144	144	144	144	143	143	143	144	144	144	144	144	144	144	144	144	145	145	145	145	145
49. LP INTER SPEED PIN. AFT		135	135	135	135	135	135	135	135	135	135	128	128	128	128	135	135	135	135	135	135	135	135	135
50. MAIN GEAR ROTOR FWD		112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	110	110	110
51. MAIN GEAR ROTOR AFT		108	108	108	108	108	108	110	110	110	110	108	108	108	108	108	108	108	108	112	111	111	110	110
52. LP BLEAD		10	10	10	10	10	10	11	10	11	10	11	11	11	10	10	10	10	10	10	10	10	10	10

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY X

U. S. S.

U. S. S. CHEN. JOHN POPE

PLANT NO.

AT ANCHOR _____

TIME: ZONE DESCRIPTION

SET CLOCKS

AHEAD

20 min

MINUTES AT 2300-0100-0500

DATE 10-19 19 66

	10-20-66											10-19-66													
	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	8	8	8						8	8	8	8	8	8	8	8	8	8	8	8		
STEAM FROM REG. VALVE, PRESSURE #G	4	4	4	4	4	4						4	4	4	4	4	4	4	4	4	4	4	4		
STEAM TO 1ST EFFECT, PRESSURE, *HG OR #G	1	1	1	2	2	2						1	1	1	1	2	2	2	2	1	1	1	1		
STEAM TO 1ST EFFECT, TEMPERATURE, °F	240	240	240	240	240	240						236	234	240	240	240	240	240	240	240	240	240	240		
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	185	185	185	185	185	185						185	185	185	185	185	185	185	185	185	185	185	185		
1ST EFFECT SHELL PRESSURE, *HG	9"	9"	9"	9"	9"	9"						9"	9"	9"	9"	9"	9"	9"	9"	9	9	9	9		
2D EFFECT COIL DRAIN, TEMPERATURE, °F	158	158	158	160	160	160						160	160	160	160	162	162	162	162	158	158	158	158		
2D EFFECT SHELL PRESSURE, *HG	17"	17"	17"	17"	17"	17"						16"	16"	16"	16"	17"	17"	17"	17"	17	17	17	17		
3D EFFECT COIL DRAIN, TEMPERATURE, °F	148	148	148	150	150	150						152	152	152	152	152	152	152	152	148	148	148	148		
3D EFFECT SHELL PRESSURE, *HG																									
CONDENSATE TO COOLER, TEMPERATURE, °F	124	124	124	124	124	124						126	126	126	126	126	126	126	126	126	126	126	126		
CONDENSATE FROM COOLER, TEMPERATURE, °F	82	82	82	86	80	80						82	82	82	82	84	84	84	84	82	82	82	82		
BRINE OVERBOARD, TEMPERATURE, °F	124	124	124	124	124	124						126	126	126	126	126	126	126	126	126	126	126	126		
STEAM TO AIR EJECTOR, PRESSURE, #G	92	92	92	92	92	92						92	92	92	92	92	92	92	92	92	92	92	92		
AIR EJECTOR DRAINS, TEMPERATURE, °F																									
CIRC. WATER INJECTION, TEMPERATURE, °F	57	56	55	55	55	55						63	63	63	63	63	63	63	63	57	57	57	57		
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F				55	55	55											63	63	63	63	57	57	57	57	
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F																									
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F																									
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F																									
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	108	108	108	108	108	108						110	110	108	108	110	110	110	112	110	110	108	108		
FEED TO 1ST EFFECT, TEMPERATURE, °F	132	132	132	130	130	130						132	132	132	132	134	134	134	134	134	132	132	132		
CIRC. WATER OVERBOARD, TEMPERATURE, °F	76	74	74	74	74	74						80	80	80	80	80	80	80	80	78	78	78	78		
CIRC. PUMP SUCTION PRESSURE, #G	1	1	1	1	1	1						1	1	1	1	1	1	1	1	1	1	1	1		
CIRC. PUMP DISCHARGE PRESSURE, #G	17	17	17	17	17	17						15	15	15	15	17	17	17	17	17	17	17	17		
BRINE PUMP SUCTION PRESSURE, #G	21"	21"	21"	21"	21"	21"						20"	20"	20"	20"	20"	20"	20"	20"	20	20	20	20		
BRINE PUMP DISCHARGE PRESSURE, #G	40	40	40	40	40	40						39	39	40	40	38	38	40	40	40	40	40	40		
FEED PUMP SUCTION PRESSURE, #G	10	10	10	10	10	10						7	7	7	7	7	7	8	8	8	8	8	8		
FEED PUMP DISCHARGE PRESSURE, #G	17	17	17	17	17	17						16	16	17	17	17	17	17	17	17	17	17	17		
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	0	0	0	0	0	0						0	0	0	0	0	0	0	0	0	0	0	0		
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	60	60	60	60	60	60						59	59	60	60	60	60	60	60	60	60	60	60		
F. W. PUMP DISCHARGE PRESSURE	37	37	37	10	10	10						37	37	37	37	10	10	10	10	10	10	10	10		
FEED DENSITY, 32NDS																									
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5						1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5		
Chemical test.	0.2	0.2	0.2	2.0	2.0	2.0						0.2	0.2	0.2	0.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		
AIR EJECTOR DRAINS, SALINITY—E. P. M.	0.1	0.1	0.1	0.8	0.8	0.8						0.1	0.1	0.1	0.1	0.8	0.8	0.8	0.8	0.1	0.1	0.1	0.1		
1ST EFFECT DRAINS, SALINITY—E. P. M.	0.1	0.1	0.1	0.4	0.4	0.4						0.1	0.1	0.1	0.1	0.3	0.4	0.4	0.4	0.1	0.1	0.1	0.1		
CONDENSATE FROM COOLER, SALINITY—E. P. M.																									

