USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope Trp 110	6-A	Qui Nhon	Oakland Calif	P2-S2-R2	12-23-24-61

		WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		240	240	240	240	240	240
DETENTION TIME							
REVOLUTION COUNTER (END OF WATCH)		1794 4590	1796 8220	1799 1960	1801 5790	1803 9150	1806 2440
TOTAL REVOLUTIONS (FOR WATCH)		23610 ~~22610~~	23630	23740	23830	23360	23290
AVERAGE RPM		98.3	98.4	98.9	99.2	97.3	97.0
F.O. METER (END OF WATCH)		1041 9450	1042 1980	1042 4600	1042 7310	1042 9810	1043 2390
F.O. CONSUMED		2610	2530	2620	2710	2500	2580
MACHINERY PARTICULARS	PRESSURES: THROTTLE	440	440	440	440	435	435
	H.P. AHEAD	440	440	440	440	435	430
	L.P. AHEAD	23	24	23	23	22	22
	VACUUM	28.6"	28.5	28.6	28.6	28.5	28.6"
	L.O. TO TURBINES	12	12	12	12	12	12
	AUX. STEAM	140	140	145	145	145	145
	BACK PRESSURE	9	9	9	9	9	9
	GLAND STEAM	3.0	3.0	2	3.0	2	2.5
	H.P. BLEEDER	70	66	65	70	68	65
	I.P. BLEEDER		6		—	6	
	L.P. BLEEDER	12"	10"	12"	12"	10"	11"
	TEMPERATURES: STEAM AT THROTTLE	680	690	695	690	685	685
	L.P. EXHAUST	105	105	107	105	105	105
	CONDENSATE	96	98	102	96	98	102
	CIRC. WATER IN	72	73	73	72	74	73
	CIRC. WATER OUT	84	86	85	86	86	85
	L.O. TO COOLERS	126	127	126	126	126	126
	L.O. FROM COOLERS	108	108	108	108	108	108
	TEMPERATURE THRUST BEARING	118	118	118	118	118	118
	FORWARD H.P. ROTOR BEARING	130	130	127	130	130	126

		WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING	135	135	135	135	135	135
	FORWARD L. P. ROTOR BEARING	132	132	133	132	135	132
	AFT. L.P. ROTOR BEARING	128	130	130	127	130	127
	HOTTEST GEAR BEARING FORWARD	160	160	162	160	160	160
	HOTTEST GEAR BEARING AFT	145	145	145	145	145	145
	AUX. COND. CONDENSATE	117		115	115		110
	1ST STAGE FEED WATER HEATER	158	160	160	158	158	158
	D. C. FEED WATER HEATER	238	240	235	238	240	240
	~~3RD STAGE FEED WATER HEATER~~ ROTOR H.P.	1050	—	—	—		—
	ROTOR L.P.	100					
BOILER PARTICULARS TEMPERATURES	F.O. TO BURNERS P/S	170/165	175/160	155/155	175/160	180/160	200/180
	F. O. BACK PRESSURE P/S	9/8	11/11	9/5	10/10	14/15	11
	AIR TO FURNACE P/S	4.8/5.0	4.2/5.0	5.4/6.6	4.8/5.8	5.0/6.0	5.4/6.2
	~~UPTAKE~~ SALINITY	.41	.41	.41	.41	.41	.41
	MAIN STEAM	440	440	440	440	435	435
BOILER PARTICULARS PRESSURES	SUPER HEAT	680	690	695	690	685	685
	F.O. TO BURNERS P/S	175/175	175/180	175	175/175	175/185	185
	F.O. TEMP. IN SETTLING TANKS P/S	98/105	95/100	97/100	95/100	95/100	125/130
	PORT BOILER UPTAKE	320	320	325	328	330	322
	STBD. BOILER UPTAKE	315	310	319	320	325	317
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	85	84	81	80	80	78
	FIRE ROOM TEMPERATURE	85	84	81	80	80	78
	NOZZLES IN USE	18	18	18	18	18	18
	NO. OF BURNERS IN USE	6	6	6	6	6	6
	BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
	CO_2 % PORT BOILER					14½%	
	CO_2 % STBD. BOILER					15%	
	OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"	1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	440	680	9	118	108		62	1350	1300	230
1600 TO 2000	1	1200	440	690	9	118	110		6	1350	1350	230
	2				sec							
2000 TO 2400	1	1200	440	685	9	118	110		62	1300	1300	230
2400 TO 0400	1	1200	441	690	9	118	109		62	1300	1301	230
0400 TO 0800	1	1200	435	685	9	120	110		62	1300	1350	230
	2			sec								
0800 TO 1200	1	1200	435	685	9	118	108		62	1350	1300	230

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1043239	BOILER WATER	ON HAND AT START OF DAY	272
	METER PREVIOUS NOON	1041684		EVAPORATED OR RECEIVED	49
	CONSUMED BY METER	1555		ON HAND	274
	ON HAND AT START OF DAY	9546		CONSUMED	47
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	3000
	EXPENDED DURING DAY	716		RECEIVED	-0-
	REMAINING ON BOARD	8830		ON HAND	2980
DOMESTIC WATER	ON HAND AT START OF DAY	1099		CONSUMED	20
	EVAPORATED OR RECEIVED	34	DIESEL OIL		1457
	ON HAND	1051	ON HAND		1455
	CONSUMED	82	CONSUMED		2

LOW PRESS. EVAPORATORS *(No. of hrs. operated)(Fresh water made gals.)*

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4	4	4	4

SUMMARY

RUNNING TIME	1440	PERCENT OF SLIP Pos	13.65
DETENTION TIME	-0-	BBL FUEL/MI	1.37 1.59
TOTAL REVOLUTIONS	139530	WIND DIRECTION	360°
AVERAGE R.P.M.	96.9	STATE OF SEA	10 FT. Swells
TOTAL MILES BY ENGINE	520	STATE OF WEATHER	63°
TOTAL MILES BY OBSERVATION	449		

FROM 3558 TO EO. 3558

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOTT MACH INOPERATION. 1&2 BOILERS. 1&2 F.D. BLOWERS 1&2 F.O.S. PMPS. 1&2 MAIN FEED PUMPS. STBY FLOATING. MAIN AIR COMPRESSOR. MAIN CIRC & COND. PMPS. MAIN AIR EJECTOR. 1 AUX GENERATOR. AUX AIR EJECTOR CIRC & COND. PMPS OVER to MAIN. L.O. PURIFIER. L.O.S. PMP. FIRE & SAN PMP. PORT STEERING GEAR. Tested OVERSPEED TRIP LOW L.O. ALARM ON MN TURBINE & THRUST. Checked STEERING E.R. GEAR. PUMPED BILGES. MADE ROUTINE ROUNDS ON MACH & ENG'S SPACES.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before on 18 Nott. 1555 to 1615 blew tubes on #1 & 2 boilers. 1705 Cruising Cond. set. Changed bottom burner in #1 & 2 boilers. Shifted and Cleaned Main L.O. strainer. Shifted & Cleaned F.O. strainer Disch. to #2 boiler. Checked S.E. Room. Checked all operating machinery.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH

STEAMING ON 18 NOZZLES; PUMPED UP INBD. SETT. FROM #5 P.S. & B.; CHANGED AND CLEANED #1 GEN L.O. STRAINER; SE. CHECKED STEERING GEAR AND TECK WATER SOUNDINGS; MADE ROUNDS AND CHECKED ALL RUNNING MACH.;

WATCH ENGR'S SIGNATURE- F. Edwards

2400-0400 WATCH

UNDERWAY ON 18 NOTT. MACH AS Before. Changed & Cleaned Center F.O. burners & Stbd disch. STRAINER. Daily test of stby L.O. pump FOR 1-hr. Shifted & Cleaned MAIN L.O. disch. STRAINER. PURIFIED L.O. IN #2 AUX GENERATOR FOR 2½ hrs. Checked STEERING E.R. GEAR. PUMPED Bilges. Shifted F.O. SMET to PORT INBD SETT. @ 0245 MADE ROUTINE ROUNDS ON MACH & ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before. Changed bottom burner on #1 & 2 boilers. Shifted and Cleaned Main L.O. strainer. Checked all machinery, inspected & Checked S.E. Room. Center burner register on #1 boiler will not operate, seems something on register has come loose at one end & hanging down. #2 Fuel Pump Continues to have slapping noise, using up & down fuel pump to help #2 boiler. 0641 Cruising Cond. Made fast. Pumped bilges and Cargo holds.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH

STEAMING ON 18 NOZZLES; PUMPED UP SETTLERS FROM #5 P.S.; BLOW TUBES @ 0700-0730; SECURED FIRE PUMP 1010-1035 AFT. ENGINE RM. REPAIRED HYDRANT CONNECTION; SE. CHECKED STEERING GEAR; MADE ROUNDS AND CHECKED ALL RUNNING MACH.; CHANGED AND CLEANED L.O. STRAINER #1 GEN.; PUMPED BILGES;

WATCH ENGR'S SIGNATURE- F. Edwards

CHIEF ENGINEER

BOILER WATER READINGS

STBD	PORT
HOURS 866	HOURS 669
AKL 7.01	AKL 8.76
T-AKL 12.26	T-AKL 14.02
SAL. 4.97	SAL. 4.14
PHOS. 55	PHOS. 50
R.ph 10	R.ph 10

0000-0400 Cont. Added 40 GALS L.O. to daily service tks FROM SETTLING tks through the PURIFIER.

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope Tappin	6-A	Qui Nhon	Oakland Calif	P2-S2-R2	22-24-25-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1808 6080	1810 8730	1812 9960	1815 1670	1817 3340	1817 6700
TOTAL REVOLUTIONS (FOR WATCH)	23640	22650	21230	21710	21670	23360
AVERAGE RPM	98.5	94.3	96.5	98.6	98.5	78.2
F.O. METER (END OF WATCH)	1043 4950	1043 7470	1043 9840	1044 2190	1044 4430	1044 7060
F.O. CONSUMED	2560	2520	~~2440~~ 2370	2350	2240	2630
MACHINERY PARTICULARS – PRESSURES – THROTTLE	440	440	435	440	440	435
H.P. AHEAD	440	350	430	440	440	430
L.P. AHEAD	23	14	23	22.5	23	23
VACUUM	28.8"	28"	28.2"	28.2	28"	28.2"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	9	9	9	9	9	8
GLAND STEAM	2.5	0	2.5	2.5	2	3
H.P. BLEEDER	70	56	64	68	70	68
I.P. BLEEDER		6			6	
L.P. BLEEDER	12"	12"	11"	12"	12"	11"
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE	695	685	695	685	680	690
L.P. EXHAUST	101	100	103	101	100	102
CONDENSATE	92	90	95	94	94	96
CIRC. WATER IN	69	71	70	69	70	70
CIRC. WATER OUT	82	80	83	82	82	82
L.O. TO COOLERS	126	120	126	126	127	128
L.O. FROM COOLERS	108	104	106	108	108	105
TEMPERATURE THRUST BEARING	118	115	117	118	118	115
FORWARD H.P. ROTOR BEARING	125	125	125	125	125	125

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – AFT. H. P. ROTOR BEARING	135	132	135	135	140	135
FORWARD L. P. ROTOR BEARING	132	130	132	133	135	133
AFT. L.P. ROTOR BEARING	126	125	127	125	125	125
HOTTEST GEAR BEARING FORWARD	160	155	160	160	160	160
HOTTEST GEAR BEARING AFT	145	138	145	145	145	145
AUX. COND. CONDENSATE	114		113	113		104
1ST STAGE FEED WATER HEATER	156	154	160	158	156	160
D. C. FEED WATER HEATER	238	240	235	238	240	235
~~3RD STAGE FEED WATER HEATER~~ RATES HP	050	—	—	—		
~~3RD STAGE FEED WATER HEATER~~ RATES LP	100					
BOILER PARTICULARS – PRESSURES – F.O. TO BURNERS P/S	190/185	155/120	19?/172	195/180	170/185	200/185
F. O. BACK PRESSURE P/S	10/10	12/12	9/9	10/10	11/11	10/9
AIR TO FURNACE P/S	5.0/6.0	5.0/5.0	5.2/6.2	4.8/4.0	4.8/4.4	4.8/5.0
SALINITY UPTAKE	.41	.4	.41	.41	.41	.41
MAIN STEAM	440	440	435	440	440	435
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT	695	685	695	685	680	690
F.O. TO BURNERS P/S	175/175	170/185	175	175/175	190/190	190
F.O. TEMP. IN SETTLING TANKS P/S	115/125	105/105	105/94	100/95	95/95	105/105
PORT BOILER UPTAKE	325	320	312	325	335	323
STBD. BOILER UPTAKE	320	320	321	310	320	325
MISCELLANEOUS – ENGINE ROOM TEMPERATURE	78	78	76	76	74	77
FIRE ROOM TEMPERATURE	78	78	76	76	74	77
NOZZLES IN USE	18	18	18	18	18	18
NO. OF BURNERS IN USE	6	6	6	6	6	6
BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER					14½%	
CO_2 % STBD. BOILER					15%	
OIL LEVEL MAIN SUMP	1'4"	1'4"	1'6"	1'6"	1'6"	1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	440	695	9	115	108		62	1200	1200	230
1600 TO 2000	1	1200	440	685	9	115	108		62	1200	1250	230
	2				SEC							
2000 TO 2400	1	1200	435	695	9	120	110		62	1200	1200	230
2400 TO 0400	1	1200	440	685	9	120	110		62	1350	1350	230
0400 TO 0800	1	1200	440	680	9	120	110		62	1350	1350	230
	2			SEC								
0800 TO 1200	1	1200	435	690	9	120	110		62	1350	1300	230

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1044706
	METER PREVIOUS NOON	1043236
	CONSUMED BY METER	1470
	ON HAND AT START OF DAY	8830
	RECEIVED DURING DAY	-0-
	EXPENDED DURING DAY	704
	REMAINING ON BOARD	8126
DOMESTIC WATER	ON HAND AT START OF DAY	1051
	EVAPORATED OR RECEIVED	136
	ON HAND	1113
	CONSUMED	74

BOILER WATER	ON HAND AT START OF DAY	274
	EVAPORATED OR RECEIVED	24
	ON HAND	267
	CONSUMED	31
LUBE OIL	ON HAND AT START OF DAY	2980
	RECEIVED	-0-
	ON HAND	2960
	CONSUMED	20
	DIESEL OIL	1455
	ON HAND	1453
	CONSUMED	2

LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4 3/3	3:10 min	3 2/3	4

SUMMARY

RUNNING TIME	1380	PERCENT OF SLIP POS.	2.87 ~~1.41~~
DETENTION TIME	—	BBL FUEL/MI	1.42 ~~1.65~~ 1.54
TOTAL REVOLUTIONS PYS	132,735	WIND DIRECTION	160°
AVERAGE R.P.M.	96.1	STATE OF SEA	7 Swell
TOTAL MILES BY ENGINE	495	STATE OF WEATHER	61°
TOTAL MILES BY OBSERVATION	486		

FROM 3286 TO 6, - 3130

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ. MACH INOPERATION 1+2 BOILERS 1+2 F.D. BLOWERS. 1+2 F.O.S. PMPS. 1+2 MN FD. PUMPS. Stby FLOATING. MAIN AIR COMPRESSOR. MN AIR EJECTOR. MN CIRC & COND PMPS. L.O. PURIFIER. L.O.S. PMP. #1 AUX GENERATOR. AUX AIR EJECTOR. CIRC. COND PUMPS OVER TO MAIN. FIRE & SAN PMP. PORT STEERING GEAR. Tested OVERSPEED TRIP. LOW L.O. ALARM ON MN. TURBINE & THROTT. Checked STEERING E.R. GEAR. PUMPED BILGES. Added 2 GALS L.O. to #1 MAIN Feed PUMP. MADE ROUTINE ROUNDS on MACH & ENG'S SPACES. ELECT MAKING REPAIRS ON #2 AUX GENERATOR

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before. 1555 to 1615 blew tubes on #1+2 boilers. 1610 Elect. Completed work on #2 Generator. 1647 Cruising Cond. Set. Changed bottom burner in #1+2 boilers. Shifted & Cleaned Disch. F.O. strainer to #2 boiler. Checked all operating mach. Checked S.E. Room. 1st asst Worked on #2 feed Pump. Added 2 gal. oil to #1 feed Pump. Pumped Bilges and Cargo holes.

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH

STEAMING ON 18 NOZZLES; PROPER UP SCOT. FROM #5 R; CHANGED AND CLEANED TOP F.O. BURNERS; #2 M. FD. PUMP BACK ON LINE 2100, GASKETS REPLACED (2), OIL PURIFIED AND SUMP CLEANED; BACK UP TO FULL 18 NOZZLES BRIDGE NOTIFIED, 2105; 2 GALS. L.O. ADDED TO #2 MN. FD. PUMP, 1½ GALS L.O. TO #1; 3R. CHECKED STEERING GEAR AND TOUR WATER SOUNDINGS, MADE ROUNDS AND CHECKED ALL RUNNING MACH; 2035 #2 EVAP. DIST. TO #3 P+S;

WATCH ENGR'S SIGNATURE- F. T. Edwards

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS Before. Changed & Cleaned Center F.O. BURNERS & stbd disch STRAINER. DAILY test of stby L.O. PUMP FOR 1-hr. Shifted and CLEANED MAIN L.O. DISCH STRAINER. SECURED L.O. PURIFIER @0000 CLEANED & BACK IN SERVICE @0030 ADVANCED CLOCKS 20 MINS @0100. Checked STEERING E.R. GEAR. PUMPED BILGES. Shifted F.O. SUCT to PORT INBD SOH @0330 MADE ROUTINE ROUNDS ON MACH. & ENG'S SPACES. Added 3 GALS L.O. to #1 MAIN Feed PUMP.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before. 0405 advanced Clocks (20 min) Changed bottom burners in #1+2 boilers. 0700 Cruising Conditions Modified. Checked all Eng. room and S.E. Equipment; shifted and Cleaned main L.O. strainer. Pumped bilges and Cargo holes.

Merry Xmas and happy New Year to all.

