USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	8-A	NSC Oakland Calif	Okinawa	P2-S2-R2	4-20-2467

		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)		2663 6980	2665 3370	2667 6640	2669 9630	2672 2620	2674 5920
TOTAL REVOLUTIONS (FOR WATCH)		22970	22750	22870	22990	22990	23300
AVERAGE RPM		95.7	94.8	95.3	95.8	95.8	97.1
F.O. METER (END OF WATCH)		1154 2910	1155 1540	1155 4280	1155 7010	1155 9680	1156 2480
F.O. CONSUMED		2740	2630	2740	2730	2670	2800
MACHINERY PARTICULARS – PRESSURES	THROTTLE	440	440	440	440	440	440
	H.P. AHEAD	440	440	440	440	440	440
	L.P. AHEAD	24	24	24	24	24	24
	VACUUM	28.8"	28.8"	28	28.8"	28.8"	28
	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	9
	GLAND STEAM	1.0	1.0	1.0	1.0	1.0	1.0
	H.P. BLEEDER	70	70	70	70	70	70
	I.P. BLEEDER	6	6	6	6	6	6
	L.P. BLEEDER	10	10	10	10	10"	10"
MACHINERY PARTICULARS – TEMPERATURES	STEAM AT THROTTLE	690	700	695	690	690	700
	L.P. EXHAUST	105	105	105	104	105	108
	CONDENSATE	95	101	102	100	101	104
	CIRC. WATER IN	71	70	70	70	71	74
	CIRC. WATER OUT	84	81	82	82	84	84
	L.O. TO COOLERS	128	128	129	128	128	129
	L.O. FROM COOLERS	110	110	110	110	110	110
	TEMPERATURE THRUST BEARING	118	120	118	118	118	118
	FORWARD H.P. ROTOR BEARING	124	126	123	124	124	124

		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	132	136	138	141	137
	FORWARD L. P. ROTOR BEARING	135	130	132	132	130	133
	AFT. L.P. ROTOR BEARING	130	128	127	128	128	128
	HOTTEST GEAR BEARING FORWARD	158	140	156	158	160	157
	HOTTEST GEAR BEARING AFT	146	145	145	146	147	146
	AUX. COND. CONDENSATE	115	114	112	114	114	113
	1ST STAGE FEED WATER HEATER	155	156	158	158	158	160
	D. C. FEED WATER HEATER	240	240	240	240	240	240
	3RD STAGE FEED WATER HEATER	250 160	–	–	–		
BOILER PARTICULARS – TEMPERATURES	F.O. TO BURNERS	200/200	200/200	200/200	200/200	205/205	210/210
	F. O. BACK PRESSURE						
	AIR TO FURNACE	5.2/5.4	5.0/5.2	5.0/5.2	5.4/5.4	5.4/5.4	5.4/5.4
	UPTAKE	.41	.41	.41	.41	.41	.41
	MAIN STEAM	440	440	440	440	440	440
BOILER PARTICULARS – PRESSURES	SUPER HEAT	690		695	690	690	700
	F.O. TO BURNERS	190/190	190/190	190/190	190/190	190/190	190/190
	F.O. TEMP. IN SETTLING TANKS	112/115	115/110	108/110	100/110	100/115	100/115
	PORT BOILER UPTAKE	340	335	345	350	340	335
	STBD. BOILER UPTAKE	345	335	335	340	340	325
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	80	78	79	78	80	81
	FIRE ROOM TEMPERATURE	80	78	79	78	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						
	CO_2 % STBD. BOILER						
	OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

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	690	9	120	110		62	1500	1500	235
1600 TO 2000	1	1200	440	700	9	118	110		62	1400	1400	235
2000 TO 2400	1	1200	440	695	9	120	110		62	1400	1400	235
2400 TO 0400	1	1200	440	690	9	120	110		62	1450	1400	235
0400 TO 0800	1	1200	640	690	9	120	110		62	1550	1500	235
0800 TO 1200	1	1200	440	700	9	120	110		62	1550	1550	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11562480	BOILER WATER	ON HAND AT START OF DAY	763
	METER PREVIOUS NOON	11546170		EVAPORATED OR RECEIVED	29
	CONSUMED BY METER	16310		ON HAND	141
	ON HAND AT START OF DAY	10657		CONSUMED	51
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	1990
	EXPENDED DURING DAY	717		RECEIVED	-0-
	REMAINING ON BOARD	9940		ON HAND	1985
DOMESTIC WATER	ON HAND AT START OF DAY	721		CONSUMED	5
	EVAPORATED OR RECEIVED	139		DIESEL OIL	1165
	ON HAND	675		ON HAND	1163
	CONSUMED	185		CONSUMED	2

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

4	4	4	4	4	4

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	3½	4	4

SUMMARY

RUNNING TIME	1440	PERCENT OF SLIP	POS. 13.3
DETENTION TIME	-0-	BBL FUEL/MI	1.42 1.64
TOTAL REVOLUTIONS	135435	WIND DIRECTION	030°
AVERAGE R.P.M.	94.1	STATE OF SEA	12'
TOTAL MILES BY ENGINE	505	STATE OF WEATHER	67°
TOTAL MILES BY OBSERVATION	438		