10-20-66

#1

10-19-66

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS	
		SHIPS TANKS*	FEED TANKS*
0000			
0100	08208500	2400	
0200			
X 0300	08210600		2100
0400			
0500			
0600			
X 0700	08215100		4500
0800			
0900			
1000			
thurs 1100			
X 1200	08190700		
1300	08194300		3600
1400			
X 1500	08195900	1600	
1600			
1700			
1800			
X 1900	08201100	5200	
2000			
2100			
2200			
X 2300	08206100	5000	
2400			

0000-0400

2400 - dist to #3 P+S
0100 - dist to #2-S

REMARKS

1200-1600

1200 - dist to #1-S - tested 2-d 1200
1250 - dist to #2-P - tested 2-d 1250
1345 - dist to #3-P+S
pumped bilges in evap & refer spaces

SIGNED

H.M. Guinan

SIGNED

H.M. Guinan

0400-0800

@0400 shifted dist. to #1 stld-feed
pumped Bilges in Evap & Refer plots
@0600 shifted dist to #2 stld. feed
@0635 secured #1 Evap.
@0645 secured Hagevap pump &
drained Hagevap Tank - Rinsed
out Tank. pumped Bilges in Evaps.

1600-2000

#1 Evap. Dist to #3 port & stld.
@1800 cleaned strainer in #1 Hagevap
line. @1800 filled #1 Hagevap Tank.
pumped Bilges in Evap & Refer plots.

SIGNED

R. Sheppard

SIGNED

R. Sheppard

0800-1200

* Indicate under REMARKS number of tanks being filled.

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
DATE LAST SCALED	7-30-66	7-30-66	7-30-66
HOURS BROUGHT FORWARD	1452		
HOURS THIS DATE			
HOURS TO DATE			
GALLONS BROUGHT FORWARD	16001000		
GALLONS THIS DATE			
GALLONS TO DATE			
CHECKED (Signature)			
APPROVED			
(Engineer Officer, U. S. N.)			

AF FORM 100-100

SIGNED

2000-2400

#1 EVAP Dist. to #3
PORT & STLD.

SIGNED

E.J. Magallanes

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY X

U. S. S.

U. S. S. LTJEN. JOHN. POPE

PLANT NO.

1

AT ANCHOR _____

TIME: ZONE DESCRIPTION

**AHEAD
OR
SET CLOCKS BACK**

20 min

MINUTES AT 2300-0100-0500

DATE 10-18

1966

	10 - 19 - 66												10 - 18 - 66											
	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	8	8	8	8	8	8	8	8	7	8	8	8	8	8	8	8	8	8	8	8	
STEAM FROM REG. VALVE, PRESSURE #G	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
STEAM TO 1ST EFFECT, PRESSURE, *HG OR #G	1	1	1	1	2	2	2	2	1	1	1	2	2	1	1	1	1	2	2	1	1	1	1	
STEAM TO 1ST EFFECT, TEMPERATURE, °F	240	240	236	240	240	240	240	240	240	240	240	234	240	240	240	240	240	240	240	240	240	240	240	
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	190	185	185	185	185	185	185	185	185	185	185	190	190	185	185	185	185	185	185	185	185	185	185	
1ST EFFECT SHELL PRESSURE, *HG	9"	9"	9"	9"	9"	9"	9"	9	9	9	9	8"	8"	9"	9"	10"	10"	9"	9"	9	9	9	9	
2D EFFECT COIL DRAIN, TEMPERATURE, °F	160	160	160	160	160	160	162	158	158	158	158	160	160	160	160	160	160	164	164	158	158	158	158	
2D EFFECT SHELL PRESSURE, *HG	16"	16"	16"	17"	17"	17"	17"	17	17	17	17	16"	16"	16"	16"	17"	17"	17"	16"	16	16	16	16	
3D EFFECT COIL DRAIN, TEMPERATURE, °F	154	154	154	150	150	150	152	152	150	150	150	150	152	154	154	152	152	152	152	150	150	150	150	
3D EFFECT SHELL PRESSURE, *HG																								
CONDENSATE TO COOLER, TEMPERATURE, °F	128	126	126	124	126	126	128	128	128	128	128	126	126	130	130	130	130	130	130	130	130	130	130	
CONDENSATE FROM COOLER, TEMPERATURE, °F	86	84	84	84	84	84	84	84	84	84	84	84	84	86	86	86	84	84	84	86	86	86	86	
BRINE OVERBOARD, TEMPERATURE, °F	130	126	126	124	126	126	126	128	128	128	128	128	128	130	130	130	130	130	130	130	130	130	130	
STEAM TO AIR EJECTOR, PRESSURE, #G	88	88	88	90	90	90	90	92	92	92	92	86	86	88	88	88	88	88	88	86	86	86	86	
AIR EJECTOR DRAINS, TEMPERATURE, °F																								
CIRC. WATER INJECTION, TEMPERATURE, °F	66	65	65	65	65	65	65	67	67	67	67	66	67	67	67	67	67	67	67	66	66	66	66	
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F				65	65	65	65	67	67	67	67					67	67	67	67	66	66	66	66	
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F																								
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F																								
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	112	112	112	110	110	110	112	110	110	110	110	112	112	112	112	112	112	112	112	112	112	112	112	
FEED TO 1ST EFFECT, TEMPERATURE, °F	134	134	134	132	132	132	134	132	132	132	132	134	134	134	134	134	134	136	136	134	134	134	134	
CIRC. WATER OVERBOARD, TEMPERATURE, °F	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	86	86	86	86	86	86	
CIRC. PUMP SUCTION PRESSURE, #G	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	
CIRC. PUMP DISCHARGE PRESSURE, #G	16	16	16	17	17	17	17	17	17	17	17	15	15	15	15	16	17	17	17	15	17	17	17	
BRINE PUMP SUCTION PRESSURE, #G	20"	20"	20"	20"	20"	20"	20"	20	20	20	20	21"	21"	21"	20"	21"	21"	21"	21"	21	21	21	21	
BRINE PUMP DISCHARGE PRESSURE, #G	40	40	40	40	40	40	40	40	40	40	40	39	39	39	40	42	42	40	42	40	40	40	40	
FEED PUMP SUCTION PRESSURE, #G	8	8	8	10	10	10	10	10	10	10	10	7	7	7	7	7	7	8	9	7	7	7	7	
FEED PUMP DISCHARGE PRESSURE, #G	20	20	20	18	18	18	18	18	18	18	18	20	20	20	18	20	20	20	18	20	20	20	20	
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1"	2"	2"	1"	1"	0	0	0	0	
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	60	60	60	60	60	60	60	60	60	60	60	59	59	59	59	60	60	60	60	58	58	58	58	
F. W. PUMP DISCHARGE PRESSURE	37	37	37	10	10	10	10	10	10	10	10	37	37	37	37	10	10	10	10	10	10	10	10	
FEED DENSITY, 32NDS																								
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Chemical test	0.4	0.6	0.3	20	20	20	20	20	20	20	20	0.2	0.6	2.5	0.4	20	20	20	20	20	20	20	20	
AIR EJECTOR DRAINS, SALINITY—E. P. M.	0.1	0.1	0.1	0.8	0.8	0.8	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.8	0.8	0.8	0.8	0.1	0.1	0.1	0.1	
1ST EFFECT DRAINS, SALINITY—E. P. M.	0.1	0.1	0.1	0.4	0.4	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.4	0.4	0.4	0.1	0.1	0.1	0.1	
CONDENSATE FROM COOLER, SALINITY—E. P. M.																								