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH

STEAMING ON 18 NOZZLES; BLEW TUBES @ 0800; PROPER UP SCOTTS FROM #6 P+S DB. CHANGED AND CLEANED F.O. SUCT. #1 GEN. L.O. STRAINERS; 2 GALS OF L.O. TO #2 FEED PUMP; STEAM TO HEATING COILS #1 P+S; F.O. IN DRAW INSPECTION TK. OPEN DRAINS FROM EVAP. TK. AND CONT. DRAIN TKS. TO BILGE @0945; CONT. DRAIN TK. BACK TO SYSTEM @1100; 3R. CHECKED STEERING GEAR; MADE ROUNDS AND CHECKED ALL RUNNING MACH;

WATCH ENGR'S SIGNATURE- F. T. Edwards

CHIEF ENGINEER

BOILER WATER READINGS

STBD	PORT
HOURS 890	HOURS 693
AKL 7.01	AKL 8.18
T-AKL 12.85	T-AKL 12.85
SAL. 3.73	SAL. 4.14
PHOS. 50	PHOS. 50
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	6-A	Pearl Harbor	Oakland Calif	P2-S2-R2	12-25-26-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	240	240	240	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1822 0640	1824 4380	1826 8260	1829 2160	1831 6050	1833 9750
TOTAL REVOLUTIONS (FOR WATCH)	23740	23740	23880	23900	23890	23700
AVERAGE RPM	98.9	98.9	99.5	99.5	99.5	98.8
F.O. METER (END OF WATCH)	1044 9630	1045 2120	1045 4720	1045 7290	1045 9730	1046 2320
F.O. CONSUMED	2570	2490	2600	2570	2440	2570
MACHINERY PARTICULARS — PRESSURES — THROTTLE	440	440	445	440	435	440
H.P. AHEAD	440	440	445	440	435	440
L.P. AHEAD	22.5	22	23	22.5	22	24
VACUUM	28.2"	28"	28.2"	28.2"	28"	28.2"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	150	145	150	150	155	150
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	2.5	2.5	2.5	2.5	2.5	3
H.P. BLEEDER	70	72	66	68	68	68
I.P. BLEEDER		6			6	
L.P. BLEEDER	13"	10"	11"	12"	10"	10"
TEMPERATURES — STEAM AT THROTTLE	685	690	680	680	675	690
L.P. EXHAUST	101	100	102	100	100	102
CONDENSATE	93	92	97	93	92	97
CIRC. WATER IN	70	69	69	69	68	65
CIRC. WATER OUT	82	82	82	82	80	80
L.O. TO COOLERS	127	128	128	127	128	127
L.O. FROM COOLERS	108	108	108	108	108	108
TEMPERATURE THRUST BEARING	118	118	118	118	118	118
FORWARD H.P. ROTOR BEARING	125	125	125	125	125	125

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — AFT. H. P. ROTOR BEARING	135	140	138	136	138	135
FORWARD L. P. ROTOR BEARING	132	135	135	132	135	135
AFT. L.P. ROTOR BEARING	125	128	125	125	125	125
HOTTEST GEAR BEARING FORWARD	160	160	162	160	160	160
HOTTEST GEAR BEARING AFT	145	145	147	145	145	145
AUX. CONO. CONDENSATE	113		104	112		106
1ST STAGE FEED WATER HEATER	156	156	160	156	156	160
D. C. FEED WATER HEATER	238	240	235	238	238	235
2ND STAGE FEED WATER HEATER H.P. / L.P.	150/100	—	—	—		
BOILER PARTICULARS — PRESSURES — F.O. TO BURNERS P/S	185/170	180/175	185/200	200/190	180/180	200/185
F. O. BACK PRESSURE P/S	9/8	10/10	8/8	8/8	14/14	10
AIR TO FURNACE P/S	5.0/5.2	5.2/5.2	4.8/5.4	4.6/5.2	3.4/4.8	5.0/5.6
SALINITY UPTAKE	.41	.41	.41	.41	.41	.41
TEMPERATURES — MAIN STEAM	440	440	445	440	435	440
SUPER HEAT	685	690	650	680	675	690
F.O. TO BURNERS P/S	180/180	170/190	185/180	180/180	185/185	190
F.O. TEMP. IN SETTLING TANKS P/S	102/102	100/100	105/105	105/105	100/100	105/105
PORT BOILER UPTAKE	340	330	332	352	325	327
STBD. BOILER UPTAKE	330	315	320	320	325	315
MISCELLANEOUS — ENGINE ROOM TEMPERATURE	79	78	75	78	78	81
FIRE ROOM TEMPERATURE	79	78	75	78	78	81
NOZZLES IN USE	18	18	18	18	18	18
NO. OF BURNERS IN USE	6	6	6	6	6	6
BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER				13¼%	13¼%	
CO_2 % STBD. BOILER				13½%	13½%	
OIL LEVEL MAIN SUMP	1'6"	1'6"	1'6"	1'6"		1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	440	685	9	120	110		62	1300	1300	230
1600 TO 2000	1	1200	440	690	9	120	110		62	1350	1350	230
	2			sec								
2000 TO 2400	1	1200	445	680	9	120	110		62	1250	1250	230
2400 TO 0400	1	1200	440	680	9	120	110		62	1250	1250	230
0400 TO 0800	1	1200	435	675	9	120	110		62	1350	1350	230
	2			sec								
0800 TO 1200	1	1200	440	690	9	120	110		62	1300	1300	230

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1046232	BOILER WATER — ON HAND AT START OF DAY	267
	METER PREVIOUS NOON	1044760	EVAPORATED OR RECEIVED	153
	CONSUMED BY METER	1449 7	ON HAND	352
	ON HAND AT START OF DAY	8126	CONSUMED	68
	RECEIVED DURING DAY	0	LUBE OIL — ON HAND AT START OF DAY	2960
	EXPENDED DURING DAY	693	RECEIVED	-
	REMAINING ON BOARD	7433	ON HAND	2140
DOMESTIC WATER	ON HAND AT START OF DAY	1113	CONSUMED	20
	EVAPORATED OR RECEIVED	52	DIESEL OIL	1453
	ON HAND	1107	ON HAND	
	CONSUMED	58	CONSUMED	

LOW PRESS. EVAPORATORS *(No. of hrs. operated)(Fresh water made gals.)*

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4	4	4	4

SUMMARY

RUNNING TIME	1440	PERCENT OF SLIP	10
DETENTION TIME	-	BBL FUEL/MI	1.47
TOTAL REVOLUTIONS	140740	WIND DIRECTION	215°
AVERAGE R.P.M.	97.7	STATE OF SEA	6' SWELL
TOTAL MILES BY ENGINE	525	STATE OF WEATHER	3°
TOTAL MILES BY OBSERVATION	469		

REMARKS

1200-1600 WATCH

UNderway on 18 Nozz Mach Inoperation 1&2 Boilers 1&2 F.D. Blowers 1&2 F.O.S. Pmps 1&2 Mn Fd. Pumps. Main Air Compressor. Main Air Ejector. Mn. Circ & Cond. Pumps. L.O. Purifier. L.C.S. Pump. 1 Aux Generator. Aux Air Ejector. Circ & Cond. Pmps ~~over~~ to Main. Port Steering Gear. Fire & San Pump. Tested overspeed trip. Low Lo. Alarm on Mn Turbine and Throtl. Checked Steering E.R. Gear. Pumped Bilges. Flushed out Cont Inspection & drain Tk. traces of oil. Made Routine Inspections of Mach & Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before. 1555 to 1615 blew tubes on #1 & 2 boilers. Changed battom burner in #1 & 2 boilers. shifted & Cleaned Disch. F.O. strainer to #2 boiler. Checked all operating mach. inspected S.E. Room. Added 2 gal. oil to #1 feed Pump. Pumped out bilges & Cargo holds.

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH

Steaming on 18 nozzles; Pumped up Settlers from #6 P&S and #1 P&S; Changed and cleaned Top F.O. Burners and #1 Gen. L.O. Strainer; Re-Cut Drain Tank Back to Sys. Basis; Jr. Checked Steering Gear and Tk Water Sounds; Made Rounds and Checked All Running Mach.; Pumped Bilges; Flue Gas Fumes in E.R. Getting Worse; Jr. Secured Valve in Laundry to Prevent heat. Steam on #6 &;

WATCH ENGR'S SIGNATURE- [illegible]

2400-0400 WATCH

UNderway on 18 Nozz Mach as Before. Change & Cleaned Center F.O. burners & Stbd disch. strainer. Shifted and Cleaned Main L.O. disch. strainer. Daily test of Stby L.O. pump for 1-hr. Checked Steering E.R. Gear. Pumped Bilges. Added 3-Gals L.O. to #1 Main Feed pump. Made Routine Rounds on Mach & Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before. 0635 Cruising Condition set. Changed battom burner in #1 & 2 boiler, shifted and Cleaned Main L.O. strainer. Shifted & Cleaned Disch. F.O. strainer to #2 boiler. Made rounds & Checked Machinery. Checked S.E. Room. Carried out standing & night orders.

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH

Steaming on 18 Nozzles; Blew Tubes @ 0520; Pumped up Settlers from #1 P&S DB; Changed and Cleaned F.O. Suct. and #1 Gen L.O. Strainers; #1 Evap Secured @ 0845; Pumped Bilges; Jr. Checked Steering Gear; Made Rounds and Checked all Running Mach.; Added 1 Gal L.O. #1 feed Pump, 2 Gals L.O. To #2 feed Pump.

WATCH ENGR'S SIGNATURE- [illegible]

CHIEF ENGINEER

BOILER WATER READINGS

STBD	PORT
HOURS 914	HOURS 717
AKL 7.09	AKL 8.18
T-AKL 13.53	T-AKL 12.26
SAL. 4.14	SAL. 3.73
PHOS .50	PHOS. 4.0
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAP-110	6-A	QUI NHON	OAKLAND CALIF	P2-S2-R2	12-26-66

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		240	240	220	220	220	240
DETENTION TIME							
REVOLUTION COUNTER (END OF WATCH)		1836 3840	1838 7590	1840 1700	1843 1640	1845 3590	1847 7320
TOTAL REVOLUTIONS (FOR WATCH)		24090	23750	22110	21940	21950	23730
AVERAGE RPM		100.3	98.9	100.5	99.7	99.7	98.9
F.O. METER (END OF WATCH)		1046 4810	1046 7240	1046 9610	1047 1910	1047 4150	1047 6730
F.O. CONSUMED		2490	2430	2370	2300	2240	2580
MACHINERY PARTICULARS – PRESSURES	THROTTLE	440	440	440	440	440	440
	H.P. AHEAD	440	440	440	440	440	440
	L.P. AHEAD	25	26	[illegible]	25	26	
	VACUUM	28.2"	28	28.2"	28.3"	28.2	28.2"
	L.O. TO TURBINES	12	12	12	12	12	12
	AUX. STEAM	145	140	140	140	135	140
	BACK PRESSURE	9	9	9	9	9	9
	GLAND STEAM	2.5	3	3	3	3	3
	H.P. BLEEDER	70	56	64	64	56	66
	I.P. BLEEDER		6			6	
	L.P. BLEEDER	12"	10"	10"	11"	9"	10"
MACHINERY PARTICULARS – TEMPERATURES	STEAM AT THROTTLE	680	695	690	680	680	685
	L.P. EXHAUST	101	100	102	100	101	102
	CONDENSATE	96	96	97	94	96	97
	CIRC. WATER IN	69	68	67	68	68	65
	CIRC. WATER OUT	84	82	82	82	82	82
	L.O. TO COOLERS	128	128	128	128	128	126
	L.O. FROM COOLERS	109	108	108	108	108	108
	TEMPERATURE THRUST BEARING	118	118	118	118	120	117
	FORWARD H.P. ROTOR BEARING	125	125	127	125	125	125

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING	137	140	138	135	140	135
	FORWARD L. P. ROTOR BEARING	134	135	133	133	135	135
	AFT. L.P. ROTOR BEARING	125	128	128	125	125	125
	HOTTEST GEAR BEARING FORWARD	160	160	162	160	160	160
	HOTTEST GEAR BEARING AFT	145	145	146	145	145	145
	AUX. COND. CONDENSATE	106		104	101		103
	1ST STAGE FEED WATER HEATER	153	158	160	158	160	160
	O. C. FEED WATER HEATER	237	238	238	238	240	235
	3RD STAGE FEED WATER HEATER HP / LP	.050 / 100	–	—	—		—
BOILER PARTICULARS – TEMPERATURES	F.O. TO BURNERS P/S	180/175	180/190	180	180/170	180/155	180
	F. O. BACK PRESSURE P/S	10/10	10/10	8	8/8	10/10	8
	AIR TO FURNACE P/S	4.6/5.0	5.0/5.0	5.0/6.0	4.8/4.8	4.4/5.0	5.0/5.8
	SALINITY UPTAKE	.41	.41	.41	.41	.41	.41
	MAIN STEAM	440	440	440	440	440	440
BOILER PARTICULARS – PRESSURES	SUPER HEAT	680	695	690	680	680	685
	F.O. TO BURNERS P/S	180/180	180/195	190	180/185	180/185	187/195
	F.O. TEMP. IN SETTLING TANKS P/S	105/109	100/105	100/100	100/100	100/100	97/94
	PORT BOILER UPTAKE	325	325	325	328	340	337
	STBD. BOILER UPTAKE	315	315	320	315	320	327
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	81	80	79	79	80	81
	FIRE ROOM TEMPERATURE	81	80	79	79	80	81
	NOZZLES IN USE	18	18	18	18	18	18
	NO. OF BURNERS IN USE	6	6	6	6	6	6
	BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
	CO_2 % PORT BOILER					13¼	
	CO_2 % STBD. BOILER					13½	
	OIL LEVEL MAIN SUMP	1'6"	1'6"	1'6"	1'6"	1'6"	1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	440	680	9	118	109		62	1200	1200	230
1600 TO 2000	1	1200	440	695	9	120	110		62	1300	1300	230
	2				SEC							
2000 TO 2400	1	1200	440	690	9	120	110		62	1200	1250	232
2400 TO 0400	1	1200	440	680	9	120	110		62	1150	1150	230
0400 TO 0800	1	1200	440	680	9	120	110		62	1350	1400	230
	2				SEC							
0800 TO 1200	1	1200	440	685	9	120	112		62	1200	1200	230

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1047673
	METER PREVIOUS NOON	1046232
	CONSUMED BY METER	1441
	ON HAND AT START OF DAY	7433
	RECEIVED DURING DAY	—
	EXPENDED DURING DAY	717
	REMAINING ON BOARD	6716
DOMESTIC WATER	ON HAND AT START OF DAY	1107
	EVAPORATED OR RECEIVED	81
	ON HAND	1127
	CONSUMED	61

BOILER WATER	ON HAND AT START OF DAY	352
	EVAPORATED OR RECEIVED	43
	ON HAND	346
	CONSUMED	49
LUBE OIL	ON HAND AT START OF DAY	2940
	RECEIVED	—
	ON HAND	2920
	CONSUMED	20
DIESEL OIL		1453
ON HAND		1451
CONSUMED		2

LOW PRESS. EVAPORATORS *(No. of hrs. operated)(Fresh water made gals.)*

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	3 2/3	3 2/3	3 2/3	4

SUMMARY

RUNNING TIME	1380	PERCENT OF SLIP	10
DETENTION TIME	–	BBL FUEL/MI	1.58
TOTAL REVOLUTIONS	135460	WIND DIRECTION	135°
AVERAGE R.P.M.	98.1	STATE OF SEA	3
TOTAL MILES BY ENGINE	505	STATE OF WEATHER	63°
TOTAL MILES BY OBSERVATION	451		

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ MACH INOPERATION 1+2 BOILERS 1+2 FD. BLOWERS. 1+2 F.O.S. PMPS. 1+2 MAIN FD. PMPS. MAIN AIR COMPRESSOR. MAIN AIR EJECTOR MN CIRC & COND PMPS. L.O. PURIFIER. L.O.S. PMP. 1-AUX GENERATOR. AUX AIR EJECTOR. CIRC. & COND PMPS ~~OVER~~ X TO MAIN. PORT STEERING GEAR. FIRE & SAN PUMP. Tested OVERSPEED TRIP & LOW L.O. ALARM ON MN. TURBINE & THROTT. Checked Steering E.R. GEAR. PUMPED Bilges, Cushing Chamber Return Line on #2 MAIN Feed Pump Nipple Leaking At trap Secured SAME. Added 4-GALS L.O. to #1 MN. Feed PUMP. Made Routine Rounds on Mach & ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before. 1555 to 1618 blew tubes on #1 + 2 boilers. 1638 Closed W.T. Doors Changed bottom burners in #1 + 2 boiler. Pumped bilges + Cargo holes added 2 Gal. oil to #1 feed Pump. Checked all Mach. inspected S.E. Room 1830 shifted to outboard F.O. Carried out watch routine.

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH

STEAMING ON 18 NOZZLES; PUMPED UP SETTLERS FROM #2 & 4, CHANGED TOP F.O. BURNERS; TR. CHECKED STEERING GEARS AND TURB WATER SUMPS; MADE ROUNDS AND CHECKED ALL RUNNING MACH; PUMPED BILGES. ADVANCED CLOCKS 20 MIN @ 2240; ADDED 2 GALS. L.O. #1 FEED PUMP.

WATCH ENGR'S SIGNATURE- [illegible]

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS BEFORE. Changed & Cleaned Center F.O. burners & Stbd disch STRAINER. Advanced Clocks 20 MINS @ 0100 DAILY test of stby L.O. PUMP FOR 1-hr. Shifted & Cleaned MAIN L.O. disch STRAINER. Checked STEERING E.R. GEAR. PUMPED Bilges. Held ENGS CASUALTY drill B-10 Fuel oil FIRE. Watch INST & Bridge Notified 0300-0330 Made Routine Rounds on MACH & ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before. 0410 advanced Clocks (20 min.) 0500 & 0530 held Casualty drill B-10 major fire in fire room. watch inst. Bridge notified. Changed bottom burner in #1 + 2 boiler. shifted + Cleaned Disch. F.O. strainer to #2 boiler. Checked S.E. room. Made rounds + Checked all operating machinery. 0701 Cruising Cond. Modified. Pumped bilges and Cargo holes. added 2 gal. oil to #1 feed Pump.

WATCH ENGR'S SIGNATURE- H M Jones.