REMARKS

1200-1600 WATCH

UNderWay on 18 NOZZ MACH. Inoperation #1+2 Boilers. 1+2 FD. Blowers. 1+2 F.O.S. PUMPS. 1+2 MN FD. pumps. MAIN AIR Compressor. MAIN AIR Ejector. MN. CIRC + Cond pumps. Lo. purifier L.O.S. Pump #1 Aux Generator. AUX AIR Ejector CIRC + Cond Pumps ~~over~~ X to MAIN FIRC + SAN. PUMP. Port Steering Gear. Daily test of MAIN Thrst. Pumped up Port SETLERS FROM #2 P/S DB TKS. Changed + Cleaned Center F.O. burners + P/S disch. STRAINERS. Checked steering ER. GEAR. PUMPED Bilges. Added 1gal Lo to #1 MN Feed pump. MADE Routine Rounds on Mach + ENGS SPACES Complied With standing + COMSTS 4700.7

WATCH ENGR'S SIGNATURE- Henry Burney

1600-2000 WATCH

underway 18 NOZZles machinery In operation As Before. Blow tubes on Port + stbd Boilers @ 1400. changed + cleaned F.O. Burners + Sucf. strainers. Complied with ~~AS~~ Comsts. 4700.7. Pumped Bilges. Checked Steering Eng. Room.

WATCH ENGR'S SIGNATURE- L. Harris

2000-2400 WATCH

Underway, Steaming 18 Nozz, Cleaned & Changed top furnace #1+2 Boilers Shift + clean F.O. Disch strainers P+S, Shift + Clean L.O. strainer #1 Generator Pumped bilges, Made Rounds + Insp of Mach + Eng spaces.
Complied With Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH

UNderWay on 18 NOZZ MACH AS Before Changed + Cleaned Center F.O. burners P/S disch STRAINERS. Secured L.O. purifier @0200 Cleaned + back in service @0400. Daily test of Stby L.O. PUMP. Inspected + Cleaned MAIN L.O. disch STRAINERS. PUMPED up Port SETLERS FROM #2 P/S DB + #4 C DB TKS. PUMPED Bilges. Checked Steering ER GEAR. MADE Routine Rounds on MACH + ENGS Spaces. Complied with COMSTS INST 4700.7

WATCH ENGR'S SIGNATURE- Henry Burney

0400-0800 WATCH

underway 18 NOZZles machinery In operation as Before. Changed + cleaned F.O. Burners + Suct. strainers. Complied with Comsts. 4700.7 Checked Steering Eng. Room Pumped Bilges.

WATCH ENGR'S SIGNATURE- L. Harris

0800-1200 WATCH

Underway, steaming 18 Nozz, 0800 to 0830 flew tubes on #1+2 boilers Changed + Cleaned top furnace P+S., Shift + Clean F.O. Disch strainers P+S. Shift + Clean L.O. strainer #1 Generator. Made Rounds + Insp of Mach + Eng spaces, Pumped bilges.
Comp With Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER WATER READINGS

STB'D		PORT	
HOURS	1366	HOURS	267
AKL	9.34	AKL	8.76
T-AKL	12.85	T-AKL	12.26
SAL.	3.73	SAL.	3.73
PHOS.	30	PHOS.	30
R.ph	10	R.ph	10
~~SO3~~	~~35~~		~~30~~
~~Ph Cond.~~	~~8.0~~		

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAP-110	8-A	NSC OAKLAND CALIF	OKINAWA	P2-S2-R2	4-21-22-67

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
	RUNNING TIME	240	240	260	260	260	240
	DETENTION TIME						
	REVOLUTION COUNTER (END OF WATCH)	2674 9000	2677 2010	2681 7380	2684 2700	2686 7900	2689 1430
	TOTAL REVOLUTIONS (FOR WATCH)	23180	23010	25370	25420	25200	23530
	AVERAGE RPM	96.6	95.8	97.2	97.7	96.9	98.0
	F.O. METER (END OF WATCH)	1156 5130	1156 7720	1157 0650	1157 3600	1157 6450	1157 9250
	F.O. CONSUMED	2650	2590	2930	2950	2850	2800
MACHINERY PARTICULARS – PRESSURES	THROTTLE	440	440	440	440	440	440
	H.P. AHEAD	440	440	440	440	440	440
	L.P. AHEAD	22	24	24	24		24
	VACUUM	29"	29"	29"	29"	29"	28.5
	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	9
	GLAND STEAM	1.0	1.0	1.0	1.0	1.0	1.0
	H.P. BLEEDER	70	70	70	70	70	70
	I.P. BLEEDER	6	6	6	6	6	6
	L.P. BLEEDER	10"	10"	10"	10"	10"	12"
MACHINERY PARTICULARS – TEMPERATURES	STEAM AT THROTTLE	700	695	700	700	695	705
	L.P. EXHAUST	107	102	105	103	104	106
	CONDENSATE	96	98	101	101	100	102
	CIRC. WATER IN	71	73	75	74	74	75
	CIRC. WATER OUT	83	83	87	87	88	87
	L.O. TO COOLERS	127	128	129	128	129	129
	L.O. FROM COOLERS	110	110	110	110	110	110
	TEMPERATURE THRUST BEARING	119	118	118	118	115	119
	FORWARD H.P. ROTOR BEARING	125	124	124	124	124	124