10-19-66

#-1

10-18-66

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS	
		SHIPS TANKS*	FEED TANKS*
0000			
0100			
0200			
x 0300	08180900	4100	
0400			
0500			
0600			
x 0700	08185600		4700
0800			
0900			
1000			
x 1100	08190700		5100
x 1200	08161100		
1300	08163300		2200
1400			
y 1500	08166200	2900	
1600			
1700			
1800			
x 1900	08171300	5100	
2000			
2100			
2200			
x 2300	08176800	4800	
2400			

* Indicate under REMARKS number of tanks being filled.

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
DATE LAST SCALED	7-30-66	7-30-66	7-30-66
HOURS BROUGHT FORWARD	1428		
HOURS THIS DATE			
HOURS TO DATE			
GALLONS BROUGHT FORWARD	15972100		
GALLONS THIS DATE			
GALLONS TO DATE			
CHECKED (Signature)			
APPROVED			
(Engineer Officer, U. S. N.)			

0000-0400

2400-dist. to #3-P-4-S.
0300-dist to #1-S- tested 2.d.

SIGNED

H.M. Guinan

0400-0800

#1 Evap. Dist. to #1 stld-feed.
pumped Bilges in Evap & Ref. flats.
00700 shifted Dist. to #2 port-feed

SIGNED

R. Shippard

0800-1200

#-1 EVAP DIST. TO #
2 PORT FEED....

PRINTING FLOOR FLOOR PLATE

SIGNED

E. J. Magallanes

REMARKS

1200-1600

1200-dist to #2-P- tested 2.d. 1200
1255-dist to #3-P-4-S.

flushed & pumped bilges in evap space

SIGNED

H.M. Guinan

1600-2000

#1 Evap. Dist. to #3 port & stld.
Pumped Bilges in Evap & Ref. flats.
01800 filled #1 No. 1 Evap. Tank.

SIGNED

R. Shippard

2000-2400

#1 EVAP DIST. TO #3 PORT
& STBD...

Added 8 OZ Chlorine per
1000 GALS DIST....

STENCILING in EVAP FLAT

SIGNED

E. J. Magallanes

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY X

U. S. S.

GEN. JOHN POPE

PLANT NO.