0800-1200 WATCH

STEAMING ON 18 NOZZLES; PUMPED UP SETTLERS FROM #2 & 4; CHANGED AND CLEANED F.O. SUCT. AND #1 GEN L.O. STRAINERS; HELD CASUALTY DRILL B-10 MAJOR FUEL OIL FIRE, 4 MEN PRESENT, BRIDGE NOTIFIED 1000-1030. BLEW TUBES @ 0905; CHANGED TOP F.O. BURNER; TR. CHECKED STEERING GEAR; MADE ROUNDS AND CHECKED ALL RUNNING MACH;

WATCH ENGR'S SIGNATURE- [illegible]

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS 938	HOURS 741
AKL 7.01	AKL 7.01
T-AKL 12.26	T-AKL 11.68
SAL. 4.14	SAL. 4.16
PHOS. 55	PHOS. 50
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	6-A	Qui Nhon	Oakland Calif	P2-S2-R2	12-26-22-66

		WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		240	240	240	240	240	240
DETENTION TIME							
REVOLUTION COUNTER (END OF WATCH)		1850 1120	1852 5040	1854 8800	1857 2670	1859 6590	1862 0070
TOTAL REVOLUTIONS (FOR WATCH)		23800 ~~2940~~	23920	23760	23870	23920	23480
AVERAGE RPM		99.1	99.6	99.0	99.4	99.6	97.8
F.O. METER (END OF WATCH)		1047 9200	1048 1700	1048 4360	1048 6980	1048 9600	1049 2380
F.O. CONSUMED		2470	2500	2660	2620	2620	2780
MACHINERY PARTICULARS	PRESSURES: THROTTLE	440	445	445	440	440	440
	PRESSURES: H.P. AHEAD	440	440	440	440	440	435
	PRESSURES: L.P. AHEAD	26	26	26	26	25	25
	PRESSURES: VACUUM	28.3	28.2	28.4"	28.4"	28.5"	28.2"
	PRESSURES: L.O. TO TURBINES	12	12	12	12	12	12
	PRESSURES: AUX. STEAM	145	145	145	145	145	140
	PRESSURES: BACK PRESSURE	9	9	9	9	9	5
	PRESSURES: GLAND STEAM	3	3	3	3	3	3
	PRESSURES: H.P. BLEEDER	66	72	65	70	58	64
	PRESSURES: I.P. BLEEDER	-	6			6	
	PRESSURES: L.P. BLEEDER	12	9"	10"	11"	9"	12"
	TEMPERATURES: STEAM AT THROTTLE	670	680	690	675	695	700
	TEMPERATURES: L.P. EXHAUST	100	100	102	100	100	102
	TEMPERATURES: CONDENSATE	94	94	95	94	94	92
	TEMPERATURES: CIRC. WATER IN	68	67	67	67	69	68
	TEMPERATURES: CIRC. WATER OUT	82	82	82	80	82	82
	TEMPERATURES: L.O. TO COOLERS	126	128	126	124	128	126
	TEMPERATURES: L.O. FROM COOLERS	108	108	107	108	108	105
	TEMPERATURES: TEMPERATURE THRUST BEARING	118	118	117	118	120	118
	TEMPERATURES: FORWARD H.P. ROTOR BEARING	125	125	125	125	125	125

		WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D): AFT. H. P. ROTOR BEARING	135	135	137	135	140	137
	TEMPERATURES (CONT'D): FORWARD L. P. ROTOR BEARING	134	135	134	133	135	135
	TEMPERATURES (CONT'D): AFT. L.P. ROTOR BEARING	125	125	127	125	130	125
	TEMPERATURES (CONT'D): HOTTEST GEAR BEARING FORWARD	160	160	162	160	160	160
	TEMPERATURES (CONT'D): HOTTEST GEAR BEARING AFT	145	145	145	145	145	145
	TEMPERATURES (CONT'D): AUX. COND. CONDENSATE	102		103	102		103
	TEMPERATURES (CONT'D): 1ST STAGE FEED WATER HEATER	158	160	160	158	158	156
	TEMPERATURES (CONT'D): D. C. FEED WATER HEATER	238	240	240	238	240	238
	TEMPERATURES (CONT'D): ~~2ND STAGE FEED WATER HEATER~~ H.P. / L.P.	.050 / 100	—	—	—		—
BOILER PARTICULARS	TEMPERATURES: F.O. TO BURNERS P / S	180 /	180 / 160	200	200 / 185	195 / 190	210
	TEMPERATURES: F. O. BACK PRESSURE P / S	10 /	10 / 10	8	8 / 8	11 / 12	9
	TEMPERATURES: AIR TO FURNACE P / S	4.6 / 5.2	4.4 / 5.0	6.4 / 7.6	5.0 / 6.0	5.0 / 6.6	6.0 / 6.4
	PRESSURES: ~~UPTAKE~~ SPLINITY	.41	.41	.41	.41	.41	.41
	PRESSURES: MAIN STEAM	440	445	440	440	440	440
	TEMPERATURES: SUPER HEAT	670	680	690	675	695	700
	PRESSURES: F.O. TO BURNERS P / S	180 / 190	180 / 185	190	185 / 185	195 / 190	185
	PRESSURES: F.O. TEMP. IN SETTLING TANKS P / S	85 / 92	90 / 95	100 / 107	98 / 105	97 / 105	103 / 110
	TEMPERATURES: PORT BOILER UPTAKE	330	325	336	342	340	328
	TEMPERATURES: STBD. BOILER UPTAKE	325	320	342	348	345	325
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	80	80	79	78	78	79
	FIRE ROOM TEMPERATURE	80	80	79	78	78	79
	NOZZLES IN USE	18	18	18	18	18	18
	NO. OF BURNERS IN USE	6	6	6	6	6	6
	BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
	CO_2 % PORT BOILER						
	CO_2 % STBD. BOILER						
	OIL LEVEL MAIN SUMP	1'6"	1'6"		1'6"	1'6"	1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	440	670	9	120	110		62	1200	1200	230
1600 TO 2000	1	1200	440	680	9	120	110		62	1200	1350	230
	2				sec							
2000 TO 2400	1	1200	440	690	9	120	110		62	1200	1250	230
2400 TO 0400	1	1200	440	675	9	118	108		62	1200	1200	230
0400 TO 0800	1	1200	440	695	9	120	110		62	1200	1250	230
	2					sec						
0800 TO 1200	1	1200	440	700	9	120	110		62	1050	1050	230
	2	1200	440	700	7	120	110		60	1050	1050	230

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10492380	BOILER WATER	ON HAND AT START OF DAY	346
	METER PREVIOUS NOON	10476130		EVAPORATED OR RECEIVED	71
	CONSUMED BY METER	15650		ON HAND	344
	ON HAND AT START OF DAY	5716		CONSUMED	73
	RECEIVED DURING DAY	—	LUBE OIL	ON HAND AT START OF DAY	2920
	EXPENDED DURING DAY	792		RECEIVED	—
	REMAINING ON BOARD	5924		ON HAND	2900
DOMESTIC WATER	ON HAND AT START OF DAY	1127		CONSUMED	20
	EVAPORATED OR RECEIVED	51	DIESEL OIL	1451	
	ON HAND	1114	ON HAND	1449	
	CONSUMED	64	CONSUMED	2	

LOW PRESS. EVAPORATORS *(No. of hrs. operated)(Fresh water made gals.)*

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4	4	4	4

SUMMARY

RUNNING TIME	1440	PERCENT OF SLIP	12
DETENTION TIME	—	BBL FUEL/MI	1.72
TOTAL REVOLUTIONS	140460	WIND DIRECTION	090°
AVERAGE R.P.M.	97.5	STATE OF SEA	3'
TOTAL MILES BY ENGINE	524	STATE OF WEATHER	62°
TOTAL MILES BY OBSERVATION	458		

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ MACH INOPERATION 1+2 BOILERS 1+2 F.D. BLOWERS. 1+2 F.O.S. PMPS. 1+2 MN. FEED PMPS. MN. AIR EJECTOR. MN. CIRC & COND. PMP L.O. PURIFIER. L.O.S. PMP. MAIN AIR COMPRESSOR. 1 AUX GENERATOR. AUX AIR EJECTOR. CIRC & COND PMPS OVER to MAIN FIRE & SAN PUMP. PORT STEERING GEAR. Tested overspeed trip Low L.O. ALARM ON MN. TURBINE & Thrst. Fire drill @ 1306 Sec @ 1325. Boat drill @ 1326 Sec. @ 1332. Stby @ 1300 ~~1+2~~ @ 1334. Checked Steering E.R. GEAR. Pumped Bilges. Added 4 GALS L.O. to #1 MN. F.D. PUMP & 2 GALS to #2 Made Routine Rounds on Mach & ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH

Steaming as before 1555 to 1615 blew tubes on #1 + 2 boilers. 1700 Cruising Cond. Set. Checked all operating mach. Changed bottom burner in #1 + 2 boilers. Checked S.E. Room. Pumped bilges & cargo holds.

WATCH ENGR'S SIGNATURE- H.M. Jones

2000-2400 WATCH

STEAMING ON 18 NOZZLES; PUMPED UP SETTLERS FROM #7 P+S D.B., CHANGED TOP F.O. BURNERS; CHANGED AND CLEANED #1 GEN. L.O. STRAINER; JR. CHECKED STEERING GEAR AND TOOK WATER SOUNDINGS, MADE ROUNDS AND CHECKED ALL RUNNING MACH;

WATCH ENGR'S SIGNATURE- J. Edwards

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS Before. Changed & Cleaned CENTER F.O. BURNER & Stbd disch STRAINER. Daily test of stby L.O. PUMP FOR 1-hr. Shifted & Cleaned MAIN L.O. disch STRAINER. Pumped Bilges. Checked Steering E.R. GEAR. Shifted F.O. suct to Port INBD Sett. @ 0335 Made Routine Rounds on mach & ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH

Steaming as before. Changed bottom burner in #1 + 2 boilers. Shifted and Cleaned main L.O. Strainer. Shifted + Cleaned Disch. F.O. Strainer to #2 boiler. 0632 Cruising Cond. ~~Set~~. Modified. Pumped bilges + Cargo holds. Checked all spaces + operating mach. Added 2 Gal. oil to #1 Fwd Pump. Jr Eng Cleaned drain line to Contaminated oil Drum. renewed Diesel air for Cleaning main L.O. Strainer.

WATCH ENGR'S SIGNATURE- H.M. Jones

0800-1200 WATCH

STEAMING ON 18 NOZZLES; PUMPED UP SETTLERS FROM #7 P+S D.B., BLEW TUBES @ 0800; STARTED UP #2 GEN @ 0920, #2 GEN ON LINE ELECTRICALLY @ 1040; CLEANED F.O. SUCT + #1 GEN. L.O. STRAINERS; JR. CHECKED STEERING GEAR; MADE ROUNDS AND CHECKED ALL RUNNING MACH;

WATCH ENGR'S SIGNATURE- J. Edwards

CHIEF ENGINEER

BOILER WATER READINGS

STBD	PORT
HOURS 962	HOURS 765
AKL 5.84	AKL 8.18
T-AKL 11.68	T-AKL 12.26
SAL. 3.73	SAL. 4.14
PHOS. .38	PHOS. .38
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John POPE TAP 110	6-A	Qui Nhon	OAKLAND Calif	P2-S2-R2	12-27-28-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1864 3770	1866 7470	1668 9280	1871 1310	1873 3340	1875 6870
TOTAL REVOLUTIONS (FOR WATCH)	23700	23700	21810	22030	22030	23550
AVERAGE RPM	98.7	98.7	99.1	100.1	100.1	98.1
F.O. METER (END OF WATCH)	1049 5160	1049 7940	1050 0480	1050 2970	1050 5540	1050 8440
F.O. CONSUMED	2780	2780	2540	2490	2570	2900
MACHINERY PARTICULARS – PRESSURES: THROTTLE	440	440	440	440	440	440
H.P. AHEAD	440	440	440	440	440	440
L.P. AHEAD	25	25	25	25	25	26
VACUUM	28.4"	28.2	28.4"	28.4"	28.5"	28.2"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	145	140	140	145
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	2.5	2.	3	2.0	3	3
H.P. BLEEDER	70		64	66	70	66
I.P. BLEEDER		6			6	
L.P. BLEEDER	11"	9"	11.5"	11.5"	9"	12"
TEMPERATURES: STEAM AT THROTTLE	680	700	690	680	710	710
L.P. EXHAUST	100	100	100	100	100	100
CONDENSATE	94	95	96	94	94	96
CIRC. WATER IN	69	70	68	68	68	68
CIRC. WATER OUT	84	82	81	80	82	80
L.O. TO COOLERS	127	126	126	127	128	126
L.O. FROM COOLERS	108	108	108	108	108	108
TEMPERATURE THRUST BEARING	117	118	118	118	118	118
FORWARD H.P. ROTOR BEARING	125	125	125	125	125	125

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D): AFT. H. P. ROTOR BEARING	135	138	135	135	140	135
FORWARD L. P. ROTOR BEARING	133	135	132	132	132	132
AFT. L.P. ROTOR BEARING	125	130	130	125	130	128
HOTTEST GEAR BEARING FORWARD	160	160	160	160	160	160
HOTTEST GEAR BEARING AFT	145	145	145	145	145	145
AUX. COND. CONDENSATE	100/103		100	100	1	100
1ST STAGE FEED WATER HEATER	156	156	158	156	156	156
D. C. FEED WATER HEATER	238	240	238	238	240	237
~~2ND STAGE FEED WATER HEATER~~ ROPE H.P / L.P	1050/100	—	—	—		—
BOILER PARTICULARS – PRESSURES: F.O. TO BURNERS P/S	205/205	220/200	210/200	200/195	250/220	225/210
F. O. BACK PRESSURE P/S	10/9	10/10	9/7	9/7	11/11	9
AIR TO FURNACE P/S	5.8/6.2	5.2/6.2	5.6/5.2	5.8/6.2	6.0/6.0	5.2/5.8
~~UPTAKE~~ SPLITTER	.41	.41	.41	.41	.41	.41
MAIN STEAM	440	440	440	440	440	440
TEMPERATURES: SUPER HEAT	680	700	690	680	710	710
F.O. TO BURNERS P/S	185/185	180/180	190/185	185/185	180/180	190
F.O. TEMP. IN SETTLING TANKS P/S	101/110	100/105	105/112	102/110	102/108	102/110
PORT BOILER UPTAKE	335	330	330	340	345	332
STBD. BOILER UPTAKE	332	320	316	325	330	327
MISCELLANEOUS: ENGINE ROOM TEMPERATURE	79	78	77	78	78	79
FIRE ROOM TEMPERATURE	79	78	79	78	78	79
NOZZLES IN USE	18	18	18	18	18	18
NO. OF BURNERS IN USE	6	6	6	6	6	6
BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER					14%	
CO_2 % STBD. BOILER					14.4%	
OIL LEVEL MAIN SUMP	1'6"	1'6"	1'6"	1'6"	1'6"	1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	440	680	9	120	110		62	950	950	230
	2	1200	440	680	7	128	118		58	1000	1000	230
1600 TO 2000	1	1200	440	700	9	120	110		62	950	950	230
	2	1200	440	700	7	130	118		58	950	750	230
2000 TO 2400	1	1200	440	690	9	120	110		62	950	900	230
	2	1200	440	690	7	130	116		58	950	950	230
2400 TO 0400												
	1	1200	440	680	9	118	110		62	800	800	230
	2	1200	440	680	7	128	118		58	950	950	230
0400 TO 0800	1	1200	440	710	9	120	110		62	1000	1000	230
	2	1200	440	710	7	128	116		58	950	850	230
0800 TO 1200	1	1200	440		9	120	110		62	1050	1050	230
	2	1200	440		7	130	116		58	1000	900	230

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10508440
	METER PREVIOUS NOON	10492380
	CONSUMED BY METER	16060
	ON HAND AT START OF DAY	5924
	RECEIVED DURING DAY	—
	EXPENDED DURING DAY	700
	REMAINING ON BOARD	5224
DOMESTIC WATER	ON HAND AT START OF DAY	1114
	EVAPORATED OR RECEIVED	62
	ON HAND	1114
	CONSUMED	62

BOILER WATER	ON HAND AT START OF DAY	344
	EVAPORATED OR RECEIVED	45
	ON HAND	347
	CONSUMED	42
LUBE OIL	ON HAND AT START OF DAY	2900
	RECEIVED	—
	ON HAND	2880
	CONSUMED	20
DIESEL OIL		1479
ON HAND		1447
CONSUMED		2

LOW PRESS. EVAPORATORS *(No. of hrs. operated)(Fresh water made gals.)*

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	3 2/3	3 2/3	3 2/3	4

SUMMARY

RUNNING TIME	1380	PERCENT OF SLIP	12.8
DETENTION TIME	—	BBL FUEL/MI	1.58
TOTAL REVOLUTIONS	134420	WIND DIRECTION	090°
AVERAGE R.P.M.	97.4	STATE OF SEA	3'
TOTAL MILES BY ENGINE	506	STATE OF WEATHER	62
TOTAL MILES BY OBSERVATION	441		

REMARKS

1200-1600 WATCH
Underway on 18 Nozz Mach Inoperation 1&2 Boilers 1&2 F.D. Blowers 1&2 F.O.S. pmps. 1&2 MN.FD pmps. Main Air Ejector. MN. Circ & Cond. pmps. MN. Air Compressor. L.O. purifier L.O.S. Pmp. 1&2 Aux Generators. Aux Air Ejector Circ. & Cond. Pmps X over to Main F.W. & SAW Pmp. Port Steering Gear. Tested overspeed trip Low L.O. alarm on MN Turbine & Throttle pumped Bilges. NBC drill @1300 Sec @1334 Stby @1300 ~~H~~ @1334. Checked Steering ER. Gear. Made Routine Inspections of Mach & Engs Spaces.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH
Steaming as before. 1555 to 1615 blew tubes on #1 & 2 boilers. 1625 Cruising Cond. set. #2 feed pump has a knock in it. Put up & down pump on to help feed #2 boiler. Notified 1st Lt about noise in pump. Changed bottom burner in #1 & 2 boilers. Shifted Disch. F.O. strainer to #2 boiler. Checked all machinery. Pumped out bilges & Cargo holds.

WATCH ENGR'S SIGNATURE- H.M. Jones

2000-2400 WATCH
Steaming on 18 nozzles; Pumped up Settlers from #7 P & S.B. & ↑; Changed Top F.O. Burners; Changed and cleaned #1 & #2 Gen. L.O. Strainers; Stby F.D. Pump on line to help #2 MN. F.D. Pump. Jr. Checked Steering Gear and Tank Water Soundings; Made Rounds and Checked All Running Mach; Added 2 Gals L.O. to #1 Feed Pump; Pumped Bilges; Advanced clocks to MN @ 2240;

WATCH ENGR'S SIGNATURE- T. Fernandes

2400-0400 WATCH
Underway on 18 Nozz Mach as before. Changed and Cleaned center F.O. Burners & Stbd disch strainer. Daily test of Stby L.O. pump for 1-hr. Advanced Clocks 20 Mins @0100. Shifted & Cleaned main L.O. disch strainer. Stby Feed pump on line to #2 MN F.D. pump. Pumped Bilges. Checked Steering E.R. Gear. Made Routine Inspections of Mach & Engs Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH
Steaming as before. 0410 advanced clocks (20 min) Changed bottom burner on #1 & 2 boilers. Shifted & Cleaned F.O. Disch. strainer to #2 boiler. Inspected S.E. room & all operating mach. 0700 Cruising Cond. set. Added 2 Gal. oil to #1 feed pump. Pumped bilges.