		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	140	141	138	138	137	137
	FORWARD L. P. ROTOR BEARING	134	135	134	134	134	133
	AFT. L.P. ROTOR BEARING	130	130	128	129	128	127
	HOTTEST GEAR BEARING FORWARD	158	140	158	158	160	159
	HOTTEST GEAR BEARING AFT	146	148	145	145	147	145
	AUX. COND. CONDENSATE	112	114	112	104	116	110
	1ST STAGE FEED WATER HEATER	157	158	158	158	158	160
	D. C. FEED WATER HEATER	240	240	238	239	240	238
	~~2ND STAGE FEED WATER HEATER~~ H.P. / L.P.	050 / 160	–	—	—		
BOILER PARTICULARS – PRESSURES	F.O. TO BURNERS P / S	200 / 200	202 / 200	200 / 200	200 / 200	200 / 200	210 / 210
	F. O. BACK PRESSURE						
	AIR TO FURNACE	5.2 / 5.2	5.0 / 5.2	5.0 / 5.2	5.2 / 5.4	5.2 / 5.2	5.2 / 5.2
	~~UPTAKE~~ SALINITY	.41	.41	.41	.41	.41	.41
	MAIN STEAM	440	440	440	440	440	440
BOILER PARTICULARS – TEMPERATURES	SUPER HEAT	700	695	700	700	695	705
	F.O. TO BURNERS	190 / 190	190 / 190	190 / 190	190 / 190	190 / 190	190 / 190
	F.O. TEMP. IN SETTLING TANKS	105 / 110	110 / 110		105 / 105	105 / 105	105 / 105
	PORT BOILER UPTAKE	338	235	335	342	345	335
	STBD. BOILER UPTAKE	335	225	340	342	345	325
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	84	82	82	83		86
	FIRE ROOM TEMPERATURE	84	82	82	83		86
	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	1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

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	120	110		62	1500	1450	235
1600 TO 2000	2	1200	440	695	8	132	120		65	1500	1500	235
2000 TO 2400	2	1200	440	700	7	134	122		63	1500	1500	235
2400 TO 0400	2	1200	440	700	7	134	122		63	1500	1500	235
0400 TO 0800	2	1200	440	695	7	135	122		63	1550 ~~1400~~	1500 ~~1400~~	235
0800 TO 1200	1	1200	440	705	9	120	110		62	750	750	235
	2	1200	440	705	7	135	123		63	750	750	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1157250	BOILER WATER	ON HAND AT START OF DAY	141
	METER PREVIOUS NOON	1156480		EVAPORATED OR RECEIVED	48
	CONSUMED BY METER	1770		ON HAND	137
	ON HAND AT START OF DAY	9940		CONSUMED	52
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	1985
	EXPENDED DURING DAY	717		RECEIVED	-0-
	REMAINING ON BOARD	9,223		ON HAND	1980
DOMESTIC WATER	ON HAND AT START OF DAY	675		CONSUMED	5
	EVAPORATED OR RECEIVED	142	DIESEL OIL		1163
	ON HAND	584	ON HAND		1160
	CONSUMED	223	CONSUMED		3

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

4	4	4 1/3	4 1/3	4 1/3	4

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 1/3	4 1/3	4 1/3	4

SUMMARY

RUNNING TIME	1500	PERCENT OF SLIP	POS. 12.4
DETENTION TIME	-0-	BBL FUEL/MI	1.35 1.54
TOTAL REVOLUTIONS	142310	WIND DIRECTION	150°
AVERAGE R.P.M.	94.9	STATE OF SEA	4'
TOTAL MILES BY ENGINE	531	STATE OF WEATHER	71°
TOTAL MILES BY OBSERVATION	468		

REMARKS

1200-1600 WATCH

Underway on 18 Nozz Mach Inoperation #1+2 Boilers 1+2 F.D. Blowers 1+2 F.O.S. Pumps 1+2 Mn. F.O. Pumps. Mn A.R Compressor Main A.R Ejector. Mn Circ+Cond. Pumps L.O. Purifier L.O.S. Pump #1 Aux Generator. Aux A.R Ejector. Circ+Cond pumps over to Main. Fire+ SPR Pump. Port Steering Gear. Daily test of Mn Thrust. Pumped up port Settlers From #4 & Bstk. Checked Steering Er. Gear. Pumped Bilges. Run+Tested A.C Unit For ½ hr. Weekly test of Emergency Equipment+Safety Devices. Changed+Cleaned Center F.O. burners+P/S disch strainers. Raised vacuum on #2 Aux Generator. Made Routine Rounds on Mach+Eng's Spaces. Complied with Comsts. 4700.7

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

underway 18 Nozzles machinery In operation As Before Except Started #1 S.S. Cond + Sec #2 S.S. Cond. @ 1615 for Cleaning. Sec. Air Comp. Blow Tubes on Port + stbd Boilers @ 1600. Cleaned + Cleaned F.O. Burners + suct. Strainer. Complied with Consts. 4700.7 Pumped Bilges. Elect. Cleaning #1 S.S. Cond. Checked Steering Eng Room.