AHEAD OR S BACK

MINUTES AT

DATE _____

10-17

19

66

TIME: ZONE DESCRIPTION

SET CLOCKS **OR** BACK

HOUR ENDING

10-17-66

	10-18-66											10-17-66												
	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	8	8	8	8	9	9	9	9	9	9	8	8	9	9	9	9	9	9	9	9	
STEAM FROM REG. VALVE, PRESSURE #G	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
STEAM TO 1ST EFFECT, PRESSURE, *HG OR #G	1	1	1	12	2	2	2	2	2	2	2	1.5	1.5	1.5	1.5	2	2	2	2	2	2	2	2	
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	185	185	185	185	185	185	185	185	185	185	185	190	190	185	185	185	185	185	185	185	185	185	185	
1ST EFFECT SHELL PRESSURE, *HG	9"	9"	9"	9"	9"	9"	9"	9	9	9	9	9"	9"	9"	9"	10"	10"	10"	10"	10	10	10	10	
2D EFFECT COIL DRAIN, TEMPERATURE, °F	158	158	158	162	164	164	164	158	158	158	158	158	158	160	158	160	160	160	162	158	158	158	158	
2D EFFECT SHELL PRESSURE, *HG	16"	16"	16"	17"	17"	17"	17"	17	17	17	17	16"	16"	16"	16"	17"	17"	17"	17"	17	17	17	17	
3D EFFECT COIL DRAIN, TEMPERATURE, °F	148	148	148	150	150	150	150	150	150	150	158	148	148	148	148	148	148	148	148	148	148	148	148	
3D EFFECT SHELL PRESSURE, *HG																								
CONDENSATE TO COOLER, TEMPERATURE, °F	126	126	126	126	124	126	126	128	128	128	128	134	134	134	134	136	136	136	136	126	126	126	126	
CONDENSATE FROM COOLER, TEMPERATURE, °F	84	84	84	82	82	84	84	85	85	85	85	86	86	86	86	84	84	84	84	84	84	84	84	
BRINE OVERBOARD, TEMPERATURE, °F	128	128	128	124	124	124	124	126	126	126	126	138	138	138	136	136	136	136	136	126	126	126	126	
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	
AIR EJECTOR DRAINS, TEMPERATURE, °F																								
CIRC. WATER INJECTION, TEMPERATURE, °F	65	65	65	65	65	65	65	67	67	67	67	62	62	62	63	63	63	63	63	62	62	62	62	
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F				65	65	65	65	67	67	67	67					63	63	63	63	62	62	62	62	
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F																								
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F																								
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	110	110	110	110	110	110	110	110	110	110	110	110	110	108	110	110	110	108	110	110	110	110	110	
FEED TO 1ST EFFECT, TEMPERATURE, °F	132	132	132	132	132	132	132	132	132	132	132	134	134	132	132	130	130	132	132	132	132	132	132	
CIRC. WATER OVERBOARD, TEMPERATURE, °F	82	82	82	82	82	82	82	84	84	84	84	80	80	80	82	80	80	80	80	82	82	82	82	
CIRC. PUMP SUCTION PRESSURE, #G	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
CIRC. PUMP DISCHARGE PRESSURE, #G	15	15	15	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	
BRINE PUMP SUCTION PRESSURE, #G	21"	21"	21"	21"	21"	21"	21"	21	21	21	21	21"	21"	21"	21"	21"	21"	21"	21"	21	21	21	21	
BRINE PUMP DISCHARGE PRESSURE, #G	40	40	40	40	40	40	40	40	40	40	40	39	39	43	40	40	40	40	40	40	40	40	40	
FEED PUMP SUCTION PRESSURE, #G	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	8	8	8	8	8	8	8	8	
FEED PUMP DISCHARGE PRESSURE, #G	17	17	17	20	20	20	19	19	18	18	18	18	18	18	18	20	20	20	19	17	17	17	17	
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	60	60	60	60	60	60	60	58	58	58	58	59	59	58	58	60	60	60	60	58	58	58	58	
F. W. PUMP DISCHARGE PRESSURE	37	37	37	10	10	10	10	10	10	10	10	37	37	37	37	10	10	10	10	78	10	10	10	
FEED DENSITY, 32NDS																								
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Chemical test.	0.2	0.2	0.2	20	20	20	20	20	20	20	20	0.2	0.2	0.2	0.2	20	20	20	20	20	20	20	20	
AIR EJECTOR DRAINS, SALINITY—E. P. M.	0.1	0.1	0.1	0.8	0.8	0.8	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.8	0.8	0.8	0.8	0.1	0.1	0.1	0.1	
1ST EFFECT DRAINS, SALINITY—E. P. M.	0.1	0.1	0.1	0.5	0.5	0.4	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.4	0.5	0.5	0.1	0.1	0.1	0.1	
CONDENSATE FROM COOLER, SALINITY—E. P. M.																								

10-18-66

#-1

10-17-66

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS	
		SHIPS TANKS*	FEED TANKS*
0000			
0100			
0200			
x 0300	08151100		5000
0400			
0500			
0600			
x 0700	08156100		5000
0800			
0900			
1000			
Tues. x 1100	08161100		5000
x 1200	08130900		
1300			
1400			
x 1500	08136100		5200
1600			
1700			
1800			
x 1900	08141200		5100
2000			
2100			
2200			
x 2300	08146100		4900
2400			

* Indicate under REMARKS number of tanks being filled.

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
DATE LAST SCALED	7-30-66	7-30-66	7-30-66
HOURS BROUGHT FORWARD	1404		
HOURS THIS DATE			
HOURS TO DATE			
GALLONS BROUGHT FORWARD	1594/1900		
GALLONS THIS DATE			
GALLONS TO DATE			
CHECKED (Signature)			
APPROVED			
(Engineer Officer, U. S. N.)			

0000-0400
2400 dist to #12-P. tested 2-d
0330 #2-P. tested 2-drops

SIGNED

H.M. Luman

0400-0800
20400 #1 Evap. Dist. to #1 stbd-feed
pumped Bilges in Evap & Refr Flats

#1 port - 24' - Test 2 drops
#1 stbd. - 20' - Test 2 drops
#2 port - 22' - Test 2 drops
#2 stbd - 24' - Test 2 drops

SIGNED

R. Sheppard

0800-1200
#1 EVAP Dist. to #1
1 FEED TR. @ 11:00
Shifted Dist. to #2
10 PORT. #1 STBD & #1 PORT Dist. to #2
TEST - 2 DROPS @ 11:00

SIGNED

E.S. Magallanes

REMARKS

1200-1600
1200 - dist. to #2-P. tested 2-d.
1500 - dist to #2-S. tested 2-d
1505 - #2-P. tested 2-d

pumped bilges in evap space

SIGNED

H.M. Luman

1600-2000
#1 Evap. Dist. to #2 stbd-feed
@ 1800 filled #1 HIGROUP TANK.
pumped Bilges in Evap & Refr Flats

SIGNED

R. Sheppard

2000-2400
#1 EVAP Dist. to #2
STBD FEED. @ 2300 Shifted
Dist. to #2 PORT FEED...
@ 23:00 #2 STBD & #2 PORT
TEST - 2 DROPS... PAINTING
FLOOR PLATE IN EVAP

SIGNED

E.S. Magallanes

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY X

U. S. S.

U. S. S. CHEN JOHN POPE

PLANT NO.