WATCH ENGR'S SIGNATURE- H.M. Jones

0800-1200 WATCH
Steaming on 18 nozzles; Pumped up Settlers from #7 P; Changed and cleaned F.O. Sct. and #1 & #2 Gen. L.O. Strainers; Blew tubes (0 oses); Jr. Checked Steering Gear; Made Rounds and Checked all Running Mach; Pumped Bilges; Secured Atomizing Steam Bypasses @ 1130;

WATCH ENGR'S SIGNATURE- T. Fernandes

CHIEF ENGINEER

BOILER WATER READINGS

STBD	PORT
HOURS 986	HOURS 789
AKL 8.18	AKL 8.18
T-AKL 1285	T-AKL 1285
SAL. 4.14	SAL. 4.14
PHOS. .50	PHOS. .50
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John POPE TAP-110	6-A	Bui Nhon	OAKLAND Calif	P2-S2-R2	12-28-2266

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1878 0540	1880 4300	1882 6160	1884 8210	1886 0050	1889 2160
TOTAL REVOLUTIONS (FOR WATCH)	23650	23760	21860	22050	21840	22110
AVERAGE RPM	98.5	99.0	99.1	100.2	99.2	92.1
F.O. METER (END OF WATCH)	1051 1240	1051 3970	1051 6380	1051 8790	1052 1180	1052 2220
F.O. CONSUMED	2800	2730	2410	2410	2390	1040
MACHINERY PARTICULARS – PRESSURES: THROTTLE	440	445	440	440	440	440
H.P. AHEAD	440	445	440	440	440	300
L.P. AHEAD	25	26	26	25	26	11
VACUUM	28.4"	28.5	28.4"	28.4"	28.5"	29"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	140
BACK PRESSURE	9	9	8	9	9	9
GLAND STEAM	3.0	3.0	3	3.0	3.5	2
H.P. BLEEDER	68	66	68	68	54	60
I.P. BLEEDER		6			6	
L.P. BLEEDER	12"	9"	12"	12"	9"	18"
MACHINERY PARTICULARS – TEMPERATURES: STEAM AT THROTTLE	700	715	695	680	685	685
L.P. EXHAUST	98	100	100	98	98	92
CONDENSATE	91	94	94	90	90	88
CIRC. WATER IN	66	67	66	64	64	63
CIRC. WATER OUT	80	82	79	78	78	72
L.O. TO COOLERS	126	128	126	128	128	124
L.O. FROM COOLERS	108	108	105	108	108	105
TEMPERATURE THRUST BEARING	118	120	116	118	118	115
FORWARD H.P. ROTOR BEARING	125	125	125	125	125	123

MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D)	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
AFT. H. P. ROTOR BEARING	135	140	136	135	140	135
FORWARD L. P. ROTOR BEARING	132	135	132	133	135	130
AFT. L.P. ROTOR BEARING	125	130	127	125	125	120
HOTTEST GEAR BEARING FORWARD	160	160	160	160	160	150
HOTTEST GEAR BEARING AFT	145	145	145	145	145	135
AUX. COND. CONDENSATE	96/100		95	98		95
1ST STAGE FEED WATER HEATER	156	158	156	156	154	145
D. C. FEED WATER HEATER	238	240	235	238	240	240
~~3RD STAGE FEED WATER HEATER~~ BOILERS H.P. / L.P.	050/100	—	—	—		
BOILER PARTICULARS – PRESSURES: F.O. TO BURNERS P/S	205/205	200/185	210	210/205	210/185	115/135
F. O. BACK PRESSURE P/S	10/10	11/11	5/6	8/7	11/14	9
BOILER PARTICULARS – TEMPERATURES: AIR TO FURNACE P/S	5.8/5.8	5.0/4.4	5.0/5.4	5.6/5.8	4.0/4.6	4.4/5.2
~~SALINITY UPTAKE~~	.41	.41	.41	.41	.41	.41
MAIN STEAM	440	445	440	440	440	440
BOILER PARTICULARS – TEMPERATURES: SUPER HEAT	700	715	695	680	686	685
F.O. TO BURNERS P/S	185/185	175/195	190	185/190	195/180	180/190
F.O. TEMP. IN SETTLING TANKS P/S	101/110	98/105	100/102	100/102	95/100	93/102
PORT BOILER UPTAKE	335	330	325	335	330	320
STBD. BOILER UPTAKE	350	320	322	330	335	315
MISCELLANEOUS: ENGINE ROOM TEMPERATURE	78	78	76	74	77	72
FIRE ROOM TEMPERATURE	78	78	76	74	77	72
NOZZLES IN USE	18	18	15	18	18	15
NO. OF BURNERS IN USE	6	6	6	6	6	6
BURNER TIP SIZE	53/70	63/70	53/70	53/70	63/70	53/70
CO_2 % PORT BOILER					14	
CO_2 % STBD. BOILER					14 1/4	
OIL LEVEL MAIN SUMP	1'6"	1'6"	1'6"	1'6"	1'6"	1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	440	700	9	118	108		62	950	950	230
	2	1200	440	700	7	128	114		58	1000	950	230
1600 TO 2000	1	1200	445	715	9	120	110		62	750	750	230
	2	1200	445	715	7	128	116		60	1250	1250	230
2000 TO 2400	1	1200	440	695	9	120	110		62	1000	1000	230
	2	1200	440	695	7	130	116		60	900	900	230
2400 TO 0400	1	1200	440	680	9	120	110		62	900	900	230
	2	1200	440	680	7	128	114		60	950	950	230
0400 TO 0800	1	1200	440	685	9	120	110		62	1000	1000	230
	2	1200	440	685	7	120	114		60	850	850	230
0800 TO 1200	1	1200	440	685	9	120	110		62	1050	1050	230
	2	1200	440	685	7	128	112		60	250	250	230

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10522220	BOILER WATER	ON HAND AT START OF DAY	347
	METER PREVIOUS NOON	10508440		EVAPORATED OR RECEIVED	50
	CONSUMED BY METER	13780		ON HAND	352
	ON HAND AT START OF DAY	5224		CONSUMED	45
	RECEIVED DURING DAY	—	LUBE OIL	ON HAND AT START OF DAY	2880
	EXPENDED DURING DAY	670		RECEIVED	—
	REMAINING ON BOARD	4554		ON HAND	2860
DOMESTIC WATER	ON HAND AT START OF DAY	1114		CONSUMED	20
	EVAPORATED OR RECEIVED	52	DIESEL OIL	1447	
	ON HAND	1104	ON HAND	1445	
	CONSUMED	62	CONSUMED	2	

LOW PRESS. EVAPORATORS *(No. of hrs. operated)(Fresh water made gals.)*

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	3 2/3	3 2/3	3 2/3	4

SUMMARY

RUNNING TIME	1380	PERCENT OF SLIP P_0 S	12
DETENTION TIME	—	BBL FUEL/MI	1.52
TOTAL REVOLUTIONS	134020	WIND DIRECTION	120°
AVERAGE R.P.M.	97.1	STATE OF SEA	3'
TOTAL MILES BY ENGINE	500	STATE OF WEATHER	56
TOTAL MILES BY OBSERVATION	440		

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ MACH INOPERATION 1+2 Boilers. 1+2 F.D. Blowers. 1+2 F.O.S. pmps. 1+2 MN.F.D. pmps. Stby Floating. MN. Air Ejector. MN. Circ & Cond pmps. L.O. purifier L.O.S. pmp. MAIN Air Compressor. 1+2 Aux Generators. Aux Air Ejector. Circ. & Cond ~~over~~ X over to Main. Fire & San pmp. Port Steering Gear. Tested overspeed trip Low L.O. ALARM on MN Turbine & Thrust. Weekly test of Emergency Equipment & Safety devices. Pumped Bilges. Checked Steering E.R. Gear. Made Routine Rounds on Mach & Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH

Steaming as before. 1555 to 1620 blew tubes on #1+2 boilers. Changed bottom burner in #1+2 boilers. Shifted and Cleaned F.O. disch. strainer to Port Boiler, shifted and Cleaned Main L.O. strainer. Checked S.E. room. Pumped bilge & Cargo holds. Checked all operating mach.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH

STEAMING ON 18 NOZZLES; CHANGED + CLEANED PORT + STBD F.O. DISC. STRAINERS; PUMPED UP SETTLERS FROM #2 & AND #5 P+S; CHANGED + CLEANED F.O. SUCT AND #1 + #2 BOIL L.O. STRAINERS; ADJUST ON #2 MN FEED PUMP GETTING HOTTER; TRY CHECKED STEERING GEAR AND TOOK WATER SOUNDINGS; ADVANCED CLOCKS 20 MIN. @ 2240; MADE ROUNDS AND CHECKED ALL RUNNING MACH; PUMPED BILGES;

WATCH ENGR'S SIGNATURE- F. Holbrook

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS Before. Changed & Cleaned Center F.O. burners. 2 Port + Stbd disch STRAINERS. Held Eng's Casualty drill B-11 Fuel oil Fire (Fire In Boiler Casing) Watch. Inst + Bridge Notified 0230-0100 Advanced Clocks 20 mins @0100. Daily test of stby L.O. pump for 1-hr. Shifted + Cleaned MAIN L.O. disch. STRAINER. Pumped Bilges. Checked Steering E.R. Gear. Made Routine Inspections of Mach + Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH

Steaming as before 0405 advanced Clocks (20 min) Changed bottom burner in #1+2 boilers. Shifted + Cleaned disch. F.O. strainer to Port + Stbd. boilers. #2 fuel Pump on manual operation at 10% stroke to cut down on knocking noise. Center water piston on #1 fuel Pump leaking excessively. up + down fuel Pump lined up + helping feed #2 boiler. Checked S.E. room mach. inspected all operating mach. 1st A/E Notified condition of #1+2 fuel Pump. 0730 Cruising Cond. set. Pumped bilges.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH

CASUALTY DRILL B-11, Fuel Oil Fire; Lt Cmdr Prescott, Bridge notified 1100-1120; Blew Tubes @0800; Planned Speed @0830, 1st A/E working on main feed pumps; Pumped up Settlers from #5 P+S DB, Stby @1028, man overboard drill, Secured from Drill @1047; Changed + Cleaned Port + Stbd F.O. Disc. Strainers; Added 2 1/2 Gals L.O. #1 Feed Pump; Pumped Bilges; Changed and cleaned F.O. Suct. and #1 + #2 Boil L.O. Strainers;

WATCH ENGR'S SIGNATURE- F. Holbrook

CHIEF ENGINEER

BOILER WATER READINGS

STBD	PORT
HOURS 1010	HOURS 813
ALK 7.01	ALK 7.59
T-ALK 12.26	T-ALK 12.26
SAL. 4.14	SAL. 4.14
PHOS. 55	PHOS. 58
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAP-110	6-A	Qui Nhon	OAKLAND CALIF	P2-52-R2	12-29-30-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	240	240	240	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1891 5160	1893 8990	1896 3040	1898 7030	1901 1120	1903 4780
TOTAL REVOLUTIONS (FOR WATCH)	23000	23830	24050	23990	24090	23660
AVERAGE RPM	95.8	99.2	100.2	99.9	100.3	98.5
F.O. METER (END OF WATCH)	1052 5560	1052 8170	1053 0920	1053 3470	1053 6170	1053 8830
F.O. CONSUMED	3340	2610	2750	2550	2700	2660
MACHINERY PARTICULARS – PRESSURES: THROTTLE	440	440	440	440	440	440
H.P. AHEAD	440	440	440	440	440	440
L.P. AHEAD	25	21	22	21	25	23
VACUUM	29"	29"	29"	29"	29"	29"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	145	145	135	140
BACK PRESSURE	9	9	8	9	9	8
GLAND STEAM	3	3	3	3	4	3
H.P. BLEEDER	68	56	66	68	54	64
I.P. BLEEDER	—	6			6	
L.P. BLEEDER	16	9"	11.5"	11.5"	9"	13"
MACHINERY PARTICULARS – TEMPERATURES: STEAM AT THROTTLE	680	680	690	680	685	700
L.P. EXHAUST	90	95	100	96	97	97
CONDENSATE	84	86	90	93	88	88
CIRC. WATER IN	63	63	63	62	64	62
CIRC. WATER OUT	76	76	76	74	76	74
L.O. TO COOLERS	126	126	125	128	126	126
L.O. FROM COOLERS	108	108	108	108	108	105
TEMPERATURE THRUST BEARING	117	117	117	118	115	115
FORWARD H.P. ROTOR BEARING	125	120	120	125	118	115

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D): AFT. H. P. ROTOR BEARING	135	140	140	135	140	138
FORWARD L. P. ROTOR BEARING	130	132	132	133	130	130
AFT. L.P. ROTOR BEARING	120	130	130	125	130	125
HOTTEST GEAR BEARING FORWARD	155	160	160	160	160	160
HOTTEST GEAR BEARING AFT	140	145	145	145	145	146
AUX. COND. CONDENSATE	95/97		95	92/96		95/92
1ST STAGE FEED WATER HEATER	152	154	156	154	156	146
D. C. FEED WATER HEATER	238	238	238	238	240	238
~~3RD STAGE FEED WATER HEATER~~ H.P. / L.P.	.050/.100	—	—	—		
BOILER PARTICULARS – TEMPERATURES: F.O. TO BURNERS P/S	160/150	220/185	205/150	190/180	210/190	200/185
F. O. BACK PRESSURE P/S	9/9	11/11	9	9/8	10/10	9
AIR TO FURNACE P/S	5.0/6.0	5.6/5.4	6.0/6.4	5.0/5.8	5.6/6.4	5.6/6.0
~~UPTAKE~~ SALINITY	.41	.41	.41	.41	.41	.41
PRESSURES: MAIN STEAM	440	440	440	440	440	440
SUPER HEAT	680	680	690	680	685	700
F.O. TO BURNERS P/S	185/185	195/190	190	190/190	190/195	190
F.O. TEMP. IN SETTLING TANKS P/S	95/101	90/100	93/100	97/101	93/100	98/105
PORT BOILER UPTAKE	322	340	350	345	360	340
STBD. BOILER UPTAKE	330	325	340	345	350	330
MISCELLANEOUS: ENGINE ROOM TEMPERATURE	72	76	77	72	78	72
FIRE ROOM TEMPERATURE	72	76	77	72	78	72
NOZZLES IN USE	18	18	18	18	18	18
NO. OF BURNERS IN USE	6	6	6	6	6	6
BURNER TIP SIZE	53/20	57/20	53/20	53/20	57/20	53/20
CO_2 % PORT BOILER					14	
CO_2 % STBD. BOILER					14 1/4	
OIL LEVEL MAIN SUMP	1'6"	1'6"	1'6"	1'6"	1'6"	1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	440	680	9	120	110		62	950	900	230
	2	1200	442	680	7	118	110		58	850	850	230
1600 TO 2000	1	1200	440	680	9	120	110		62	1250	1250	230
	2	1200	440	680	7	126	112		60	750	750	230
2000 TO 2400	1	1200	440	690	9	120	110		62	1100	1100	230
	2	1200	440	690	7	125	112		60	900	800	230
2400 TO 0400	1	1200	440	680	9	118	108		62	900	900	230
	2	1200	440	680	7	125	112		60	850	850	230
0400 TO 0800	1	1200	440	685	9	120	110		62	1000	1000	230
	2	1200	440	685	7	126	112		60	850	700	230
0800 TO 1200	1	1200	440	700	9	118	110		62	1000	1000	230
	2	1200	440	700	7	128	110		60	900	800	230

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10538830	BOILER WATER: ON HAND AT START OF DAY	352
	METER PREVIOUS NOON	10522220	EVAPORATED OR RECEIVED	51
	CONSUMED BY METER	16610	ON HAND	352
	ON HAND AT START OF DAY	4554	CONSUMED	51
	RECEIVED DURING DAY	-0-	LUBE OIL: ON HAND AT START OF DAY	2860
	EXPENDED DURING DAY	733	RECEIVED	-0-
	REMAINING ON BOARD	3821	ON HAND	2850
DOMESTIC WATER	ON HAND AT START OF DAY	1104	CONSUMED	10
	EVAPORATED OR RECEIVED	71	DIESEL OIL	1445
	ON HAND	1127	ON HAND	1442
	CONSUMED	48	CONSUMED	3

LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4	4	4	4

SUMMARY

RUNNING TIME	1440	PERCENT OF SLIP	PDS. 12.9%
DETENTION TIME	-0-	BBL FUEL/MI	1.39 1.49
TOTAL REVOLUTIONS P/S	140,666	WIND DIRECTION	360
AVERAGE R.P.M.	97.7	STATE OF SEA	Mod. Swells
TOTAL MILES BY ENGINE	527	STATE OF WEATHER	
TOTAL MILES BY OBSERVATION	459		

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ MACH IN OPERATION 1+2 BOILERS 1+2 FD. BLOWERS. 1+2 F.O.S. PMPS 1+2 MN. FD. PMPS. MN AIR EJECTOR. MN CIRC + COND PMPS. LO. PURIFIER. LOS PMP. 1+2 AUX GENERATORS. AUX AIR EJECTOR CIRC + COND PMPS. OVER to MAIN. MAIN AIR COMPRESSOR. FIRE + SAN PMP. PORT STEERING GEAR. Tested OVERSPEED TRIP + LOW LO. ALARM ON MN TURBINE + Thrust. FULL 18 NOZZ @ 1200 Pumped Bilges Reduced Speed @ 1315 Rec. #1 MN FD PMP @ 1325 1st ENGR MAKING REPAIRS. Checked STEERING ER. BEARD Shifted + Cleaned P/S F.O. disch. STRAINERS. REPAIRS Completed on #1 MN. FD PUMP @ 1510 put on the LINE @ 1513 FULL 18 NOZZ @ 1515. Made Routine Rounds on Mach + ENG'S SPACES.

WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH

Steaming as before. 1555 to 1615 blew tubes on #1 + 2 boilers. 1600 lit off #1 Evap. Shifted + Cleaned F.O. disch. strainers to #1 + 2 boilers. Changed bottom burner on #1 + 2 boilers. Checked S.E Room. 1710 Cruising Cond. set. Checked all mach. Pumped bilges + Congo holes. added 2 gal. oil to #1 feed Pump. Carried out routine watch.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH

STEAMING ON 18 NOZZLES; PUMPED UP SUTTHERS FROM P & S, CHANGED + CLEANED PORT + STBD F.O. DISC. STRAINERS; CHANGED AND CLEANED F.O. SUCT. AND #1 + #2 GEN. L.O. STRAINERS; JR. CHECKED STEERING GEAR AND TCB WATER SOUNDINGS, MADE ROUNDS AND CHECKED ALL RUNNING MACH;

WATCH ENGR'S SIGNATURE- [illegible]

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS Before. Changed + Cleaned CENTER F.O. BURNERS P/S disch STRAINERS. DAILY test of Stby L.O. PUMP For 1-hr. Shifted + Cleaned MAIN L.O. disch STRAINER. Pumped Bilges. Checked Steering ER GEAR Added 10 GALS L.O. to #2 AUX GENERATOR FROM MAIN SUMP. Added 3 GAL L.O. to #1 MN. Feed AMMR Bridge Reported drains backing up 2-181-2 1st ENGR Notified. Shifted F.O. Suct to PORT INBD SCH @ 0330 Made Routine Rounds ON MACH. + ENG'S SPACES.