WATCH ENGR'S SIGNATURE- L Harris

2000-2400 WATCH

Underway, Steaming 18 Nozz, Cleaned + changed furnaces #1+2 Boilers Shift + Clean F.O. disch strainers P+S, Shift + Clean L.O. strainer #2 Generator. Electricians Working on #1 Generator. Retarded Ships Clock 20 minutes @ 2255 Made Rounds + Insp of Mach + Eng spaces. Comp With Consts Inst 4700-7. Pumped filges,

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS Before. Changed + Cleaned Center F.O. burners P/S disch strainers. Inspected + Cleaned Main L.O. disch strainers. Daily test of Stby L.O. Pump. Retarded Clocks 20 Mins @ 0100. Pumped up Port settlers From #4 & Bstk. Pumped Bilges. Checked Steering Er. Gear. Made Routine Rounds on Mach + Eng's Spaces. Complied With Comsts 4700.7

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

underway 18 Nozzles machinery In operation As Before Changed + cleaned F.O. Burners + suct. strainer. Retarded clock 20 min. @ 0520 checked Steering Eng. Room. Complied with consts. 4700.7. Pumped Bilges.

WATCH ENGR'S SIGNATURE- L Harris

0800-1200 WATCH

Underway, steaming 18 Nozz, 0815 & 0845 flow tubes on #1+2 Boilers, Changed + Cleaned Burners #1+2 Boilers, Shift + Clean F.O. Disch strainers P+S, Shift + Clean L.O. strainers #1+2 Generators. 0800 Lit off #1 Generator. 0845 put on line, 0930 put air Cond Unit in service, @ 1015 Secured AC Unit. Due to Faulty Coil, @ 1115 put air Cond Unit back in service, Made Rounds + Insp of Mach + Eng spaces, Comp with Consts 4700-7.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

12-16 Cont Fire drill @1510 Sec @1524 Tested Relief valve Reped 125# PSI Tested Aft diesel Fire Pump. Abandon Ship drill @ 1525 Sec

BOILER WATER READINGS		
STB'D	PORT	@1532 Stby @1514 ~~Lit~~ @1532
HOURS 1391	HOURS 292	0800-1200.
AKL 8.76	AKL 8.76	Test Governor speed #1 Generator. 1230 RPM No Load.
T-AKL 11.68	T-AKL 11.68	
SAL. 3.73	SAL. 3.73	
PHOS. 30	PHOS. 30	
R.ph 10	R.ph 10	
SO^3 30	30	
PH. COND. 8.0		

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAP-116	8-A	NSC OAKLAND CALIF	SUBIC BAY P.I. ~~OKINAWA~~	P2-S2-R2	4-22-23-67

		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)		2691 4810	2693 8220	2696 1520	2698 4870	2700 8180	2703 1540
TOTAL REVOLUTIONS (FOR WATCH)		23390	23460	23250	23350	23310	23360
AVERAGE RPM		97.4	97.7	96.8	97.3	97.1	97.3
F.O. METER (END OF WATCH)		1158 2270	1158 5110	1158 8060	1159 1040	1159 3900	1159 6840
F.O. CONSUMED		3020	2840	2950	2980	2860	2940
MACHINERY PARTICULARS — PRESSURES	THROTTLE	440	440	440	440	440	440
	H.P. AHEAD	440	440	440	440	440	440
	L.P. AHEAD	27	28	28	28	27	28
	VACUUM	28.8"	28.8'	28.5	28.6"	28.5"	28.5
	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	9
	GLAND STEAM	1.0	1.0	1.0	1.0	1.0	1.0
	H.P. BLEEDER	70	70	70	70	70	70
	I.P. BLEEDER	6	6	6	6	6	6
	L.P. BLEEDER	9	9"	10"	9"	9"	9"
MACHINERY PARTICULARS — TEMPERATURES	STEAM AT THROTTLE	685	695	690	680	690	700
	L.P. EXHAUST	110	108	109	110	110	111
	CONDENSATE	104	102 ~~75~~ LH	105	104	104	107
	CIRC. WATER IN	72	75	76	77	78	78
	CIRC. WATER OUT	92	90	90	92	91	94
	L.O. TO COOLERS	128	127	129	129	128	130
	L.O. FROM COOLERS	110	110	110	110	110	110
	TEMPERATURE THRUST BEARING	119	118	119	120	118	120
	FORWARD H.P. ROTOR BEARING	125	124	124	125	124	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	139	140	137	140	140	138
	FORWARD L. P. ROTOR BEARING	134	130	133	134	134	134
	AFT. L.P. ROTOR BEARING	130	130	128	129	130	130
	HOTTEST GEAR BEARING FORWARD	160	160	159	160	160	160
	HOTTEST GEAR BEARING AFT	145	147	144	145	148	145
	AUX. COND. CONDENSATE	109	112 114	112	110 110	112	112
	1ST STAGE FEED WATER HEATER	160	158	162	162	164	164
	O. C. FEED WATER HEATER	240	240	238	240	240	240
	3RD STAGE FEED WATER HEATER HP / LP	1050 160	—	—	—		
BOILER PARTICULARS — PRESSURES	F.O. TO BURNERS	225 220	220 220	220 220	220 215	230 220	230 220
	F. O. BACK PRESSURE	60 70 LH		12			
BOILER PARTICULARS — TEMPERATURES	AIR TO FURNACE	SH 5.5	6.0 7.0	6.0 6.0	5.5 6.0	6.0 7.0	5.5 5.8
	SALINITY UPTAKE	.41	.41	.41	.41	.41	.41
	MAIN STEAM	440	440	440	440	440	440
	SUPER HEAT	685	695	690	680	690	700
BOILER PARTICULARS — PRESSURES	F.O. TO BURNERS	190 190	190 190	190 190	190 190	190 190	190 190
	F.O. TEMP. IN SETTLING TANKS	105 112	105 115	105 110	110 125	115 125	110 120
	PORT BOILER UPTAKE	360	345	355	365	380	340
	STBD. BOILER UPTAKE	355	346	370	320	385	345
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	89	84	86	89	89	91
	FIRE ROOM TEMPERATURE	89	86	86	89	89	91
	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	1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