**AHEAD
OR
S BACK**

20 min

MINUTES AT 2300 - 0100 - 0500

DATE 10-16

19 66

AT ANCHOR _____

TIME: ZONE DESCRIPTION

SET CLOCKS **BACK**

HOUR ENDING

10-16-66

	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
STEAM TO REG. VALVE, PRESSURE, #G	7	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
STEAM FROM REG. VALVE, PRESSURE, #G	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
STEAM TO 1ST EFFECT, PRESSURE, *HG OR #G	1	1.5	1.5	2	2	2	2	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, TEMPERATURE, °F	228	234	234	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	185	185	185	185	185	185	185	185	185	185	185	185	185	180	180	184	185	185	185	185	185	185	185	185
1ST EFFECT SHELL PRESSURE, *HG	10"	9"	9"	10"	10"	10"	10"	10	10	10	10	10"	10"	10"	10"	8"	8"	9"	9"	9	9	9	9	9
2D EFFECT COIL DRAIN, TEMPERATURE, °F	156	158	158	160	160	160	162	158	158	158	158	154	154	154	154	164	166	168	168	168	164	164	164	164
2D EFFECT SHELL PRESSURE, *HG	17"	17"	17"	17"	17"	17"	17"	17	17	17	17	17"	17"	17	17	16"	16"	17"	17"	17	17	17	17	17
3D EFFECT COIL DRAIN, TEMPERATURE, °F	146	146	146	148	148	148	148	148	148	148	148	146	146	146	146	152	152	152	152	152	152	152	152	152
3D EFFECT SHELL PRESSURE, *HG																								
CONDENSATE TO COOLER, TEMPERATURE, °F	126	126	126	126	126	126	128	126	126	126	126	124	124	124	124	132	136	138	138	132	132	132	132	132
CONDENSATE FROM COOLER, TEMPERATURE, °F	82	84	82	84	84	84	84	82	82	82	82	82	82	82	82	84	88	90	90	90	88	88	88	88
BRINE OVERBOARD, TEMPERATURE, °F	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	132	132	136	136	132	132	132	132	132
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
AIR EJECTOR DRAINS, TEMPERATURE, °F																								
CIRC. WATER INJECTION, TEMPERATURE, °F	62	62	63	62	62	62	62	62	62	62	62	60	60	60	60	61	61	61	61	61	61	61	61	61
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F				62	62	62	62	62	62	62	62	62	62	62	62	61	61	61	61	61	61	61	61	61
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F																61	61	61	61	61	61	61	61	61
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F																								
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	108	108	108	108	108	108	108	108	108	108	108	106	106	106	106	118	120	124	128	120	120	120	120	120
FEED TO 1ST EFFECT, TEMPERATURE, °F	130	130	130	130	130	130	130	130	130	130	130	128	128	126	126	138	140	148	152	146	146	142	142	142
CIRC. WATER OVERBOARD, TEMPERATURE, °F	80	80	80	82	82	82	82	82	82	82	82	78	78	78	78	98	100	100	100	98	94	94	94	94
CIRC. PUMP SUCTION PRESSURE, #G	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	5	5	5	5	5	5	5
CIRC. PUMP DISCHARGE PRESSURE, #G	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	20	20	20	20	20	20	20	20	20
BRINE PUMP SUCTION PRESSURE, #G	21"	21"	21"	21"	21"	21"	21"	21	21	21	21	21"	21"	21"	21"	21"	21"	21"	21"	21	21	21	21	21
BRINE PUMP DISCHARGE PRESSURE, #G	39	39	39	38	38	38	38	38	39	39	39	38	38	39	39	39	39	40	40	38	38	38	38	38
FEED PUMP SUCTION PRESSURE, #G	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	15	15	18	18	18	18	18	18	
FEED PUMP DISCHARGE PRESSURE, #G	21	19	19	20	20	20	21	21	21	21	21	20	20	20	20	20	20	20	20	20	20	20	20	
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	0	0	0	1"	1"	1"	0	0	0	0	0	1"	1"	2"	2"	0	0	0	0	0	0	0	0	0
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	60	59	59	58	58	58	58	58	58	58	58	59	59	59	59	60	60	60	60	60	60	60	60	60
F. W. PUMP DISCHARGE PRESSURE	37	37	37	10	10	10	10	10	10	10	10	35	35	35	35	10	10	10	10	10	10	10	10	10
FEED DENSITY, 32NDS																								
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Chemical test	0.2	0.2	0.2	20	20	20	20	20	20	20	20	0.2	0.2	0.2	0.2	20	20	20	20	20	20	20	20	20
AIR EJECTOR DRAINS, SALINITY—E. P. M.	0.1	0.1	0.1	0.8	0.8	0.8	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.8	0.8	0.8	0.8	0.1	0.1	0.1	0.1	0.1
1ST EFFECT DRAINS, SALINITY—E. P. M.	0.1	0.1	0.1	0.5	0.4	0.4	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.4	0.4	0.4	0.1	0.1	0.1	0.1	0.1
CONDENSATE FROM COOLER, SALINITY—E. P. M.																								

10-17-66

#-1

10-16-66

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS	
		SHIPS TANKS*	FEED TANKS*
0000			
0100			
0200			
0300	08121100		
0400			4500
0500			
0600			
0700	08125800		4700
0800			
0900			
1000			
1100	08130900		5100
1200	08102000		
1300	08105300		3300
1400			
1500	08107300	2000	
1600			
1700	08110000	2700	
1800			
1900	08112400		2400
2000			
2100			
2200			
2300	08116600		4200
2400			

* Indicate under REMARKS number of tanks being filled.

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
DATE LAST SCALED	7-30-66	7-30-66	7-30-66
HOURS BROUGHT FORWARD	1380		
HOURS THIS DATE			
HOURS TO DATE			
GALLONS BROUGHT FORWARD	15913000		
GALLONS THIS DATE			
GALLONS TO DATE			
CHECKED (Signature)			

APPROVED

(Engineer Officer, U. S. N.)