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH

Steaming as before. Changed bottom burner in #1 + 2 boilers. Shifted and Cleaned disch. F.O. strainer on #1 + 2 boilers. 0659 Cruising Cond. Modified. Shifted + Cleaned Main L.O. strainer. Checked S.E room Port Oil Sump dry. shifted to stbd. Sump + Pumped up replenishing Tank on Port side. brushes on air compressor motor sparking excessively. Pumped bilges. Added 2 gal oil to #1 feed Pump.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH

STEAMING ON 18 NOZZLES; BLEW TUBES 0800; PUMPED UP SUTTHERS FROM P & S; CHANGED AND CLEANED PORT + STBD F.O. DISC. F.O. SUCT, #1 + #2 GEN. L.O. STRAINERS; ADDED 3 GALS L.O. TO #2 FEED PUMP; PUMPED BILGES; JR. CHECKED STEERING GEAR; MADE ROUNDS AND CHECKED ALL RUNNING MACH;

WATCH ENGR'S SIGNATURE- [illegible]

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS 1634	HOURS 837
AKL 8.76	AKL 8.18
T-AKL 14.02	T-AKL 12.26
SAL. 4.14	SAL. 4.14
PHOS. 50	PHOS. 50
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	6-A	Qui Nhon	Oakland Calif	P2-S2-R2	12-30-31-46

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		240	240	220	220	220	218
DETENTION TIME							
REVOLUTION COUNTER (END OF WATCH)		1905 8520	1908 3060	1910 3980	1912 5660	1914 7560	1916 7970
TOTAL REVOLUTIONS (FOR WATCH)		23740	24540	20890	21710	21900	20410
AVERAGE RPM		98.9	102.2	95.0	98.6	99.5	93.6
F.O. METER (END OF WATCH)		1054 1420	1054 4000	1054 6340	1054 8720	1055 1060	1055 3420
F.O. CONSUMED		2590	2580	2340	2380	2340	2360
MACHINERY PARTICULARS	PRESSURES: THROTTLE	440	440	440	440	440	440
	H.P. AHEAD	440	440	440	440	440	440
	L.P. AHEAD	21.5	21	22	21.5	21	22
	VACUUM	29"	29"	29"	29"	29"	29"
	L.O. TO TURBINES	12	12	12	12	12	12
	AUX. STEAM	135	140	145	145	150	135
	BACK PRESSURE	9	9	9	9	9	9
	GLAND STEAM	2	2.	1.5	2.2	2.0	3
	H.P. BLEEDER	68	70	64	66	56	54
	I.P. BLEEDER	—	6			6	
	L.P. BLEEDER	13"	9"	14"	14"	11"	14"
	TEMPERATURES: STEAM AT THROTTLE	685	695	700	690	705	690
	L.P. EXHAUST	93	93	92	90	90	57
	CONDENSATE	84	82	84	88	78	80
	CIRC. WATER IN	62	59	56	56	55	55
	CIRC. WATER OUT	74	72	70	68	68	66
	L.O. TO COOLERS	128	126	127	126	126	126
	L.O. FROM COOLERS	108	108	108	108	108	107
	TEMPERATURE THRUST BEARING	118	115	117	118	118	115
	FORWARD H.P. ROTOR BEARING	125	118	115	118	118	115

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING	135	138	135	140	140	138
	FORWARD L. P. ROTOR BEARING	133	130	131	132	130	130
	AFT. L.P. ROTOR BEARING	123	125	127	125	127	127
	HOTTEST GEAR BEARING FORWARD	160	158	160	158	160	150
	HOTTEST GEAR BEARING AFT	145	145	145	143	145	143
	AUX. COND. CONDENSATE	88/90		93	88/90		88
	1ST STAGE FEED WATER HEATER	152	150	152	150	150	150
	D. C. FEED WATER HEATER	238	238	235	238	240	237
	~~3RD STAGE FEED WATER HEATER~~ TRAP	150/160	—	—	—		—
BOILER PARTICULARS TEMPERATURES	F.O. TO BURNERS P/S	181/170	190/170	185/155	190/185	190/190	175
	F. O. BACK PRESSURE P/S	9/8	10/10	10	10/10	10/10	7
	AIR TO FURNACE P/S	5.2/5.5	5.0/4.8	5.8/6.2	5.8/6.0	6.0/6.0	5.5/6.5
	SALINITY UPTAKE	.41	.41	.41	.41	.41	.41
PRESSURES	MAIN STEAM	440	440	440	440	440	440
	SUPER HEAT	685	695	700	690	705	690
	F.O. TO BURNERS P/S	185/185	185/185	185/190	185/185	185/185	155
	F.O. TEMP. IN SETTLING TANKS P/S	93/105	92/100	90/100	95/98	90/95	88/100
	PORT BOILER UPTAKE	345	335	342	345	340	335
	STBD. BOILER UPTAKE	328	320	340	330	335	325
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	72	74	74	74	74	72
	FIRE ROOM TEMPERATURE	72	74	74	74	74	72
	NOZZLES IN USE	18	18	18	18	18	18
	NO. OF BURNERS IN USE	6	6	6	6	6	6
	BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
	CO_2 % PORT BOILER					14%	
	CO_2 % STBD. BOILER					14%	
	OIL LEVEL MAIN SUMP	1'6"	1'6"	1'6"	1'6"	1'6"	1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	440	685	9	120	110		62	900	900	230
	2	1200	440	685	7	125	112		58	850	850	230
1600 TO 2000	1	1200	440	695	9	120	110		62	650	950	230
	2	1200	440	695	7	126	112		60	1000	650	230
2000 TO 2400	1	1200	440	700	9	122	112		62	950	950	230
	2	1200	440	700	7	126	109		60	550	800	230
2400 TO 0400	1	1200	440	690	9	120	110		62	900	900	230
	2	1200	440	690	7	124	108		60	850	850	230
0400 TO 0800	1	1200	440	705	9	120	112		62	950	950	230
	2	1200	440	705	7	124	108		60	100	750	230
0800 TO 1200												

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1055420	BOILER WATER	ON HAND AT START OF DAY	352
	METER PREVIOUS NOON	1053830		EVAPORATED OR RECEIVED	39
	CONSUMED BY METER	1590		ON HAND	353
	ON HAND AT START OF DAY	3821		CONSUMED	38
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	2850
	EXPENDED DURING DAY	641		RECEIVED	-0-
	REMAINING ON BOARD	3180		ON HAND	2840
DOMESTIC WATER	ON HAND AT START OF DAY	1127		CONSUMED	10
	EVAPORATED OR RECEIVED	96	DIESEL OIL		1442
	ON HAND	1114	ON HAND		1440
	CONSUMED	109	CONSUMED		2

LOW PRESS. EVAPORATORS *(No. of hrs. operated)(Fresh water made gals.)*

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	3 2/3	3 2/3	3 2/3	4

SUMMARY

RUNNING TIME	1338	PERCENT OF SLIP	Port 14.1
DETENTION TIME	-0-	BBL FUEL/MI	1.53 1.31
TOTAL REVOLUTIONS P+S	130,935	WIND DIRECTION	
AVERAGE R.P.M.	97.8	STATE OF SEA	
TOTAL MILES BY ENGINE	488	STATE OF WEATHER	
TOTAL MILES BY OBSERVATION	419		

REMARKS

1200-1600 WATCH
UNDERWAY ON 18 NOZZ MACH INOPERATION 1+2 Boilers. 1+2 F.D. Blowers 1+2 F.O.S. PMPS 1+2 MN. F.A. PMPS. MAIN AIR EJECTOR. MN. CIRC + COND PMPS. L.O. purifier. L.O.S. PMP. 1+2 AUX GENERATORS. AUX AIR EJECTOR. CIRC + COND PMPS ~~over~~ X to MAIN. F.R.C + SAN PMP. MAIN AIR COMPRESSOR. PORT Steering GEAR. Tested overspeed trip + Low L.O. ALARM ON MN. TURBINE + THRUST. Checked Steering F.R. GEAR. Pumped Bilges. Shifted + Cleaned #2 F.O. disch STRAINERS. Added 2 GALS L.O. to #1 MN Feed PMP. Made Routine INSPECTIONS of MACH + ENG'S SPACES.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH
Steaming as before. 1550 to 1610 blew tubes on #1+2 boilers. Changed bottom burner in #1+2 boilers. Shifted + Cleaned disch. F.O. strainer to #1+2 boilers. Checked S.E. Room. Checked Eng. room Mach. Pumped bilges. Carried out routine watch procedure.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH
STEAMING ON 18 NOZZLES; 2015 BRIDGE CALLED TO REPORT AT LEAST 1 FT. OF WATER IN STEERING GEAR RM. STEERING GEAR CHECKED BY JR. AND WATER DRAINED OUT SPLIT PLANT @ 2200; PUMPED UP SETTLERS; ADVANCED CLOCKS 20 MIN. @ 2240, MADE ROUNDS AND CHECKED ALL RUNNING MACH; ADDED 3 GALS OF L.O. TO #1 + #2 FEED PUMPS; PUMPED BILGES; CHANGED + CLEANED PORT + STBD + SUCT F.O. STRAINERS, CLEANED #1 + #2 GEN L.O. STRAINERS.

WATCH ENGR'S SIGNATURE- T. Edwards

2400-0400 WATCH
UNDERWAY ON 18 NOZZ MACH AS Before. Changed + Cleaned Center F.O. BURNERS and #2 disch STRAINERS. Daily test of stby L.O. PUMP FOR 1-hr. Advanced Clocks 20 MINS @ 0100 Shifted + Cleaned MAIN L.O. STRAINERS. Checked Steering F.R. GEAR. Pumped Bilges. Shifted F.O. SUCT to port INBD SDH @ 0250. Made Routine Rounds ON MACH + ENGS SPACES. Added 3 GALS L.O. to #1 MN Feed PUMP.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH
Steaming as before. 0405 Advanced Clocks (20 mi). Shifted + Cleaned main L.O. strainer. Changed bottom burner in #1+2 boilers. Shifted + Cleaned F.O. disch. strainer to #1+2 boilers. Checked S.E. room + Eng. room Mach. 0732 Cruising Cond. modified. Pumped bilges. Added 2 gal. oil to #1 feed Pump.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH
STEAMING ON 18 NOZZLES; PUMPED SUCT.; BLEW TUBES @ 0820; #2 GEN OFF LINE ELECT. @ 0910; SECURED #2 GEN @ 0916; REDUCED SPEED TO 85 RPM @ 1022; CHANGED + CLEANED F.O. DISC. SUCT. + #1 + #2 GEN L.O. STRAINERS; STARTED UP #2 GEN @ 1000. ARRIVAL 1118; CTR 1516 ~~976~~; P FOR 6970 900; S-FOR 3602550, MADE ROUNDS. PUMPED BILGES; 6 1/2 GALS L.O. #1 FEED PUMP;

WATCH ENGR'S SIGNATURE- T. Edwards

CHIEF ENGINEER

BOILER WATER READINGS

STB'D		PORT	
HOURS	1238	HOURS	861
AKL	7.01	AKL	7.59
T-AKL	1226	T-AKL	1285
SAL.	4.14	SAL.	4.14
PHOS.	50	PHOS.	60
R.ph	10	R.ph	10

CHIEF ENGR'S SIGNATURE- Scott E. [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAP-110	6-A	QUI NHON	OAKLAND CALIF	P2-S2-R2	12-31-1-67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1917 2680					
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)	1055 4490					
F.O. CONSUMED	4710					
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L.P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – AFT. H. P. ROTOR BEARING						
FORWARD L. P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						
HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
~~3RD STAGE FEED WATER HEATER~~ ROTOR						
BOILER PARTICULARS – TEMPERATURES – F.O. TO BURNERS						
F. O. BACK PRESSURE						
AIR TO FURNACE						
~~UPTAKE~~ SALINITY						
PRESSURES – MAIN STEAM						
SUPER HEAT						
F.O. TO BURNERS						
F.O. TEMP. IN SETTLING TANKS						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
MISCELLANEOUS – ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE						
BURNER TIP SIZE						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600												
1600 TO 2000												
2000 TO 2400												
2400 TO 0400												
0400 TO 0800												
0800 TO 1200												

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	353
	METER PREVIOUS NOON	1055 3420		EVAPORATED OR RECEIVED	
	CONSUMED BY METER			ON HAND	
	ON HAND AT START OF DAY	3180		CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	2840
	EXPENDED DURING DAY			RECEIVED	
	REMAINING ON BOARD			ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1114		CONSUMED	
	EVAPORATED OR RECEIVED		DIESEL OIL ON HAND		1440
	ON HAND		CONSUMED		
	CONSUMED				

LOW PRESS. EVAPORATORS *(No. of hrs. operated)(Fresh water made gals.)*

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4			

SUMMARY

RUNNING TIME		PERCENT OF SLIP	
DETENTION TIME		BBL FUEL/MI	
TOTAL REVOLUTIONS		WIND DIRECTION	
AVERAGE R.P.M.		STATE OF SEA	
TOTAL MILES BY ENGINE		STATE OF WEATHER	
TOTAL MILES BY OBSERVATION			

Dec 23-24, 66 AH

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	106	106	106	106	106	106	106		104	104	104	106	106	106	106	105	105	105	100		106	106	106	106
2. MN COND STE TEMP	102	102	102	105	105	105	105		102	102	102	102	102	102	102	102	102	102	102		102	102	102	102
3. MN INJ TEMP	68	68	68	71	71	72	72		70	70	70	74	70	70	70	72	72	72	72		70	70	70	68
4. MN OVBD TEMP	80	80	80	84	84	86	86		86	86	86	88	82	82	82	84	84	84	84		84	84	82	80
5. L.O. TO COOLERS	126	126	126	125	125	124	124		128	128	128	126	126	126	126	128	128	120	125		126	126	128	126
6. L.O. FROM COOLERS	110	110	110	110	110	110	110		110	110	110	110	110	110	110	110	110	110	110		108	108	110	110
7. THRUST BRG TEMP	115	115	115	115	115	115	115		115	115	115	115	115	115	115	115	115	115	115		115	115	115	115
8. FWD H.P. ROTOR BNG	120	120	120	125	125	125	125		122	122	122	120	120	120	120	125	125	125	125		120	120	120	120
9. AFT H.P. ROTOR BNG	130	130	130	130	130	130	130		130	128	128	130	130	130	130	130	130	130	130		128	130	130	130
10. FWD L.P. ROTOR BNG	130	130	130	130	130	130	130		130	128	128	130	130	130	130	130	130	130	130		125	130	130	130
11. AFT L.P. ROTOR BRG	130	130	130	130	130	130	130		125	125	125	125	125	125	125	125	125	130	130		130	130	130	130
12. HOT GEAR BRG FWD	148	148	148	152	152	152	152		150	150	150	146	146	146	146	150	150	152	152		148	150	150	148
13. HOT GEAR BRG AFT	140	140	140	142	142	142	142		140	140	140	140	140	140	140	142	142	142	142		140	140	140	140
14. AUX COND STE TEMP	102	102	102	100	100	102	102		100	100	100	102	102	102	102	100	100	100	100		102	102	102	102
15. 1ST STAGE AIR TEMP	170	170	170	175	175	175	175		170	170	170	170	170	170	170	175	175	175	175		175	175	175	170
16. D.C. HEATER TEMP	240	240	240	238	238	238	238		240	240	240	240	240	240	240	238	238	238	238		240	240	240	240
17. SUPRHT TEMP PORT	715	715	715	715	715	715	715		715	715	715	715	710	710	710	720	720	720	720		715	710	715	715
18. SUPRHT TEMP STBD	715	715	715	715	715	715	715		715	715	715	715	710	710	710	720	720	720	720		715	710	715	715
19. F.O. SETT TEMP P	105	105	105	104	104	104	104		100	118	118	100	100	100	104	108	108	106	106		106	106	104	100
20. F.O. SETT TEMP S	100	100	100	95	95	100	100		100	118	118	100	100	100	104	104	104	95	95		95	95	100	105
21. UPTAKE PORT	300	300	300	300	300	300	300		295	295	295	295	290	295	295	295	295	295	295		295	300	300	300
22. UPTAKE STBD	295	295	295	295	295	295	295		290	290	290	290	290	295	295	290	290	290	290		290	290	290	295
23. F.O. PUMP SUCT TEMP	98	98	98	102	102	110	110		108	118	118	93	94	94	94	108	108	104	104		104	104	104	100
24. MN FD PMP L.O PORT	33	33	33	32	32	32	32		32	32	32	33	33	33	33	33	33	33	33		33	33	33	33
25. MN FD PMP L.O STBD	28	28	28	28	28	27	27		27	27	27	27	27	27	27	28	28	28	28		28	28	28	28
26. L.O. TO GEARS	114	114	114	114	114	112	112		112	112	112	114	114	114	114	112	112	112	112		112	112	112	112
27. AIR CONTR L.O. PRESS	29	29	29	29	29	29	29		29	29	27	27	28	28	28	29	29	29	29		29	29	29	29

	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	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31. L.O. TO COOLER #1 3	128	128	128	128	128	130	130	130	130	130	128	128	128	128	126	126	126	126	128	128	128	129	128	129
30. L.O. TO COOLER #2 4	135	135	135	135	135	135	135	135	135	135	135	135	135	136	135	135	135	135	135	135	135	135	135	135
33. L.O. FROM COOLER #1 3	108	108	108	108	108	108	108	108	108	108	108	108	108	108	106	106	106	106	106	106	106	106	106	106
32. L.O. FROM COOLER #2 4	118	118	118	120	120	120	120	120	120	120	118	118	118	118	120	120	120	120	120	120	120	120	120	120
35. L.O. GOV PRES #1 3	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
34. L.O. GOV PRES #2 4	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44
37. AMPS POS #1 3	1000	1000	1000	1050	1050	1150	1150	1200	900	1000	1000	1000	1100	1000	1250	1250		1050	1000	1000	1000	1000	1000	1000
36. AMPS POS #2 4	1000	1000	1000	1100	1100	1150	1150	1000	1000	1000	1000	1000	1250	1000	1250	1250		1050	1000	1000	1000	1000	1000	1000
39. AMPS NEG #1 3	1000	1000	1000	1050	1050	1150	1150	1100	1000	1000	1000	1000	1100	1000	1100	1250		1050	1000	1000	1000	1000	1000	1000
38. AMPS NEG #2 4	1000	1000	1000	1100	1100	1150	1150	1000	1000	1000	1000	1000	1250	1000	1250	1250		1050	1000	1000	1000	1000	1000	1000
41. HP HIGH SPEED PIN AFT	140	140	140	142	142	142	142	140	140	140	140	140	140	140	142	142	142	142	140	140	140	140	140	140
42. HP INTER SPEED PIN FWD	146	146	146	146	146	146	146	146	146	146	146	146	146	146	148	148	146	146	144	146	146	146	146	146
43. HP INTER SPEED PIN AFT	135	135	135	135	135	135	135	135	135	135	136	136	136	136	132	132	132	132	136	135	135	135	135	136
44. LP THRUST BEARING	135	135	135	135	135	135	135	132	132	132	135	135	135	135	135	135	135	135	130	135	135	135	135	136
45. HP THRUST BEARING	142	142	142	144	144	144	144	144	144	144	142	142	142	142	144	144	144	144	142	144	144	144	144	142
46. LP HIGH SPEED PIN FWD	130	130	130	130	130	130	130	130	128	128	130	130	130	130	130	130	130	132	130	130	130	130	130	130
47. LP HIGH SPEED PIN AFT	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	130	130	125	125	125	125	125	125
48. LP INTER SPEED PIN FWD	148	148	148	152	152	152	152	150	150	150	148	148	148	148	150	150	152	152	148	150	150	148		
49. LP INTER SPEED PIN AFT	136	136	136	140	140	142	142	140	140	140	135	135	135	135	140	140	142	142	138	140	140	140		
50. MAIN GEAR ROTOR FWD	112	112	112	112	112	112	112				112	112	112	112	112	112	112	112				112		
51. MAIN GEAR ROTOR AFT	110	110	110	110	110	110	110				110	110	110	110	110	110	110	110				110		
52. LP BLEED	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"	10"	11"	11"	11"	11"	11"	10"		
				144	144	144	144								144	146	146	146						

12/27-24/66 FWD

	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		110		110	110	110	110	110	110	110	110	110		112		112	110	110	110	112	112	110	108	110
2.	MN COND STE TEMP		106		108	108	106	106	106	108	106	106	108		110		106	106	108	108	108	108	108	108	108
3.	MN INJ TEMP		81		81	81	81	81	81	81	81	81	81		84		82	82	82	82	82	82			81
4.	MN OVBD TEMP		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		125		126	126	126	126	126	126	126	126	124		126		126	126	126	126	126	126	126	126	125
6.	L.O. FROM COOLERS		108		108	108	108	108	108	108	108	108	108		106		108	108	108	108	108	108	108	108	108
7.	THRUST BRG TEMP		118		118	118	118	118	117	117	117	117	117		118		118	118	118	118	118	118	118	118	118
8.	FWD H.P. ROTOR BNG		130		130	130	130	130	130	130	130	130	130		130		130	130	130	130	130	130	130	130	130
9.	AFT H.P. ROTOR BNG		135		140	140	140	140	135	135	137	137	135		138		140	140	140	140	140	140	140	140	135
10.	FWD L.P. ROTOR BNG		132		132	132	132	132	132	132	132	132	130		135		135	135	135	135	132	132	132	132	132
11.	AFT L.P. ROTOR BRG		130		135	135	135	135	135	135	135	135	130		130		135	135	135	135	135	135	135	135	130
12.	HOT GEAR BRG FWD		150		155	155	155	155	152	152	154	154	150		150		155	155	155	155	155	155	154	154	150
13.	HOT GEAR BRG AFT		145		145	145	145	145	147	147	147	147	145		145		145	145	145	145	145	145	146	146	145
14.	AUX COND STE TEMP		117/117		115/110	115/112	115/110	115/110	115	115	112	112	115/115		116/115		115/112	115/112	115/112	115/112	115	115	115	115	
15.	1ST STAGE AIR TEMP		164		166	166	166	166	164	164	164	164	166		166		164	164	164	164	166	166	166	166	164
16.	D.C. HEATER TEMP		238		240	240	240	242	238	238	238	238	238		238		240	240	240	240	238	238	238	238	238
17.	SUPRHT TEMP PORT		650	650	650	645	650	645	645	645	650	650	645		645		645	650	650	650	650	650	650	650	645
18.	SUPRHT TEMP STBD		670	670	685	685	690	685	680	680	685	685	695		695		695	695	685	690	680	680	680	680	690
19.	F.O. SETT TEMP P		83		83	83	85	85	85	85	90	90	83		85		85	85	85	85	85	85	85	85	82
20.	F.O. SETT TEMP S		85		85	85	85	85	85	85	90	90	85		85		85	85	85	85	87	87	83	83	85
21.	UPTAKE PORT		335		330	330	335	335	332	332	323	323	335		348		340	320	325	325	326	326	326	326	330
22.	UPTAKE STBD		315		315	315	315	315	317	317	315	315	315		320		325	310	315	315	314	314	312	312	315
23.	F.O. PUMP SUCT TEMP		92		90	90	90	90	92	92	95	95	94		94		94	94	94	94	90	90	92	92	92
24.	MN FD PMP L.O PORT		32		32	32	32	32	32	32	32	32	32		32		32	32	32	32	32	32	32	32	32
25.	MN FD PMP L.O STBD		25		25	25	25	25	25	25	25	25	25		25		25	25	25	25	25	25	25	25	25
26.	L.O. TO GEARS		110		110	110	110	110	110	110	110	110	110		110		110	110	110	110	110	110	110	110	110
27.	AIR COMP L.O. PRESS		25		25	25	25	25	25	25	25	25	25		25		25	25	25	25	25	25	25	25	25