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	123	113		62	850	800	235
	2	1200	440	685	9	136	126		63	850	800	235
1600 TO 2000	1	1200	440	695	9	120	110		62	750	750	235
	2	1200	440	695	7	134	124		63	750	750	235
2000 TO 2400	1	1200	440	690	9	120	110		62	750	750	235
	2	1200	440	690	7	135	124		63	750	750	235
2400 TO 0400	1	1200	440	680	9	121	111		62	650	650	235
	2	1200	440	680	7	137	126		63	650	650	235
0400 TO 0800	1	1200	440	690	9	120	110		62	750	750	235
	2	1200	440	690	7	137	126		63	800	800	235
0800 TO 1200	1	1200	440	700	9	120	110		62	800	800	235
	2	1200	440	700	7	138	126		63	900	900	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1159 6840	BOILER WATER	ON HAND AT START OF DAY	137
	METER PREVIOUS NOON	1157 9250		EVAPORATED OR RECEIVED	62
	CONSUMED BY METER	17,590		ON HAND	128
	ON HAND AT START OF DAY	9,223		CONSUMED	71
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	1980
	EXPENDED DURING DAY	583		RECEIVED	-0-
	REMAINING ON BOARD	8,640		ON HAND	1975
DOMESTIC WATER	ON HAND AT START OF DAY	584		CONSUMED	5
	EVAPORATED OR RECEIVED	120	DIESEL OIL		1160
	ON HAND	458	ON HAND		1158
	CONSUMED	246	CONSUMED		2

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

4	4	4	4	4	4

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: 10.3
DETENTION TIME	-0-	BBL FUEL/MI	1.15 1.28
TOTAL REVOLUTIONS PYS	135,915	WIND DIRECTION	160°
AVERAGE R.P.M.	94.3	STATE OF SEA	2'
TOTAL MILES BY ENGINE	507	STATE OF WEATHER	74°
TOTAL MILES BY OBSERVATION	455		

REMARKS

1200-1600 WATCH

Underway on 18 Nozz Mach Inoperation #1+2 Boilers 1+2 FW Blowers 1+2 Fo pumps 1+2 MN FO Pumps. MN Air Compressor. MN Air Ejector. MN Circ+Cond. Pumps. Lo. Purifier. Lo. pump 1+2 Aux Generators. Aux Air Ejector Circ+Cond. pumps ~~over~~ to Main A.C. unit. Fire+San. pump Port Steering Gear. Daily test of MN Throt. Pumped up Port settlers from #4 stbd DB Tk. Took Adrag on all 5+6 FO tks. Changed+Cleaned Center F.O. burners ⅞ disch strainers. Checked steering ER Gear. Pumped Bilges. Made Routine Rounds on Mach+Eng's spaces. Complied with Comsts 4700.7 Shifted #1 Evap Air Ejector drains to Atmos drain tank. WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH

Underway 18 Nozzles machinery Inoperation As Before Blew Tubes on Port + stbd Boilers @ 1600. Changed + cleaned F.O. Burners + suct. strainer. Checked steering Eng. Room. Complied with Comsts. 4700.7 Pumped Bilges.

WATCH ENGR'S SIGNATURE- L. Harris

2000-2400 WATCH

Underway, Steaming 18 Nozz, Cleaned + Changed top burners #1+2 Boilers Shift + Clean Fo Disch strainers P+S, Shift + Clean LO. strainers #1+2 Generators pumped bilges, Made Rounds + Insp of Mach + Eng spaces, Comp with Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE- R Summers.