NAVSHIPS 5676 (REV. 11-50) BACK

REMARKS

0000-0400 2400-dist to #2 P. tested 2-d
0330-#2 P. tested 2 drops

1200-1600
dist to #2-S. tested 2-d 1200
1240-dist to #1-S. tested 2-d
1330-dist to after peak TK-Pull
1420-dist to #2 P. - 11-d

pumped bilges in refer flat.
Flushed & pumped bilges in evap. space

SIGNED

H.M. Guman

SIGNED

H.M. Guman

0400-0800

#1 Evap. Dist. to #2 port - Feed
pumped Bilges in Evap & Refer Flats.

1600-2000

#1 unit Dist to Bilge at 1615 -
@ 1630 #1 Evap Dist to #2 stbd. Feed
@ 1800 Filled #2 Hoge Evap Tank.
pumped Bilges in Evap & Refer Flats
@ 1830 started dumping #2 port to Bilge.
@ 1920 #2 port End. Shifted Dist to #2 port
Rinsed it out for 20 minutes -
Dist to #2 port - Feed.

#1 port - 24' - Test 2 drops
#1 stbd - 21' - Test 2 drops
#2 port - 13' - Test 2 drops
#2 stbd - 18' - Test 2 drops

SIGNED

R. Sheppard

SIGNED

R. Sheppard

0800-1200

#-1 EVAP Dist. to #
2 Port FEED....
#-2 Port TEST - 2 DROPS
@ 11:00....

2000-2400

#-1 EVAP. Dist. to
#-2 Port FEED....
#-2 Port - TESTED @ 23:00
2 DROPS....

PAINTING FLOOR PLATE IN
EVAP....

PAINTING IN EVAP FLAT

SIGNED

E.J. Magallanes

SIGNED

E.J. Magallanes

Stocked in CDS

For disposal of this record see current Records Disposal Instructions for Vessels
of the U. S. Navy.

1356
24
13

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY X

U. S. S.

U. S. S. LTJEN. JOHN POPE

PLANT NO.

TIME: ZONE DESCRIPTION

**AHEAD
OR
SET CLOCKS BACK**

20 min

MINUTES AT 2300-0100-0500 DATE _____

10-15

19 66

	10-16-66												10-15-66											
	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	9	9	9	9	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	
STEAM FROM REG. VALVE, PRESSURE #G	3	3	3	4	4	3	3	3	3	3	3	4	4	3	4	4	4	4	4	4	4	4	4	
STEAM TO 1ST EFFECT, PRESSURE, *HG OR #G	1	1	1	2	2	2	2	2	2	2	2	1	1	2	2	1	2	2	2	2	2	2	2	
STEAM TO 1ST EFFECT, TEMPERATURE, °F	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	
1ST EFFECT SHELL PRESSURE, *HG	11"	11"	11"	8"	8"	10"	10"	8	8	8	8	8"	8"	10"	11"	11"	10"	10"	10"	8	8	8	8	
2D EFFECT COIL DRAIN, TEMPERATURE, °F	152	154	154	166	166	166	166	168	168	168	168	162	162	162	156	156	160	162	164	164	164	164	164	
2D EFFECT SHELL PRESSURE, *HG	17"	17"	17"	15"	15"	16"	16"	17	17	17	17	15"	15"	16"	17"	17"	17"	17"	17"	17	17	17	17	
3D EFFECT COIL DRAIN, TEMPERATURE, °F	142	144	144	156	156	154	154	154	154	154	154	156	156	146	146	146	150	150	152	154	154	154	154	
3D EFFECT SHELL PRESSURE, *HG																								
CONDENSATE TO COOLER, TEMPERATURE, °F	122	122	122	138	138	134	138	138	138	138	138	132	124	132	122	124	130	132	132	136	136	136	136	
CONDENSATE FROM COOLER, TEMPERATURE, °F	80	80	80	90	90	88	90	90	90	90	90	86	82	82	82	82	84	84	86	88	88	88	88	
BRINE OVERBOARD, TEMPERATURE, °F	124	124	124	136	136	134	136	138	138	138	138	132	126	126	124	126	128	130	130	134	134	134	134	
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	
AIR EJECTOR DRAINS, TEMPERATURE, °F																								
CIRC. WATER INJECTION, TEMPERATURE, °F	59	58	58	59	59	61	61	62	62	62	62	59	61	61	61	61	59	59	60	58	58	58	58	
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F				59	59	61	61	62	62	62	62						59	59	60	58	58	58	58	
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F																								
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F																								
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	112	104	104	120	122	124	124	124	124	124	124	118	118	108	106	108	114	118	118	120	120	120	120	
FEED TO 1ST EFFECT, TEMPERATURE, °F	124	124	124	140	144	146	146	146	146	146	146	142	142	130	128	126	130	134	138	140	140	140	140	
CIRC. WATER OVERBOARD, TEMPERATURE, °F	80	80	80	98	100	100	100	98	98	98	98	84	84	80	80	80	90	94	94	98	96	98	98	
CIRC. PUMP SUCTION PRESSURE, #G	2	2	2	5	5	5	5	5	5	5	5	10"	10"	2	2	2	5	5	5	5	5	5	5	
CIRC. PUMP DISCHARGE PRESSURE, #G	18	17	17	20	20	20	20	20	20	20	20	10	10	17	17	17	20	20	21	21	21	21	21	
BRINE PUMP SUCTION PRESSURE, #G	21"	21"	21"	21"	21"	21"	21"	21	21	21	21	20"	20"	21"	21"	21"	21"	21"	21"	21	21	21	21	
BRINE PUMP DISCHARGE PRESSURE, #G	37	36	36	36	36	37	36	36	36	36	36	38	38	37	37	37	37	37	37	37	37	37	37	
FEED PUMP SUCTION PRESSURE, #G	11	11	11	18	18	18	18	18	18	18	18	7	7	10	10	10	15	15	18	18	18	18	18	
FEED PUMP DISCHARGE PRESSURE, #G	21	20	20	20	20	20	20	20	20	20	20	18	18	22	22	22	22	22	22	22	22	22	22	
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	2"	2"	2"	0	0	0	0	0	0	0	0	0	0	0	0	1"	0	0	1	0	0	0	0	
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	59	58	58	58	58	60	60	60	60	60	60	59	59	60	60	59	60	60	62	60	60	60	60	
F. W. PUMP DISCHARGE PRESSURE	35	35	35	10	10	10	10	10	10	10	10	35	35	35	35	35	10	10	10	10	10	10	10	
FEED DENSITY, 32NDS																								
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Chemical test.	0.2	0.2	0.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.4	0.4	0.4	0.4	0.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
AIR EJECTOR DRAINS, SALINITY—E. P. M.	0.1	0.1	0.1	0.8	0.8	0.8	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.8	0.8	0.8	0.1	0.1	0.1	0.1	
1ST EFFECT DRAINS, SALINITY—E. P. M.	0.1	0.1	0.1	0.4	0.4	0.4	0.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.4	0.4	0.1	0.1	0.1	0.1	
CONDENSATE FROM COOLER, SALINITY—E. P. M.																								