	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	9	9	9	9	9	9
28. L.O. PRES #2		7		7	7	7	7	7	7	7	7	7		7		7	7	7	7	7	7	7	7	7
31. L.O. TO COOLER #1		120		120	120	120	120	120	120	120	120	120		120		120	120	120	120	120	120	120	120	120
30. L.O. TO COOLER #2		136		136	136	136	136	136	136	136	136	136		136		136	136	136	136	136	136	136	136	136
33. L.O.FROM COOLER #1		110		110	110	110	110	110	110	110	110	110		110		110	110	110	110	110	110	110	110	110
32. L.O.FROM COOLER #2		122		122	122	122	122	122	122	122	122	122		122		122	122	122	122	122	122	122	122	122
35. L.O. GOV PRES #1		62		62	62	62	62	62	62	62	62	62		62		62	62	62	62	62	62	62	62	62
34. L.O. GOV PRES #2		58		58	58	58	58	58	58	58	58	58		58		58	58	58	58	58	58	58	58	58
37. AMPS POS #1		700		700	1000	600	500	500	500	750	750	700		750		700	750	600	500	650	650	600	600	800
36. AMPS POS #2		700		650	450	570	950	950	950	750	700	700		650		650	650	650	1000	700	700	750	750	650
39. AMPS NEG #1		700		700	1000	600	500	500	500	750	750	700		750		700	750	600	500	650	650	600	600	750
38. AMPS NEG #2		700		650	450	570	950	950	950	750	700	700		600		650	650	650	950	700	700	750	750	600
41. HP HIGH SPEED PIN. AFT		145		145	145	145	141	147	147	147	147	145		145		145	145	145	145	145	145	146	140	145
42. HP INTER SPEED PIN FWD		138		140	140	140	140	140	140	140	140	138		140		138	140	140	140	140	140	140	140	137
43. HP INTER SPEED PIN AFT		138		140	140	140	140	140	140	140	140	138		140		140	140	140	140	140	140	140	140	137
44. L.P. THRUST BEARING		132		132	132	132	130	130	132	132	132	130		134		134	132	132	132	133	133	133	133	133
45. H.P. THRUST BEARING		145		145	145	145	145	145	145	147	147	145		145		145	145	145	145	147	147	147	147	145
46. LP HIGH SPEED PIN. FWD		135		135	135	135	135	135	135	135	135	135		135		135	135	135	135	135	135	135	135	135
47. LP HIGH SPEED PIN. AFT		130		130	130	130	130	130	130	130	130	135		135		130	130	130	130	130	130	130	130	130
48. LP INTER SPEED PIN FWD		150		150	150	150	150	150	150	150	150	150		150		150	150	150	150	150	150	150	150	150
49. LP INTER SPEED PIN. AFT		130		130	130	130	130	130	130	130	130	130		130		130	130	130	130	130	130	130	130	130
50. MAIN GEAR ROTOR FWD		115		115	115	115	115	115	115	114	114	115		115		115	115	115	115	115	115	115	115	115
51. MAIN GEAR ROTOR AFT		110		110	110	110	110	110	110	109	109	110		110		110	105	110	110	110	110	110	110	110
52. LP BLEED		8		8	8	8	8	8	8	8	8	7		7		8	8	8	8	8	8	8	8	8

411

13 | 5354

59

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411

CENTRIFUGAL AIR CONDITIONING COMPRESSOR LOG

DATE 12/12/66

TIME	PRESSURE: STEAM TO THROTTLE	STEAM TO NOZZLE	STEAM TO EXHAUST	STEAM & LUBE OIL	PURGE UNIT	COMPRESSOR LUBE OIL	SUCTION	DISCHARGE	TEMPERATURE: COND WATER IN	COND WATER OUT	CHILLED WATER IN	CHILLED WATER OUT	L.O. TEMP.	FREON IN COMPRESSOR	COND WATER IN	COND WATER OUT	CHILLED WATER IN	CHILLED WATER OUT	BEARING: LINE	BEARING: THRUST	SPEED RPM	REMARKS
																						1200-1600 Beam
1200	430	300	11	11	on	13.5	17	9.5	15	5	26	46	114	103	84	88	51	47	134	84	3550	
1300	420	300	11	11	on	13.5	17	9.5	15	5	26	46	114	103	84	88	51	47	134	85	3550	1600-2000 U. Cunit Kicked out @ 1545
1400	420	290	11	11	on	13.5	17	9	15	5	26	46	114	102	83	88	51	47	134	84	3500	Secured @ 1620 B/O
1500	426	290	11	11	on	13.5	17	9	15	5	26	46	113	102	83	87	50	47	133	83	3500	1 Post Eng Bintel
1600	~~430~~	~~300~~	~~11~~	~~11.5~~					~~15~~	~~5~~						~~84~~			~~128~~	~~60~~		2000-2400
1700																						Unit secured
1800																						
1900																						Murrin
2000																						0000-0400 0045 hrs Lt. off A.C.
2100																						Units
2300																						
2400																						Beam
0100	420	300	10	11.5	on	13.5	17	8	15	5	26	46	109	98	79	84	49	45	128	60	3500	0400-0800
0200	430	260	11.5	11	on	13	17	7	15	5	26	46	110	97	79	84	48	45	126	75	3475	
0300	430	250	11	11	on	13	17	7	15	6	26	46	112	97	79	83	48	45	128	78	3425	
0400	440	250	11.5	11	ON	13	17	6.8	15	6	26	46	111	96	78	82	48	45	128	80	3425	Bintel
0500	440	250	11.5	11	ON	13	17	6.9	15	6	26	46	112	96	78	82	48	45	129	80	3425	0800-1200
0600	430	240	11	11	ON	13	17	6.5	15	6	26	46	112	96	78	82	48	45	129	79	3400	
0700	440	250	12	11	ON	13	17	6.5	15	6	26	46	112	96	78	82	48	45	128	79	3400	
0800	420	230	12	11	on	13	17	6	15	6	26	47	110	94	79	83	46	44	128	78	3375	Murrin
0900	420	230	12	11	on	13	17	6	15	6	26	47	110	94	79	83	47	44	126	78	3325	
1000	430	250	11	11	on	13	17	6	15	6	26	47	109	94	79	83	47	44	127	79	3325	
1100	420	230	11	11	on	13	17	6	15	5	26	47	109	95	79	83	47	44	127	79	3375	

CENTRIFUGAL AIR CONDITIONING COMPRESSOR LOG

DATE 12/13/66

TIME	PRESSURE: STEAM TO THROTTLE	PRESSURE: STEAM TO NOZZLE	PRESSURE: STEAM TO EXHAUST	PRESSURE: STEAM & LUBE OIL	PRESSURE: PURGE UNIT	PRESSURE: COMPRESSOR LUBE OIL	PRESSURE: SUCTION	PRESSURE: DISCHARGE	TEMPERATURE: COND WATER IN	TEMPERATURE: COND WATER OUT	TEMPERATURE: CHILLED WATER IN	TEMPERATURE: CHILLED WATER OUT	TEMPERATURE: L.O. TEMP.	TEMPERATURE: FREON IN COMPRESSOR	TEMPERATURE: COND WATER IN	TEMPERATURE: COND WATER OUT	TEMPERATURE: CHILLED WATER IN	TEMPERATURE: CHILLED WATER OUT	BEARING: LINE	BEARING: THRUST	SPEED RPM	REMARKS
																						1200-1600
																						Beam
1200	410	250	11	11	ON	13	17	6.5	15	5	26	47	109	95	79	83	48	45	127	79	3375	1600-2000
1300	420	250	11	11	ON	13	17	7	15	5	26	46	109	96	79	83	48	45	127	79	3400	
1400	410	250	11	11	ON	13	17	7	15	5	26	46	109	95	79	83	48	45	128	79	3400	
1500	420	240	11	11	ON	13	17	6.5	15	5	26	46	110	95	79	83	48	45	128	80	3400	Smith
1600	430	250	11.5	11	ON	13	17	6.6	15	5	26	46	110	96	78	83	48	45	128	80	3400	2000-2400
1700	440	240	11	11	ON	13	17	6.9	15	5	26	46	110	96	78	83	48	45	128	80	3400	
1800	440	250	11	11	ON	13	17	6.5	15	5	26	46	110	96	78	83	48	45	128	80	3400	
1900	440	250	12	11	ON	13	17	6.5	15	5	26	46	110	96	80	84	48	45	128	80	3400	Thurein
2000	420	250	12	11	ON	13	17	6.5	15	5	26	46	110	96	80	84	48	45	128	80	3400	0000-0400
2100	420	240	12	11	ON	13	17	6.5	15	5	25	46	110	96	80	84	48	45	128	80	3375	
2200	430	220	11	11	ON	13	17	6	15	5	25	47	110	95	80	84	47	44	128	80	3375	
2300	420	240	11	11	ON	13	17	6	15	5	25	47	110	95	80	84	47	44	128	80	3375	
2400	420	240	11	11	ON	13	17	6	15	5	25	47	110	95	80	84	47	44	128	80	3325	Beam
0100	420	230	11	11	ON	13	17	6	15	5	26	47	110	94	78	82	46	44	128	80	3375	0400-0800
0200	420	230	11	11	ON	13	17	6	15	5	26	47	110	94	78	82	46	44	128	80	3375	
0300	420	230	11	11	ON	13	17	6	15	5	26	47	110	94	78	82	46	44	128	80	3375	
0400	430	230	11	11	ON	13	17	6	15	5	26	47	110	94	78	82	46	44	128	80	3325	Smith
0500	430	230	11	11	ON	13	17	6	15	5	26	47	110	94	78	82	46	44	128	80	3350	0800-1200
0600	430	230	11	11	ON	13	17	6	15	5	26	47	110	94	78	82	46	44	128	80	3325	
0700	430	230	11	11	ON	13	17	6	15	5	26	47	110	94	78	82	46	44	128	80	3325	
0800	430	220	11	11	ON	13	17	6	15	5	26	47	109	94	78	82	46	43	128	80	3300	Thurein
0900	430	220	11	11	ON	13	17	6	15	5	26	47	109	94	78	82	46	43	128	80	3300	
1000	430	220	11	11	ON	13	17	6	15	5	26	47	109	94	78	82	46	44	129	80	3325	
1100	430	220	11	11	ON	13	17	6	15	5	26	47	110	94	78	82	47	44	129	80	3325	

CENTRIFUGAL AIR CONDITIONING COMPRESSOR LOG

DATE 12/14/66

TIME	STEAM TO THROTTLE	STEAM TO NOZZLE	STEAM TO EXHAUST	STEAM & LUBE OIL	PURGE UNIT	COMPRESSOR LUBE OIL	PRESSURE SUCTION	PRESSURE DISCHARGE	COND WATER IN	COND WATER OUT	CHILLED WATER IN	CHILLED WATER OUT	L.O. TEMP.	FREON IN COMPRESSOR	COND WATER IN	COND WATER OUT	CHILLED WATER IN	CHILLED WATER OUT	BEARING LINE	BEARING THRUST	TEMPERATURE	SPEED RPM	REMARKS
1200	430	230	11.5	11	ON	13	17	6	15	5	26	46	115	94	79	83	48	45	128	80		3375	1200-1600
1300	420	230	11	11	ON	13	17	6	15	5	26	46	115	94	79	83	48	45	128	80		3375	
1400	410	240	11.5	11	ON	13	17	6	15	5	26	46	114	94	79	83	48	45	128	80		3325	
1500	410	240	12	11	ON	13	17	6	15	5	26	46	114	95	79	83	48	45	128	80		3375	Bintel
1600	440	250	12	11	ON	13	17	6.2	15	5	26	46	110	95	79	83	48	45	128	80		3375	2000-2400
1700	440	240	12	11	ON	13	17	6.1	15	5	26	46	110	95	79	83	48	45	128	80		3350	
1800	440	250	12	11	ON	13	17	6.1	15	5	26	46	110	95	79	83	48	45	128	80		3375	
1900	450	240	12	11	ON	13	17	6	15	5	26	46	109	95	79	83	47	44	128	80		3350	Wasin
2000	440	230	12	11	ON	13	17	6	15	5	26	46	109	94	79	83	47	44	128	80		3325	0000-0400
2100	440	210	11	11	ON	13	17	6	15	5	26	46	109	94	79	83	47	44	128	80		3325	
2300	440	210	11	11	ON	13	17	6	15	5	26	46	108	94	79	83	47	44	128	80		3325	
	440	220	11	11	ON	13	17	6	15	5	26	46	108	94	79	83	47	44	128	80		3325	
2400	440	230	11	11	ON	13	17	6	15	5	26	46	108	94	79	83	48	45	128	80		3325	Bean
0100	440	230	11	11	ON	13	17	6	15	5	26	46	108	94	79	83	47	44	128	80		3325	0400-0800
0200	440	220	12	11	ON	13	17	6	15	5	26	47	109	94	79	83	47	44	128	80		3325	
0300	430	210	11	11	ON	13	17	6	15	5	26	47	109	94	79	83	47	44	128	80		3325	
0400	420	210	11	11	ON	13	17	6	15	5	26	47	109	94	78	83	47	44	128	80		3325	Bintel
0500	430	230	11	11	ON	13	17	6	15	5	26	47	109	94	78	83	48	45	128	80		3375	0800-1200
0600	440	250	11	11	ON	13	17	6.1	15	5	26	47	109	94	78	83	48	45	128	80		3375	
0700	440	230	11	11	ON	13	17	6	15	5	26	47	109	94	78	83	47	44	129	80		3325	
0800	400	230	11	11	ON	13	17	6	15	5	26	47	109	95	78	84	47	44	129	80		3375	Wasin
0900	400	230	11	11	ON	13	17	6	15	5	26	47	109	95	78	84	47	44	129	80		3375	
1000	420	230	11	11	ON	13	17	6	15	5	26	47	109	95	78	83	47	45	129	80		3375	
1100	420	230	11	11	ON	13	17	6	15	5	26	47	109	95	78	82	47	45	129	80		3375	

CENTRIFUGAL AIR CONDITIONING COMPRESSOR LOG

DATE 12/15/66

TIME	PRESSURE: STEAM TO THROTTLE	STEAM TO NOZZLE	STEAM TO EXHAUST	STEAM & LUBE OIL	PURGE UNIT	COMPRESSOR LUBE OIL	SUCTION	DISCHARGE	TEMPERATURE: COND WATER IN	COND WATER OUT	CHILLED WATER IN	CHILLED WATER OUT	L.O. TEMP.	FREON IN COMPRESSOR	COND WATER IN	COND WATER OUT	CHILLED WATER IN	CHILLED WATER OUT	BEARING: LINE	BEARING: THRUST	SPEED RPM	REMARKS
																						1200-1600
																						Beam
1200	420	220	10	11	ON	13	17	6	15	6	26	47	112	95	79	83	48	45	130	81	3375	
1300	420	230	11	11	ON	13	17	6	15	6	26	46	111	95	79	83	48	45	130	81	3375	1600-2000
1400	430	240	12	11	ON	13	17	6.5	15	5	26	46	109	95	79	83	48	45	132	82	3325	
1500	410	240	14	11	ON	13	17	6	15	5	26	47	108	95	79	83	48	45	130	82	3325	Sintel
1600	430	240	12	11	ON	13	17	6.5	15	5	26	47	109	95	79	83	48	45	130	82	3350	2000-2400
1700	430	240	12	11	ON	13	17	6.5	15	5	26	47	109	95	79	83	48	45	130	82	3375	
1800	430	240	13	11	ON	13	17	6.5	15	5	26	47	109	96	79	83	48	45	130	82	3375	
1900	430	240	13	11	ON	13	17	6.5	15	5	26	47	109	96	79	83	48	45	130	82	3375	Morrison
2000	430	230	13	11	ON	13	17	6.5	15	5	25	47	110	96	79	83	47	45	130	82	3375	0000-0400
2100	430	230	11	11	ON	13	17	6	15	5	25	47	110	96	79	83	47	44	130	82	3375	
2200	430	230	12	11	ON	13	17	6	15	5	25	47	110	96	79	83	47	44	130	82	3375	
2300	430	220	12	11	ON	13	17	6	15	5	25	47	110	94	79	83	46	44	130	82	3325	
2400	440	220	11.5	11	ON	13	17	6	15	5	25	47	110	94	79	83	46	44	130	82	3325	Beam
0100	440	210	11	11	ON	13	17	6	15	5	26	47	110	94	79	83	46	44	130	82	3325	0400-0800
0200	430	220	12	11	ON	13	17	6	15	5	26	47	110	94	79	83	47	44	130	82	3325	
0300	420	210	12	11	ON	13	17	6	15	5	25	47	110	94	79	83	47	44	130	82	3325	
0400	420	220	11	11	ON	13	17	6	15	5	26	47	110	94	79	83	47	44	130	82	3350	Sintel
0500	430	220	11	11	ON	13	17	6	15	5	26	47	110	94	79	83	47	44	130	82	3325	0800-1200
0600	440	230	12	11	ON	13	17	5.8	15	5	26	47	110	94	79	83	47	44	130	82	5325	
0700	440	230	12	11	ON	13	17	6	15	5	26	47	109	94	79	83	47	44	130	82	3375	
0800	420	220	12	11	ON	13	17	6	15	5	26	47	110	95	79	83	47	44	130	81	3375	Morrison
0900	420	220	12	11	ON	13	17	6	15	5	26	47	110	95	79	83	47	44	130	81	3375	
1000	430	220	12	11	ON	13	17	6	15	5	26	47	110	96	79	83	47	44	130	81	3375	
1100	430	220	11	11	ON	13	17	6	15	5	26	47	110	96	79	83	47	44	130	81	3375	

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 12/16/66

COLD STORAGE BOX TEMPERTURES

TIME	ICE CREAM 1	DAIRY 2	MEAT 3	FROZ FOOD 4	THAW 5	MEAT 6	THAW 7	MEAT 8	VEG. 9	BUTT. EGGS 10	FRUIT 11
1200	1	36	8	-0	22	-2	34	9	35	37	40
1400	0	36	3	-2	24	-1	34	8	34	37	40
1600	-2	34	2	-3	22	-1	34	8	34	39	40
1800	0	36	3	-2	25	0	34	8	35	39	40
2000	0	35	2	-2	20	0	34	7	36	41	40
2200	-1	36	2	-2	19	0	34	7	36	41	46
2400	0	35	2	-2	21	-1	34	7	36	38	42
0200	0	36	2	-2	20	-1	34	7	36	37	41
0400	-1	36	3	-2	19	-2	34	8	36	39	40
0600	-1	36	2	-2	20	-1	34	18	36	41	40
0800	0	35	2	-2	25	-2	34	7	35	40	47
1000	0	35	2	-2	20	-1	34	6	35	41	46

CHIEF ENGINEER

REMARKS

1200-1600 Bean

1600-2000 Bintel

2000-2400 Wasson

0000-0400 Beans

0400-0800 Bintel

0800-1200 Ajusted x- value on # 10 box.