2400-0400 WATCH

Underway on 18 Noz Mach As Before Changed+Cleaned Center F.O. burners + ⅞ disch strainers. Inspected + Cleaned Main LO. disch strainers. Daily test of stby LO. pump. Pumped up Port settlers from #4 stbd DB. FO Tk. Checked Steering ER Gear. Pumped Bilges. Made Routine Rounds on Mach + Eng's Spaces. Complied with Comsts 4700.7

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH

Underway 18 Nozzles machinery Inoperation As Before changed + cleaned F.O. Burners + suct. strainer. Added compound To Port + stbd. Boilers. complied with comsts 4700.7. Pumped Bilges checked steering Eng. Room.

WATCH ENGR'S SIGNATURE- L Harris

0800-1200 WATCH

Underway, Steaming 18 Nozz, 0800 to 0830 Blew tubes #1+2 Boilers Changed + cleaned top burners in #1+2 Boilers, Shift + Clean Fo Disch strainer P+S, Shift + Clean L.O. strainer #1+2 Generators. 0900 Shift Fo Suction to Inboard settler. Made Rounds and Insp of Mach + Eng spaces, Pumped bilges Complied With Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

~~P.E.A. 0800-1200 @ 1045 Called Chief, Fished For Drink water Trip Bottey~~

BOILER WATER READINGS

STB'D	PORT
HOURS 1415	HOURS 316
AKL ~~16.51~~ 11.10	AKL ~~11.10~~ 10.51
T-AKL ~~14.02~~ 15.18	T-AKL ~~15.18~~ 14.02
SAL. 3.73	SAL. 3.73
PHOS. 40	PHOS. 40
R.ph 11	R.ph 11
SO^3 ~~40~~ 45	~~45~~ 40
PH. COND. 8.0	

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope Tpp-110	8-A	NSC Oakland Calif	Subic Bay P.I. ~~Okinawa~~	P2-S2-R2	4-23-24-67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	260	260	260	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	2705 4900	2707 8150	2710 3490	2712 8870	2715 3900	2717 7470
TOTAL REVOLUTIONS (FOR WATCH)	23360	23250	25240	25320	25080	23570
AVERAGE RPM	97.3	96.9	97.0	97.4	96.2	98.2
F.O. METER (END OF WATCH)	1159 9730	1160 2590	1160 5750	1160 8890	1161 1950	1161 4880
F.O. CONSUMED	2890	2860	3160	3140	3060	2930
MACHINERY PARTICULARS – PRESSURES: THROTTLE	440	440	440	440	440	440
H.P. AHEAD	440	440	440	440	440	440
L.P. AHEAD	27	27	27	27	27	27
VACUUM	28.5"	28.5"	28.5"	28.5"	28.3"	28.0
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	9
GLAND STEAM	1.0	1.0	1.0	1.0	1.0	1.0
H.P. BLEEDER	70	70	70	70	70	70
I.P. BLEEDER	6	6	6	6	6	6
L.P. BLEEDER	9"	9"	9"	9"	9"	9"
MACHINERY PARTICULARS – TEMPERATURES: STEAM AT THROTTLE	700	700	695	696	695	700
L.P. EXHAUST	110	110	112	112	109	114
CONDENSATE	105	109	109	109	107	110
CIRC. WATER IN	79	80	81	81	81	83
CIRC. WATER OUT	94	94	94	95	94	95
L.O. TO COOLERS	128	129	129	128	128	129
L.O. FROM COOLERS	110	110	110	110	110	110
TEMPERATURE THRUST BEARING	118	120	119	119	118	120
FORWARD H.P. ROTOR BEARING	126	125	124	125	124	124

	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	138	140	137	139	140	138
FORWARD L. P. ROTOR BEARING	133	133	133	133	130	134
AFT. L.P. ROTOR BEARING	130	130	130	130	130	129
HOTTEST GEAR BEARING FORWARD	168	160	159	160	161	161
HOTTEST GEAR BEARING AFT	145	148	144	145	145	145
AUX. COND. CONDENSATE	114/110	115	114	115	115	114
1ST STAGE FEED WATER HEATER	163	164	164	164	163	164
O. C. FEED WATER HEATER	240	240	240	240	240	240
3RD STAGE FEED WATER HEATER H.P.	256	—	—	—		
3RD STAGE FEED WATER HEATER L.P.	180					
BOILER PARTICULARS – TEMPERATURES: F.O. TO BURNERS P/S	220/220	220/220	220/220	220/220	220/220	220/220
F. O. BACK PRESSURE						
AIR TO FURNACE	5.6/5.6	5.6/6.5	5.5/5.5	5.5/5.5	5.5/6.5	5.5/6.4
~~UPTAKE~~ SPLINTY	.41	.41	.41	.41	.41	.41
BOILER PARTICULARS – PRESSURES: MAIN STEAM	440	440	440	440	440	440
SUPER HEAT	700	700	695	690	695	700
F.O. TO BURNERS	190/190	190/190	190/190	190/190	190/190	190/190
F.O. TEMP. IN SETTLING TANKS	98/115	100/110	100/108	105/110	105/110	100/110
PORT BOILER UPTAKE	340	340	345	345	350	345
STBD. BOILER UPTAKE	355	335	350	355	350	345
MISCELLANEOUS: ENGINE ROOM TEMPERATURE	92	91	91	91	92	99
FIRE ROOM TEMPERATURE	92	91	91	91	92	94
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	1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