10-16-66

#1

10-15-66

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS	
		SHIPS TANKS*	FEED TANKS*
0000			
0100			
0200			
X 0300	08093000		4700
0400			
0500			
0600			
X 0700	08097500		4500
0800			
0900			
1000			
Sun X 1100	08002000		4500
X 1200	08074800		
1300			
1400			
Y 1500	08079000	4200	
1600			
1700	08081400	2600	
1800			
Y 1900	08084100		2500
2000			
2100			
2200			
X 2300	08088300		4200
2400			

* Indicate under REMARKS number of tanks being filled.

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
DATE LAST SCALED	7-30-66	7-30-66	7-30-66
HOURS BROUGHT FORWARD	1356		
HOURS THIS DATE			
HOURS TO DATE			
GALLONS BROUGHT FORWARD	15885800		
GALLONS THIS DATE			
GALLONS TO DATE			
CHECKED (Signature)			
APPROVED			
(Engineer Officer, U. S. N.)			

NAVSHIPS 3676 (REV. 11-50) BACK

REMARKS

0000-0400
2400-dist to #2-S. tested 2 drops
0330 #2-S. tested 2 drops

SIGNED

H.M. Luman

0400-0800

#1 Evap. Dist. to #2 stbd-feed
pumped Bilges in Evap & Refr Flats
@0700 Shifted Dist. to #1 stbd-feed.

@0800

#1 port. 241-7 test 2 drops
#1 stbd-221-7 test 2 drops
#2 port-121-5016
#2 stbd-221-7 test 2 drops

SIGNED

R. Shippard

0800-1200

#-1 EVAP. DIST. TO #1
1 stbd @ 10:00 SHIFTED
DIST. TO #-2 stbd....
#1 & 2 TEST- 2 DROPS @
11:00... PAINTING PUMPS
IN EVAP FLAT

SIGNED

G.J. Magallanes

1200-1600

dist. to #3-P.d.S
1315-See evap. blew out sea suction
sea chest.
1330-lit off evap.-dist. #3-P.d.S.
pumped bilges in evap space

SIGNED

H.M. Luman

1600-2000

#1 Evap. Dist. to #3 port & stbd,
@1700 Shifted Dist. to #1 stbd-feed,
@1800 Filled #1 No. 1 Evap Tank.
pumped Bilges in Evap & Refr flats.

SIGNED

R. Shippard

2000-2400

#-1 EVAP DIST. TO #1
stbd... @ 22:00 SHIFTED
DIST. TO #2 stbd....
#-1 & 2 stbd.. TEST 2 DROPS
@ 2300.. PAINTING PUMPS IN
EVAP FLAT..

SIGNED

G.J. Magallanes

Stocked in CDS

For disposal of this record see current Records Disposal Instructions for Vessels of the U. S. Navy.

1332
24

1356

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY X

U.S.S.

LOW PRESSURE DISTILLING PLANT
GEN. JOHN POPE

PLANT NO.