Wasson

TIME	CIRC WATER INLET TEMP	COMPRESSOR 1 SUCT PRESS	COMPRESSOR 1 DISCH PRESS	COMPRESSOR 1 WATER OUT TEMP	COMPRESSOR 2 SUCT PRESS	COMPRESSOR 2 DISCH PRESS	COMPRESSOR 2 WATER OUT TEMP	COMPRESSOR 3 SUCT PRESS	COMPRESSOR 3 DISCH PRESS	COMPRESSOR 3 WATER OUT TEMP	COMPRESSOR 4 SUCT PRESS	COMPRESSOR 4 DISCH PRESS	COMPRESSOR 4 WATER OUT TEMP	COMPRESSOR 5 SUCT PRESS	COMPRESSOR 5 DISCH PRESS	COMPRESSOR 5 WATER OUT TEMP
1200	81	0	125	103	0	120	92							20	115	99
1400	81	0	120	99	—	—	—							25	120	99
1600	80	0	120	100	0	120	93							20	120	99
1800	81	0	125	100	0	120	93							23	120	99
2200	82	0	125	103	0	120	94							20	120	100
2200	82	0	125	101	0	120	93							15	120	99
2400	81	0	125	101	0	120	93							22	120	99
0200	82	0	125	102	0	120	93							20	120	99
0400	82	0	120	100	—	—	—							20	120	99
0600	82	0	125	102	0	120	94							20	120	100
0800	82	0	125	102	0	120	93							25	120	100
1000	82	0	125	103	0	120	94							15	120	100

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 12/17/66

COLD STORAGE BOX TEMPERTURES

TIME	ICE CREAM 1	DAIRY 2	MEAT 3	FROZ FOOD 4	THAW 5	MEAT 6	THAW 7	MEAT 8	VEG. 9	BUTT. EGGS 10	FRUIT 11
1200	-1	36	2	0	27	-1	34	12	35	40	40
1400	-1	36	2	0	26	-2	36	14	38	39	40
1600	-1	37	2	0	28	-2	34	10	40	38	41
1800	-1	36	2	-2	22	0	35	10	42	39	40
2000	0	36	2	-2	20	1	34	11	46	37	40
2200	0	36	2	-2	19	0	34	11	45	40	39
2400	0	36	2	0	26	-2	34	12	38	40	40
0200	0	37	2	0	23	-2	36	14	38	39	40
0400	0	36	3	-2	18	-1	34	12	34	42	40
0600	-1	36	2	-2	19	-2	35	10	34	39	41
0800	0	37	2	-2	35	5	34	11	33	36	38
1000	-1	36	3	-2	28	0	33	15	33	33	38

REMARKS

1200-1600 Beans

1600-2000 Bintel

2000-2400 Marin

0000-0400 Beans

0400-0800 Bintel

0800-1200 Marin

CHIEF ENGINEER

TIME	CIRC WATER INLET TEMP	COMPRESSOR 1 SUCT PRESS	COMPRESSOR 1 DISCH PRESS	COMPRESSOR 1 WATER OUT TEMP	COMPRESSOR 2 SUCT PRESS	COMPRESSOR 2 DISCH PRESS	COMPRESSOR 2 WATER OUT TEMP	COMPRESSOR 3 SUCT PRESS	COMPRESSOR 3 DISCH PRESS	COMPRESSOR 3 WATER OUT TEMP	COMPRESSOR 4 SUCT PRESS	COMPRESSOR 4 DISCH PRESS	COMPRESSOR 4 WATER OUT TEMP	COMPRESSOR 5 SUCT PRESS	COMPRESSOR 5 DISCH PRESS	COMPRESSOR 5 WATER OUT TEMP
12,00	83	0	125	103	—	—	—							22	120	99
14,00	83	0	130	104	0	120	93							11	115	99
16,00	84	0	120	102	0	120	93							5	115	98
18,00	84	0	120	102	—	—	—							15	120	98
20,00	84	0	125	101	0	120	93							20	120	99
22,00	84	0	125	101	0	120	94							25	120	100
24,00	84	0	125	101	0	120	94							25	120	100
02,00	84	0	130	104	0	120	94							11	115	99
04,00	83	0	125	104	0	120	94							20	125	100
06,00	83	0	125	104	0	120	94							13	120	100
08,00	81	0	125	103	0	120	95							20	120	100
10,00	79	0	120	102	0	120	92							5	120	98

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 12/18/66

COLD STORAGE BOX TEMPERTURES

TIME	ICE CREAM 1	DAIRY 2	MEAT 3	FROZ FOOD 4	THAW 5	MEAT 6	THAW 7	MEAT 8	VEG. 9	BUTT. EGGS 10	FRUIT 11
1200	-2	36	2	0	19	-2	34	9	34	36	41
1400	0	36	2	-2	22	-2	34	10	33	37	41
1600	-1	36	3	-2	22	-2	34	8	33	38	41
1800	-1	35	2	-2	21	-2	34	9	34	38	41
2000	-1	36	2	-4	20	-2	34	8	35	39	39
2200	0	36	2	-4	20	-1	35	8	35	38	39
2400	-1	36	2	-2	20	1	34	9	35	37	39
0200	-2	36	1	0	20	3	34	8	35	38	39
0400	-1	36	3	-1	20	0	34	9	35	38	38
0600	-1	36	3	-1	22	-1	34	10	35	38	38
0800	-1	36	3	-2	19	-1	—	15	35	39	38
1000	-1	36	2	-1	22	-1	40	13	—	38	42

CHIEF ENGINEER

REMARKS

1200-1600 Bean

1600-2000 Gintof

2000-2400 Marvin

0000-0400 0000 hrs Time Advanced one hour. Bean

0400-0800 Gintof

0800-1200 0830 Defrosted no 7 box. Marvin

TIME	CIRC WATER INLET TEMP	COMPRESSOR 1 SUCT PRESS	COMPRESSOR 1 DISCH PRESS	COMPRESSOR 1 WATER OUT TEMP	COMPRESSOR 2 SUCT PRESS	COMPRESSOR 2 DISCH PRESS	COMPRESSOR 2 WATER OUT TEMP	COMPRESSOR 3 SUCT PRESS	COMPRESSOR 3 DISCH PRESS	COMPRESSOR 3 WATER OUT TEMP	COMPRESSOR 4 SUCT PRESS	COMPRESSOR 4 DISCH PRESS	COMPRESSOR 4 WATER OUT TEMP	COMPRESSOR 5 SUCT PRESS	COMPRESSOR 5 DISCH PRESS	COMPRESSOR 5 WATER OUT TEMP
1200	83	0	120	104	0	120	94							14	120	99
1400	84	0	130	104	0	120	94							22	120	99
1600	83	0	125	103	0	120	94							20	120	99
1800	83	0	125	102	0	120	94							20	120	99
2000	83	0	120	100	0	120	93							10	120	99
2200	83	0	120	100	0	120	93							20	120	99
2400	83	0	120	100	0	120	94							21	120	99
0200	83	0	125	102	—	—	—							23	115	98
0400	83	0	125	103	0	120	94							20	120	98
0600	83	0	125	103	0	120	94							22	120	98
0800	83	0	125	104	0	120	94							20	120	100
1000	83	0	125	105	0	120	95							10	120	98

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 12/19/66

COLD STORAGE BOX TEMPERTURES

TIME	ICE CREAM 1	DAIRY 2	MEAT 3	FROZ FOOD 4	THAW 5	MEAT 6	THAW 7	MEAT 8	VEG. 9	BUTT. EGGS 10	FRUIT 11
12[illegible]	0	36	3	0	22	-1	40	9	36	35	40
14[illegible]	1	36	3	-2	—	-2	36	9	38	35	41
16[illegible]	0	35	3	0	—	-2	34	9	37	34	40
18[illegible]	-1	36	3	0	—	-2	34	9	38	34	40
20[illegible]	1	36	3	-1	—	-3	34	9	38	32	37
22[illegible]	0	36	2	-2	—	-2	34	9	38	32	37
24[illegible]	0	36	3	-2	—	-2	34	10	37	34	40
18[illegible]	-1	36	2	-2	—	-2	34	10	37	35	40
14[illegible]	0	36	3	-1	—	-2	34	10	38	36	40
16[illegible]	0	36	3	-1	—	-3	34	11	37	34	38
18[illegible]	0	36	2	-2	31	-3	34	—	37	35	40
1[illegible]	0	36	2	-2	26	-2	34	—	37	35	40

REMARKS

12[illegible]-16[illegible] 1335 hrs Defrosting #5 Box.

Beans

16[illegible]-2[illegible] Box #5 on @ 1830

Gintel

2[illegible]-24[illegible] 1930 defrosting no. 5 box.

Murrin

[illegible]-4[illegible]

Beans

4[illegible]-8[illegible]

Gintel

8[illegible]-12[illegible]

Murrin

CHIEF ENGINEER

TIME	CIRC WATER INLET TEMP	COMPRESSOR 1 SUCT PRESS	COMPRESSOR 1 DISCH PRESS	COMPRESSOR 1 WATER OUT TEMP	COMPRESSOR 2 SUCT PRESS	COMPRESSOR 2 DISCH PRESS	COMPRESSOR 2 WATER OUT TEMP	COMPRESSOR 3 SUCT PRESS	COMPRESSOR 3 DISCH PRESS	COMPRESSOR 3 WATER OUT TEMP	COMPRESSOR 4 SUCT PRESS	COMPRESSOR 4 DISCH PRESS	COMPRESSOR 4 WATER OUT TEMP	COMPRESSOR 5 SUCT PRESS	COMPRESSOR 5 DISCH PRESS	COMPRESSOR 5 WATER OUT TEMP
1200	83	0	125	102	0	120	94							5	120	98
1400	83	0	120	100	0	120	93							16	120	98
1600	83	0	125	102	0	120	94							15	120	98
1800	83	0	125	102	0	120	94							13	125	98
2000	83	0	125	103	0	120	92							10	120	98
2200	83	0	125	104	0	120	93							0	120	99
2400	82	0	125	101	0	120	94							11	125	100
0200	82	0	125	101	—	—	—							14	125	100
0400	83	0	125	101	0	120	94							—	—	—
0600	83	0	125	102	—	—	—							10	120	100
0800	82	0	125	101	0	120	92							5	125	100
1000	82	0	125	100	0	120	94							20	120	100

DEC-26-66 #-1 DEC-25-66

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED ~~TANKS*~~
	0904/24/00		13
0000			
0100	09055000		900
0200	09055900		900
0300	09056800		900
0400	09057700		900
0500	09058600		900
0600	09059500		900
0700	09060500		1000
0800	09061500		1000
0900	09062000		500
1000			
1100			
1200	09043200		900
1300	09044100		900
1400	09045000		900
1500	09046000		1000
1600	09047000		1000
1700	09047900		900
1800	09048800		900
1900	09049700		900
2000	09050400		700
2100	09051400		1000
2200	09052300		900
2300	09053200		900
2400	09054100		900

** Indicate under REMARKS number of tanks being filled.*

SCALING RECORD

	EFFECT NO. 1	NO. 2	NO. 3
DATE LAST SCALED	7/3/66	7/3/66	7/3/66
HOURS BROUGHT FORWARD			
HOURS THIS DATE	724		
HOURS TO DATE			
GALLONS BROUGHT FORWARD	744500		
GALLONS THIS DATE			
GALLONS TO DATE			

CHECKED (Signature)

APPROVED

(Engineer Officer, U. S. N.)

REMARKS

0000–0400

#1 evap. dist to #1 stbd. feed
0100 #1 stbd. feed tank tested - 2 DROPS
0300 #1 stbd. feed tank tested - 2 DROPS

SIGNED F. Hasklewood

1200–1600

#1 evap. dist to #1 stbd feed
1300 #1 stbd. feed tank tested - 2 DROPS
1500 #1 stbd. feed tank tested - 2 DROPS

SIGNED F. Hasklewood

0400–0800

#-1 EVAP. DIST. TO #1 Stbd... @ 0800 #-1 Stbd-Feed SHIFTED OVER TO #3 Stbd..

#-1 Port - FULL TEST 2 Drops
#2 Port - FULL " 2 Drops
#1 Stbd - FULL " 2 Drops
#3 Stbd FULL " " "

SIGNED E. A. Magallanes

1600–2000

#1 Evap. Dist. To #1 stbd-feed pumped Bilges in Evap & Refer flds

SIGNED R. Sheppard

0800–1200

#-1 EVAP. SECURED @ 0840....

F.W. DIST = 20 Hrs 20,600 GALS

SIGNED E. A. Magallanes

2000–2400

#1 & 2 EVAP. DIST. TO #-2 Stbd FEED....
@ 23:00 #-2 Stbd TESTED 2 Drops

SIGNED E. A. Magallanes

NAVSHIPS 3676 (REV 11-50) BACK

Stocked in SDS

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

NAVSHIPS 3676 (REV. 11-60)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY ✓ U. S. S. GEN. JOHN POPE PLANT NO. 1

AT ANCHOR ____ TIME: ZONE DESCRIPTION ____ SET CLOCKS AHEAD OR BACK ____ MINUTES AT ____ DATE DEC. 25, 19 66

HOUR ENDING	DEC. 24-66 0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	DEC. 25-66 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	8	8	8
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	2	2	2	2	2				2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3	3	3	3	3				3	3	3	3	3	3	3	3	3	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	235	230	230	230	240	240	240	230				240	240	240	240	240	240	240	240	240	240	240	240	230
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	205	205	205	205	205	205	205	205				205	205	205	205	205	205	205	205	205	205	205	205	205
1ST EFFECT SHELL PRESSURE, "HG	7	7	7	7	7	7	7	7				7	7	7	7	7"	7"	7"	7"	7	7	7	7	7
2D EFFECT COIL DRAIN, TEMPERATURE, °F	166	166	166	166	160	160	160	160				170	170	170	170	170	170	170	170	166	166	166	166	166
2D EFFECT SHELL PRESSURE, "HG	15	15	15	16	16	16	16	16				15	15	15	15	15"	15"	15"	15"	15	15	15	15	15
3D EFFECT COIL DRAIN, TEMPERATURE, °F	156	156	156	152	150	150	150	150				160	160	160	160	160	160	160	160	156	156	156	156	156
3D EFFECT SHELL PRESSURE, "HG	23	23	23	23	23	23	23	23				23	23	23	23	23"	23"	23"	23"	22	23	23	23	23
CONDENSATE TO COOLER, TEMPERATURE, °F	134	134	134	134	130	130	134	134				134	134	134	134	136	136	136	136	136	136	136	136	136
CONDENSATE FROM COOLER, TEMPERATURE, °F	90	90	90	90	90	90	90	90				90	90	90	90	92	92	92	92	92	92	92	92	92
BRINE OVERBOARD, TEMPERATURE, °F	130	130	130	130	130	130	130	130				122	122	122	122	130	130	132	130	130	130	130	130	130
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
AIR EJECTOR DRAINS, TEMPERATURE, °F																								
CIRC. WATER INJECTION, TEMPERATURE, °F	69	69	69	68	68	68	68	68				69	69	69	70	70	70	70	70	69	69	69	69	69
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	69	69	69	68	68	68	68	68				69	69	69	70	70	70	70	70	69	69	69	69	69
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																								
FEED TO 1ST EFFECT, TEMPERATURE, °F	142	142	142	142	142	144	144	144				146	146	146	146	146	146	146	146	144	144	144	144	144
CIRC. WATER OVERBOARD, TEMPERATURE, °F	94	94	94	94	94	94	94	94				96	96	96	96	96	96	96	96	96	96	96	96	96
CIRC. PUMP SUCTION PRESSURE, #G	5	5	5	5	5	5	5	5				4	4	4	4	5	5	5	5	5	5	5	5	5
CIRC. PUMP DISCHARGE PRESSURE, #G	15	15	15	15	15	15	15	15				17	17	17	17	18	18	18	18	18	18	18	18	18
BRINE PUMP SUCTION PRESSURE, #G	25	25	25	25	25	25	25	25				25	25	25	25	25"	25"	25"	25"	25	25	25	25	25
BRINE PUMP DISCHARGE PRESSURE, #G	30	30	30	30	30	30	30	30				25	25	25	25	30	30	30	30	30	30	30	30	30
FEED PUMP SUCTION PRESSURE, #G	8	8	8	8	8	8	8	8				8	8	8	8	8	8	8	8	8	8	8	8	8
FEED PUMP DISCHARGE PRESSURE, #G	20	20	20	20	20	20	20	20				20	20	20	20	20	20	20	20	20	20	20	20	20
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	2	2	2	2	2	2	2	2				2	2	2	2	2	2	2	2	2	2	2	2	2
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	62	62	62	62	62	62	62	62				61	61	61	61	62	62	62	62	62	62	62	62	62
F. W. PUMP DISCHARGE PRESSURE	10	10	10	10	10	10	10	10				10	10	10	10	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
CHEMICAL TEST	20	20	20	20	20	20	20	20				20	20	20	20	20	20	20	20	20	20	20	20	20
AIR EJECTOR DRAINS, SALINITY—E. P. M.	02	02	02	02	02	02	02	02				02	02	02	02	02	02	02	02	02	02	02	02	02
1ST EFFECT DRAINS, SALINITY—E. P. M.	0	0	0	0	0	0	0	0				0	0	0	0	0	0	0	0	0	0	0	0	0
CONDENSATE FROM COOLER, SALINITY—E. P. M.																								

@ 0940 SECURED FOR SECURE

DEC. 25-66 #-1 DEC. 24-66

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
	09018500		
0000			
0100	09032100		1100
0200	09033000		900
0300	09033600	40 min	600
0400	09034400		800
0500	09035500	1100	
0600	09036000		500
0700	09036900		900
0800	09038000		1100
0900	09040400	2400	
1000	09041400		1000
1100	09042400		1000
1200	09019300	500	
1300	09020300	1000	
1400	09021300	1000	
1500	09022300	1000	
1600	09023300	1000	
1700	09024400	1100	
1800	09025400	[illegible]	1000
1900	09026400		1000
2000	09027200		800
2100	09028200		1000
2200	09029200		1000
2300	09030000		800 (40 MINS)
2400	09031100		1100

* Indicate under REMARKS number of tanks being filled.

SCALING RECORD

	EFFECT NO. 1	EFFECT NO. 2	EFFECT NO. 3
DATE LAST SCALED	7/3/66	7/3/66	7/3/66
HOURS BROUGHT FORWARD			
HOURS THIS DATE	700		
HOURS TO DATE			
GALLONS BROUGHT FORWARD	721400		
GALLONS THIS DATE			
GALLONS TO DATE			

CHECKED (Signature)

APPROVED

(Engineer Officer, U. S. N.)