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	122	111		62	900	900	235
	2	1200	440	700	7	137	127		63	850	850	235
1600 TO 2000	1	1200	440	700	9	120	110		62	750	750	235
	2	1200	440	700	7	138	127		63	800	800	235
2000 TO 2400	1	1200	440	695	9	120	110		62	700	700	235
	2	1200	440	695	7	138	125		63	800	800	235
2400 TO 0400	1	1200	440	690	9	120	110		62	750	750	235
	2	1200	440	690	7	136	127		63	750	750	235
0400 TO 0800	1	1200	440	695	9	120	110		62	800	800	235
	2	1200	440	695	7	138	128		63	750	750	235
0800 TO 1200	1	1200	440	700	9	122	112		62	750	750	235
	2	1200	440	700	7	139	126		63	750	750	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1161480	BOILER WATER: ON HAND AT START OF DAY	128
	METER PREVIOUS NOON	1139640	EVAPORATED OR RECEIVED	49
	CONSUMED BY METER	18040	ON HAND	135
	ON HAND AT START OF DAY	8640	CONSUMED	42
	RECEIVED DURING DAY	-0-	LUBE OIL: ON HAND AT START OF DAY	1975
	EXPENDED DURING DAY	600	RECEIVED	-0-
	REMAINING ON BOARD	8,040	ON HAND	1920
DOMESTIC WATER	ON HAND AT START OF DAY	458	CONSUMED	
	EVAPORATED OR RECEIVED	130	DIESEL OIL	1158
	ON HAND	400	ON HAND	1155
	CONSUMED	188	CONSUMED	3

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

4	4	4 1/3	4 1/3	4 1/3	4

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 1/3	4 1/3	4 1/3	4

SUMMARY

RUNNING TIME	1500	PERCENT OF SLIP	P.S. 14.4
DETENTION TIME	-0-	BBL FUEL/MI	1.32
TOTAL REVOLUTIONS AVG.	141,495	WIND DIRECTION	160°
AVERAGE R.P.M.	94.3	STATE OF SEA	1
TOTAL MILES BY ENGINE	528	STATE OF WEATHER	78°
TOTAL MILES BY OBSERVATION	452		

REMARKS

1200-1600 WATCH
Underway on 18 Nov 22 Mach Inoperation #1&2 Boilers 1&2 F.D. Blowers 1&2 F.O.S. Pumps 1&2 Main F.D. Pumps. Main Air Compressor. Main Air Ejector. Main Circ & Cond Pumps. L.O. Purifier. L.O.S. Pump 1&2 Aux Generators. Aux Air Ejector. Circ & Cond Pumps over to Main A.C. Unit. Circ & San Pump Port Steering Gear. Daily test of Main Thrust. Checked steering E.R. Gear. Changed & Cleaned Center F.O. burners & P/S disch. strainers. Pumped Bilges. Pumped up Port Settlers from #6 & Deep & #5 & Deep tks. Called out Osborne Eng until B/O 1st Engr & incl to install Manhold Cover to #4 Stbd. Complied with Comsts 4700.7

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH
Underway 18 Nov 22 los Machinery Inoperation As Before Blow Tubes on Port & Stbd. Boilers. Changed & Cleaned F.O. Burners & Suction strainer. Checked Steering Eng. Room. Complied with Comsts 4700.7 Pumped Bilges.

WATCH ENGR'S SIGNATURE- L. Harris

2000-2400 WATCH
Underway, Steaming 18 Knots, Cleaned & Changed top furners #1&2 Boilers Shift & Clean F.O. disch strainers P&S, Shift & Clean L.O. strainers #1&2 Gen. Retarded ships Clock 20 min. at 2355, Made Rounds & Insp of Mach & Eng spaces, pumped filges. Complied With Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE- R Summers.

2400-0400 WATCH
Underway on 18 Nov 22 Mach As Before Changed & Cleaned Center F.O. burners & P/S disch strainers. Daily test of Stby L.O. pump. Inspected & Cleaned Main L.O. disch strainer Retarded Clocks 20 mins @ 0100 Held Engs Casualty drill B-18 Failure of Combustion Control system. Watch Inst. & Bridge Notified. 0100-0130 Pumped up Port Settlers from #5 & Deep Tks. Checked Steering E.R. Gear pumped Bilges. Made Routine Rounds on Mach. & Engs Spaces. Complied with Comsts Inst 4700.7

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH
Underway 18 Nov 22 los machinery Inoperation As Before Changed & Cleaned F.O. Burners & Suct. Strainer. Retarded Clock 20 min @ 0500 Held Eng Casualty Drill B-18 From 0500 to 0530 4 men Present Bridge Notified checked Steering Eng Room. Complied with Comsts 4700.7. Pumped Bilges.