7

AT ANCHOR _____

TIME: ZONE DESCRIPTION

**AHEAD
OR
SET CLOCKS BACK**

MINUTES AT

DATE 10-14 1966

	10-15-66												10-14-66											
	HOUR ENDING																							
	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	8	8	8	8	9	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	
STEAM FROM REG. VALVE, PRESSURE #G	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
STEAM TO 1ST.EFFECT, PRESSURE, *HG OR #G	2	1	1	2	2	2	2	2	2	2	2	1	1	1	1	1	2	2	2	2	2	2	2	
STEAM TO 1ST.EFFECT, TEMPERATURE, °F	226	230	240	240	240	240	240	240	240	240	240	236	240	240	240	240	240	240	240	240	240	240	240	
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	190	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	185	190	190	190	190	
1ST EFFECT SHELL PRESSURE, *HG	9"	9"	8"	8"	8"	8"	8"	8	8	8	8	8	8	8	8	8	8"	8"	8"	8	8	8	8	
2D EFFECT COIL DRAIN, TEMPERATURE, °F	160	158	160	166	168	166	166	166	166	166	166	162	162	166	158	162	166	166	168	170	170	170	170	
2D EFFECT SHELL PRESSURE, *HG	16"	16	16"	15"	15"	15"	15"	15	15	15	15	15	15	15	15	15	15"	15"	15"	15	15	15	15	
3D EFFECT COIL DRAIN, TEMPERATURE, °F	152	152	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156	156	164	164	164	164	
3D EFFECT SHELL PRESSURE, *HG																								
CONDENSATE TO COOLER, TEMPERATURE, °F	126	128	130	138	140	140	140	136	136	136	136	132	132	134	130	132	138	138	138	140	140	140	140	
CONDENSATE FROM COOLER, TEMPERATURE, °F	82	82	84	90	90	90	90	88	88	88	88	86	88	88	86	86	90	90	90	90	90	90	90	
BRINE OVERBOARD, TEMPERATURE, °F	128	128	132	136	138	140	138	136	136	136	136	132	132	134	132	132	136	138	138	140	140	140	140	
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	
AIR EJECTOR DRAINS, TEMPERATURE, °F																								
CIRC. WATER INJECTION, TEMPERATURE, °F	57	57	57	58	58	57	57	58	58	58	58	61	61	62	62	61	59	58	58	58	58	58	58	
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F				58	58	57	57	58	58	58	58						59	58	58	58	58	58	58	
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F																								
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F																								
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	116	114	118	128	130	132	130	126	126	126	126	118	116	120	120	116	128	130	130	130	130	130	130	
FEED TO 1ST EFFECT, TEMPERATURE, °F	138	136	142	148	150	152	150	146	146	146	146	140	140	142	142	140	148	150	150	150	150	150	150	
CIRC. WATER OVERBOARD, TEMPERATURE, °F	82	82	84	100	100	102	100	104	104	104	104	88	88	88	88	86	100	100	100	100	100	100	100	
CIRC. PUMP SUCTION PRESSURE, #G	10"	11"	11"	2	2	2	2	2	2	2	2	10"	10"	10"	10"	10"	2	2	2	12	12	12	12	
CIRC. PUMP DISCHARGE PRESSURE, #G	10	10	10	17	17	17	17	16	16	16	16	9	9	9	10	10	17	17	17	17	17	17	17	
BRINE PUMP SUCTION PRESSURE, #G	20"	21"	20"	20"	20"	20"	20"	20	20	20	20	20"	20"	20"	20"	20"	20"	20"	20"	20	20	20	20	
BRINE PUMP DISCHARGE PRESSURE, #G	36	37	38	38	38	39	38	40	40	40	40	39	39	38	37	37	37	37	37	37	37	37	37	
FEED PUMP SUCTION PRESSURE, #G	6	6	6	8	10	11	14	14	14	14	14	8	8	8	7	6	11	11	11	11	11	11	11	
FEED PUMP DISCHARGE PRESSURE, #G	19	19	19	20	20	20	20	19	19	19	19	20	20	20	20	19	26	20	20	20	20	20	20	
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	0	0	0	0	0	0	0	0	0	0	0	1"	1"	1"	1"	0	0	0	0	0	0	0	0	
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	59	58	60	60	60	58	58	60	60	60	60	58	58	57	58	60	60	60	60	60	60	60	60	
F. W. PUMP DISCHARGE PRESSURE	35	35	35	10	10	10	10	10	10	10	10	35	35	35	35	35	10	10	10	10	10	10	10	
FEED DENSITY, 32NDS																								
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Chemical test.	0.2	0.2	0.2	20	20	20	20	20	20	20	20	0.3	0.2	0.2	0.2	0.3	20	20	20	20	20	20	20	
AIR EJECTOR DRAINS, SALINITY—E. P. M.	0.1	0.1	0.1	0.8	0.8	0.8	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.8	0.8	0.8	0.1	0.1	0.1	0.1	
1ST EFFECT DRAINS, SALINITY—E. P. M.	0.1	0.1	0.1	0.5	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.4	0.4	0.1	0.1	0.1	0.1	
CONDENSATE FROM COOLER, SALINITY—E. P. M.																								

10-15-66

#-1

10-14-66

DISTILLED WATER RECORD

REMARKS

HOUR ENDING	METER READING	GALLONS	
		SHIPS TANKS*	FEED TANKS*
0000			
0100			
0200			
0300	08064400		5100
0400	08065300		900
0500			
0600			
0700	08069600	4300	
0800			
0900			
1000			
1100	08074500	5200	
1200	08074300		
1300			
1400			
1500	08049400	5100	
1600			
1700	08052000	2600	
1800			
1900	08054400		2400
2000			
2100			
2200			
2300	08059300		4900
2400			

0000-0400

2400 dist to #2 - P. tested 2-d.
0200 dist to #1 - S. tested 2-d
0340 dist to #3 - P & S

1200-1600

dist to #3 - P & S
flushed & pumped bilges in evap space

SIGNED

H.M. Gurnian

SIGNED

H.M. Gurnian

0400-0800

#1 Evap. dist. to #2 port & stbd
Dumped Bilges in Evap. & Refer Flats

1600-2000

#1 Evap. Dist. to #3 port & stbd.
@1700 Shifted Dist. to #1 stbd - Feed.
@1800 Filled #1 Haccup Tank.
pumped Bilges in Evap. & Refer Flats.
@1900 Shifted Dist. to #2 port - Feed.

#1 port - 24' - Test 2 drops
#1 stbd - 23' - Test 2 drops
#2 port - 23' - Test 2 drops
#2 stbd - 23' - Test 2 drops

SIGNED

R. Sheppard

SIGNED

R. Sheppard

0800-1200

#-1 Evap. Dist. to
#-3 Port & Stbd...
Painting in Evap Flat

2000-2400

#1 Evap. Dist. to
#2 Port Feed...
#-2 Port Test = 20.0
23:00 Painting in Evap
Flat...

SIGNED

E.J. Magallanes

SIGNED

E.J. Magallanes

* Indicate under REMARKS number of tanks being filled.

SCALING RECORD

	EFFECT		
	NO. 1	NO. 2	NO. 3
DATE LAST SCALED	7-30-66	7-30-66	7-30-66
HOURS BROUGHT FORWARD	1332		
HOURS THIS DATE			
HOURS TO DATE			
GALLONS BROUGHT FORWARD	15855300		
GALLONS THIS DATE			
GALLONS TO DATE			
CHECKED (Signature)			

APPROVED

(Engineer Officer, U. S. N.)

NAVSHIPS 3676 (REV. 11-50) BACK

1305
29
1332

Stocked in CDS

For disposal of this record see current Records Disposal Instructions for Vessels of the U. S. Navy.