REMARKS

0000–0400

#1 evap. dist to #1 feed (stbd.)

0100 #1 feed tank tested = 2 Drops (stbd)
0300 #1 stbd. feed tank tested = 2 Drops

40 Min

SIGNED T. Hawkswood

1200–1600

#1 evap. dist. to 3 port & stbd. & center

SIGNED T. Hawkswood

0400–0800

#1 Evap. Dist. to #3 port & stbd
pumped Bilges in Refer Flats.
@0430 Filled #1 Aux Evap Tank
@0500 shifted Dist. to #1 stbd-Feed
@0750 shifted Dist to #3 port & stbd

@745
#1 port-22'- Test 2 drops
#1 stbd - 12' - Test 2 drops
#3 port - 22 - Test 2 drops
#2 stbd - 7' - Test 2 drops

SIGNED R. Shepard

1600–2000

#1 Evap. Dist. to #3 &
pumped Bilges in Refer Flats
@1700 shifted Dist. to #2 stbd-Feed.
#2 stbd Feed Test 2 Drops @ 1945

SIGNED R. Shepard

0800–1200

#-1 EVAP. DIST. TO
#-3 PORT & STBD....
@ 0900 SHIFTED. TO
#1 STBD FEED....
@ 11:00 #1 STBD TEST - 2 DROPS
F.W. DIST. (23 Hrs) 23,100 GALS

SIGNED E. J. Magallanes

2000–2400

#-1 EVAP. DIST. TO #2 STBD
@ ~~[illegible]~~ 2035 SHIFTED DIST. TO
#-~~1~~ ~~PORT~~ & STBD-FEED..
~~ADDED 8 OZ CHLORINE~~
~~PER 1000 GALS DIST.~~

SIGNED E. J. Magallanes

NAVSHIPS 3076 (REV. 11-50) BACK

Stocked in CDS

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

NAVSHIPS 3676 (REV. 11-60)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY ✓ U. S. S. GEN. JOHN DOPE PLANT NO. 1

AT ANCHOR ____ TIME: ZONE DESCRIPTION ____ SET CLOCKS AHEAD OR BACK 20 min MINUTES AT 2300-0100-0500 DATE DEC-24, 19 66

HOUR ENDING	DEC-25-66															DEC-26-66								
	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	8	8	8	8	8	8
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3	3	3	3	3	3	3	3	2	2	3	3	3	3	3	3	2	2	2	2	2
STEAM TO 1ST EFFECT, TEMPERATURE, °F	240	240	240	240	240	240	240	240	240	240	240	240	240	230	235	240	240	240	240	240	240	240	240	240
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	205	205	205	205	205	205	205	205	205	205	205	200	200	200	200	205	205	205	205	205	205	205	205	205
1ST EFFECT SHELL PRESSURE, "HG	6	6	6	6"	6"	6"	6"	6	6	6	6	7	7	7	7	7"	7"	7"	7"	7	7	7	7	7
2D EFFECT COIL DRAIN, TEMPERATURE, °F	174	174	174	174	174	174	175	166	166	166	166	170	170	170	170	170	172	172	172	172	172	172	172	172
2D EFFECT SHELL PRESSURE, "HG	13	13	13	13"	13"	12"	12	15	15	15	15	14	14	14	14	14"	14"	14"	14"	14	14	14	14	14
3D EFFECT COIL DRAIN, TEMPERATURE, °F	164	164	160	164	164	164	165	156	156	156	156	160	160	160	160	160	162	162	162	162	162	162	162	162
3D EFFECT SHELL PRESSURE, "HG	22	22	22	22"	22"	22"	22	22	22	22	22	22	22	22	22	22"	22"	22"	22"	22	22	22	22	22
CONDENSATE TO COOLER, TEMPERATURE, °F	140	140	140	142	142	142	142	134	134	134	134	138	138	138	138	140	140	140	140	142	142	142	142	142
CONDENSATE FROM COOLER, TEMPERATURE, °F	94	94	94	95	95	95	95	92	92	92	92	96	96	96	94	96	96	96	96	96	96	96	96	96
BRINE OVERBOARD, TEMPERATURE, °F	130	130	130	134	134	134	136	134	134	136	136	128	128	132	132	132	134	134	136	136	136	136	136	130
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	69	69	69	69	69	69	69	69	69	69	69	72	72	72	71	71	71	71	71	70	70	70	70	70
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	69	69	69	69	69	69	69	69	69	69	69	72	72	72	71	71	71	71	71	70	70	70	70	70
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																								
FEED TO 1ST EFFECT, TEMPERATURE, °F	148	148	148	148	148	148	148	148	144	144	144	144	144	144	145	147	148	148	148	144	144	144	144	144
CIRC. WATER OVERBOARD, TEMPERATURE, °F	98	98	98	98	98	98	98	98	98	96	96	100	100	98	98	100	100	100	100	100	100	100	100	100
CIRC. PUMP SUCTION PRESSURE, #G	4	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	3	3
CIRC. PUMP DISCHARGE PRESSURE, #G	19	19	19	19	19	19	18	19	19	19	19	18	18	17	18	18	18	18	18	18	18	18	18	18
BRINE PUMP SUCTION PRESSURE, #G	25	25	25	24"	24"	24"	24"	25	25	25	25	24	24	24	24	24"	24"	24"	24	24	24	24	24	24
BRINE PUMP DISCHARGE PRESSURE, #G	30	30	30	20	20	20	25	25	25	25	25	18	18	20	18	25	25	25	25	32	32	32	32	32
FEED PUMP SUCTION PRESSURE, #G	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
FEED PUMP DISCHARGE PRESSURE, #G	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	1	1		2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	60	60	60	62	62	62	62	60	62	62	62	59	59	60	60	60	60	60	60	60	60	60	60	60
F. W. PUMP DISCHARGE PRESSURE	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	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	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
AIR EJECTOR DRAINS, SALINITY—E. P. M.	02	02	02	.02	.02	.02	.02	02	02	02	02	02	02	02	02	.02	.02	.02	.02	02	02	02	02	02
1ST EFFECT DRAINS, SALINITY—E. P. M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CONDENSATE FROM COOLER, SALINITY—E. P. M.																								

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
0000			
0100	04075400	1500	
0200	04077000	1600	
0300	04078100	1100	40 min
0400	04079700	1600	
0500	04081300	1600	
0600	04082300	1000	= 40 min
0700	04083900	1600	
0800	04085000	1100	
0900	F.W. N. out	— — —	
1000	04086600	1600	
1100	04088200	1600	
1200			
1300			
1400			
1500			
1600			
1700			
1800			
1900			
2000	04068500		
2100	04069500	1000	
2200	04071100	1600	
2300	04072200	1100	(2 min)
2400	04073900	1700	

* *Indicate under REMARKS number of tanks being filled.*

SCALING RECORD

	EFFECT NO. 1	EFFECT NO. 2	EFFECT NO. 3
DATE LAST SCALED	12-24-66	12-24-66	12-24-66
HOURS BROUGHT FORWARD			
HOURS THIS DATE			
HOURS TO DATE			
GALLONS BROUGHT FORWARD			
GALLONS THIS DATE			
GALLONS TO DATE			

CHECKED (Signature)

APPROVED

(Engineer Officer, U. S. N.)

REMARKS

12-25-66

0000-0400

#2 evap. dist to 3 port & stbd.

SIGNED [illegible]

0400-0800

#2 Evap. Dist. To #3 port & stbd @ 0500 Filled #2 Waste Evap Tank @ 0750 #2 Fresh Water pump started Arking Bad - Secured #2 pump - open crossover - To #1 F.W. pump.

SIGNED R. Shippard

0800-1200

#-2 Evap. Dist. to #-3 Port & Stbd.... F.W. METER ON LINE @ 0900.... Added 8 oz chlorine per 1000 gals Dist.. F.W. Dist (14 Hrs) 19,700 gals

SIGNED E. J. Magallanes

12-24-66

1200-1600

SIGNED

1600-2000

Lit off #2 Evap at 1830 Dist. to Bilge

SIGNED R. Shippard

2000-2400

#-2 Evap. Dist to Bilges until 2030. @ 2035 Dist. to #-3 Port & Stbd.... Added 8 oz chlorine per 1000 gals Dist.

SIGNED E. J. Magallanes

NAVSHIPS 3676 (REV. 11-50) BACK

Stocked in CDS

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

NAVSHIPS 3676 (REV. 11-50)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY X

AT ANCHOR

U. S. S. Gen. John pope 7-AP 110 PLANT NO. II

TIME: ZONE DESCRIPTION

SET CLOCKS AHEAD OR BACK 20 min MINUTES AT 2300-0100-0500 DATE Dec 24 19 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	7	7	7	7	7	7	7	7	7	7	7								7	7	7	7	7	7
STEAM FROM REG. VALVE, PRESSURE #G	1	1	1	0	0	0	0	0	0	0	0								0	1	1	1	1	1
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	9	9	9	9"	9"	9"	9"	10	10	10	10								10"	10	10	10	10	10
STEAM TO 1ST EFFECT, TEMPERATURE, °F	250	250	250	230	230	230	230	230	230	230	230								220	240	240	240	240	240
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	170	180	180	185	185	185	185	185	185	185	185								180	180	180	180	180	180
1ST EFFECT SHELL PRESSURE, "HG	13	13	13	12"	12"	12"	12"	14	14	14	14								14"	13	13	13	13	13
2D EFFECT COIL DRAIN, TEMPERATURE, °F	—	—	—	—	—	—	—												—					
2D EFFECT SHELL PRESSURE, "HG	18	18	18	18"	18"	18"	18"	19	19	19	19								12"	12	12	17	17	17
3D EFFECT COIL DRAIN, TEMPERATURE, °F	140	140	140	140	140	140	140	140	140	140	140								140	140	140	140	140	140
3D EFFECT SHELL PRESSURE, "HG	—	—	—	—	—	—	—												—					
CONDENSATE TO COOLER, TEMPERATURE, °F	122	122	122	122	122	122	122	122	122	122	122								124	122	122	122	122	122
CONDENSATE FROM COOLER, TEMPERATURE, °F	—	—	—	—	—	—	—												—					
BRINE OVERBOARD, TEMPERATURE, °F	120	120	120	118	118	118	118	118	118	118	118								120	120	122	122	122	122
STEAM TO AIR EJECTOR, PRESSURE, #G	94	94	94	94	94	94	94	94	94	94	94								94	98	98	98	98	98
AIR EJECTOR DRAINS, TEMPERATURE, °F																								
CIRC. WATER INJECTION, TEMPERATURE, °F	69	69	69	69	69	69	69	69	69	69	69								70	70	70	70	70	70
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	69	69	69	69	69	69	69	69	69	69	69									70	70	70	70	70
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F																								
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F																								
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F	110	110	110	110	110	110	110	110	110	110	110								110	100	110	110	110	110
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	138	138	138	136	138	138	138	134	134	134	134								140	138	138	138	138	138
FEED TO 1ST EFFECT, TEMPERATURE, °F	162	162	162	160	162	160	160	160	160	160	160								168	162	162	162	162	162
CIRC. WATER OVERBOARD, TEMPERATURE, °F	96	96	96	96	96	96	96	96	96	96	96								100	100	100	100	100	100
CIRC. PUMP SUCTION PRESSURE, #G	2	2	2	3	3	3	3	3	3	3	3									20	20	20	20	20
CIRC. PUMP DISCHARGE PRESSURE, #G	20	20	20	20	20	20	20	20	20	20	20								2	20	20	20	20	20
BRINE PUMP SUCTION PRESSURE, #G	22	22	22	24"	24"	24"	24"	24	24	24	24								20	18"	16	16	16	12
BRINE PUMP DISCHARGE PRESSURE, #G	30	30	30	26	26	26	25	26	26	26	26								18"	28	30	30	20	20
FEED PUMP SUCTION PRESSURE, #G				—	—	—	—	—	—	—	—								28	—	—	—	—	
FEED PUMP DISCHARGE PRESSURE, #G				—	—	—	—	—	—	—	—								—	—	—	—	—	
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	8	8	8	6	6	6	7	6	6	6	6								7	7"	8	8	8	8
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	35	35	35	35	35	35	40	35	35	35	35								40	40	40	40	40	40
F. W. PUMP DISCHARGE PRESSURE	10	10	10	10	10	10	10	10	10	10	10								—	—	15	15	15	15
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										1.6	1.6	1.6	1.6
CHEMICAL TEST	40	40	40	40	40	40	40	40	40	40	40										30	30	30	30
AIR EJECTOR DRAINS, SALINITY—E. P. M.	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04										.04	.04	.04	.04
1ST EFFECT DRAINS, SALINITY—E. P. M.	0	0	0	.02	.02	.02	.02	0	0	0	0										0	0	0	0
CONDENSATE FROM COOLER, SALINITY—E. P. M.																								

Dec. 24-66 #-1 Dec. 23-66

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
	08995700		
0000			
0100	09008900	1000	
0200	09009700	800	
0300	09010700	1000	
0400	09011700	1000	
0500	09012700		1000
0600	09013700		1000
0700	09014700		1000
0800	09015500		800
0900	09016500		1000
1000	09017500		1000
1100	09018500		1000
1200	08996500	800	
1300	08997400	900	
1400	08998400	1000	
1500	08999400	1000	
1600	09000400	1000	
1700	09001400		1000
1800	09002100		700
1900	09003100		1000
2000	09004000		900
2100	09005000		1000
2200	09006000		1000
2300	09007000		1000
2400	09007900	900	
		14,400	

* Indicate under REMARKS number of tanks being filled.

SCALING RECORD

	EFFECT NO. 1	NO. 2	NO. 3
DATE LAST SCALED	7/3/66	7/3/66	7/3/66
HOURS BROUGHT FORWARD	6		
HOURS THIS DATE	676		
HOURS TO DATE			
GALLONS BROUGHT FORWARD	698600		
GALLONS THIS DATE			
GALLONS TO DATE			

CHECKED (Signature)

APPROVED

(Engineer Officer, U. S. N.)

REMARKS

0000–0400

#1 evap. dist to 3 port & stbd.

SIGNED L. Hawkins

0400–0800

@ 0400 #1 Evap. Dist. to #1 stbd. feed
pumped Bilges in Refer Flats
Filled #1 Noeqvap Tank.
@ 0500 Shifted Dist. to #2 stbd. feed

@ 0745
#1 port - 22' - Test 2 Drops
#1 stbd - 11' - Test 2 Drops
#2 port - 22' - Test 2 Drops
#2 stbd - 9' - Test 2 Drops

SIGNED R. Sheppard

0800–1200

#-1 EVAP. DIST TO
#-2 STBD FEED TK.
#-2 STBD TESTED @ 1100
2 DROPS
F.W. DIST - 121 HRS, 22,800 GALS 2 DROPS

SIGNED E. J. Magallanes

1200–1600

#1 evap. dist. to 3 port & stbd.

SIGNED L. Hawkins

1600–2000

#1 Evap. Dist to #1 stbd. Feed
pumped Bilges in Evap & Refer Flats
@ 1945 #1 stbd. Test 2 Drops

SIGNED R. Sheppard

2000–2400

#-1 EVAP. DIST. TO
#-2 STBD FEED
#-2 STBD TESTED @ 2345
2 DROPS

SIGNED E. J. Magallanes

NAVSHIPS 3676 (REV 11-50) BACK

Stocked in CDS

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

NAVSHIPS 3676 (REV. 11-50)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY ✓ U. S. S. GEN. JOHN POPE PLANT NO. 1

AT ANCHOR _____ TIME: ZONE DESCRIPTION _____ SET CLOCKS AHEAD OR BACK _____ MINUTES AT _____ DATE DEC. 27, 1966

HOUR ENDING	DEC. 27-66															DEC. 28-66								
	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	5	5	5	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	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	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	200	200	200	200	205	205	205	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
1ST EFFECT SHELL PRESSURE, "HG	8	8	8	8"	8"	8"	8"	6	6	6	6	7	7	7	7	7"	7"	7"	7"	7	8	8	8	8
2D EFFECT COIL DRAIN, TEMPERATURE, °F	164	164	164	166	166	166	166	172	172	172	172	168	168	168	168	170	170	170	170	166	166	166	166	166
2D EFFECT SHELL PRESSURE, "HG	16	16	16	15"	15"	15"	15"	14	14	14	14	15	15	15	15	15"	15"	15"	15"	16	16	16	16	16
3D EFFECT COIL DRAIN, TEMPERATURE, °F	156	156	156	156	156	156	156	162	162	162	162	158	155	158	158	160	160	160	160	154	154	154	154	154
3D EFFECT SHELL PRESSURE, "HG	23	23	23	23"	23	23"	23"	22	22	22	22	23	23	23	23	23"	23"	23"	23"	23	23	23	23	23
CONDENSATE TO COOLER, TEMPERATURE, °F	132	132	132	130	130	130	130	138	138	138	138	132	132	132	132	134	134	134	134	134	134	134	134	134
CONDENSATE FROM COOLER, TEMPERATURE, °F	92	92	92	90	90	90	90	94	94	94	94	92	92	92	92	92	92	92	92	92	92	92	92	92
BRINE OVERBOARD, TEMPERATURE, °F	130	130	130	128	128	128	128	128	128	128	128	124	124	124	124	128	128	128	128	128	128	128	128	128
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	72	72	72	72	72	72	72	73	73	73	73	73	73	73	72	73	73	73	73	72	72	72	72	72
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	72	72	72	72	72	72	72	73	73	73	73	73	73	73	72	73	73	73	73	72	72	72	72	73
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																								
FEED TO 1ST EFFECT, TEMPERATURE, °F	140	140	140	144	142	142	142	144	144	146	146	144	144	144	144	148	148	148	146	144	142	142	142	142
CIRC. WATER OVERBOARD, TEMPERATURE, °F	94	94	94	96	98	98	98	100	100	100	100	92	92	92	92	96	96	96	96	94	94	94	94	94
CIRC. PUMP SUCTION PRESSURE, #G	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3
CIRC. PUMP DISCHARGE PRESSURE, #G	16	16	16	16	17	17	17	17	17	17	17	16	16	16	16	16	16	16	16	16	16	16	16	16
BRINE PUMP SUCTION PRESSURE, #G	25	25	25	25"	25"	25"	25"	25	25	25	25	25	25	25	25	24"	24"	24"	24"	24	24	23	22	22
BRINE PUMP DISCHARGE PRESSURE, #G	20	20	20	20	20	20	20	20	20	20	20	25	25	25	25	30	25	25	25	22	22	22	22	22
FEED PUMP SUCTION PRESSURE, #G	5	5	5	8	8	8	8	8	8	8	8	8	8	8	5	7	8	8	8	8	8	8	8	8
FEED PUMP DISCHARGE PRESSURE, #G	15	15	15	20	20	20	20	20	20	20	20	20	20	20	20	18	18	18	18	18	18	18	18	15
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60
F. W. PUMP DISCHARGE PRESSURE	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	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	21D	21D	21D	2D	2D	2D	2D	2D	2D	2D	2D	21D	21D	2D	21D	2D	2D	2D	2D	2D	2D	2D	2D	21D
AIR EJECTOR DRAINS, SALINITY—E. P. M.	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02
1ST EFFECT DRAINS, SALINITY—E. P. M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.01	0	0	0	0	0	0	0	0
CONDENSATE FROM COOLER, SALINITY—E. P. M.																								