WATCH ENGR'S SIGNATURE- L. Harris

0800-1200 WATCH
Underway, Steaming 18 Knots, 0800 to 0830 Blow tubes on #1&2 Boilers 0830 to 0900 Held Eng Casualty drill B-18 4 Men present bridge Notified Cleaned & Changed top furners #1&2 Boilers, Shift & Clean F.O. Disch strainers P&S, Shift & Clean L.O. strainers #1&2 Generators. Made Rounds & Insp of mach & Eng spaces, pumped filges, Complied With Comsts Inst 4700-7. @ 1100 shift to suction to Bulford settler.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER WATER READINGS

STB'D		PORT	
HOURS	1440	HOURS	341
AKL	11.10	AKL	9.34
T-AKL	15.18	T-AKL	14.02
SAL.	3.75	SAL.	3 73
PHOS.	40	PHOS.	40
R.ph	11	R.ph	11
SO3	45		40
Ph cond	8.0		

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John POPE TRP-110	8-B	NSC OAKLAND Calif	Subic Bay P.I. ~~OKINAWA~~	P2-S2-R2	4-24-25-67

	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)	2720 0120	2732 3930	2724 7430	2726 7930	2728 6510	2731 2630
TOTAL REVOLUTIONS (FOR WATCH)	23250	23210	23500	20500	21580	23120
AVERAGE RPM	96.9	96.7	97.9	85.4	89.9	96.3
F.O. METER (END OF WATCH)	1161 7750	1162 0710	1162 3710	1162 6490	1162 9480	1163 2620
F.O. CONSUMED	2870	2960	3000	2780	2990	3140
MACHINERY PARTICULARS – PRESSURES: THROTTLE	440	440	440	430	430	440
H.P. AHEAD	440	440	440	320	380	440
L.P. AHEAD	28	28	28	17	22	28
VACUUM	28.2"	28.0"	28.0	27.8"	27.8"	28.0
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	9
GLAND STEAM	1.0	1.0	1.0	2.0	1.0	1.0
H.P. BLEEDER	70	70	70	70	70	70
I.P. BLEEDER	6	6	6	6	6	6
L.P. BLEEDER	9"	9"	9"	10"	9"	9"
MACHINERY PARTICULARS – TEMPERATURES: STEAM AT THROTTLE	700	700	700	690	690	700
L.P. EXHAUST	113	114	114	105	110	115
CONDENSATE	110	110	112	102	106	112
CIRC. WATER IN	82	82	83	82	82	83
CIRC. WATER OUT	97	96	96	92	94	96
L.O. TO COOLERS	128	128	128	125	129	129
L.O. FROM COOLERS	110	110	110	110	110	110
TEMPERATURE THRUST BEARING	119	120	119	117	120	119
FORWARD H.P. ROTOR BEARING	126	124	124	126	124	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	141	141	138	138	138	139
FORWARD L. P. ROTOR BEARING	135	132	133	132	132	133
AFT. L.P. ROTOR BEARING	131	131	129	129	129	130
HOTTEST GEAR BEARING FORWARD	161	161	153	145	144	153
HOTTEST GEAR BEARING AFT	146	146	146	143	143	147
AUX. COND. CONDENSATE	117	120	116	112	115	117
1ST STAGE FEED WATER HEATER	165	164	164	157	160	164
D. C. FEED WATER HEATER	240	240	240	240	240	240
~~3RD STAGE FEED WATER HEATER~~ H.P. / L.P.	850 900	—	—	—		
BOILER PARTICULARS – TEMPERATURES: F.O. TO BURNERS P / S	220 / 220	220 / 220	220 / 220	220 / 220	280 / 260	260 / 260
F. O. BACK PRESSURE						
AIR TO FURNACE	5.5 / 5.6	5.5 / 6.5	5.5 / 6.5	5.0 / 5.2	6.0 / 6.5	6.0 / 6.5
SALINITY UPTAKE	.41	.41	.41	.41	.41	.41
MAIN STEAM	440	440	440	430	430	440
SUPER HEAT	700	700	700	690	680	700
F.O. TO BURNERS	190 / 190	190 / 190	190 / 190	190 / 190	190 / 190	190 / 190
F.O. TEMP. IN SETTLING TANKS	102 / 98	100 / 102	100 / 100	102 / 102	102 / 102	
PORT BOILER UPTAKE	340	335	350	385	380	360
STBD. BOILER UPTAKE	345	335	350	365	355	345
MISCELLANEOUS: ENGINE ROOM TEMPERATURE	94	94	94	93	94	96
FIRE ROOM TEMPERATURE	94	94	94	93	94	96
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	1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

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	124	114		62	850	850	235
	2	1200	440	700	7	139	128		63	800	750	235
1600 TO 2000	1	1200	440	700	9	124	114		62	750	750	235
	2	1200	440	700	7	140	130		63	800	800	235
2000 TO 2400	1	1200	440	700	9	122	112		62	700	700	235
	2	1200	440	700	7	139	127		63	700	700	235
2400 TO 0400	1	1200	430	690	9	124	112		62	750	750	235
	2	1200	430	690	7	139	129		63	700	700	235
0400 TO 0800	1	1200	430	690	9	124	112		62	750	750	235
	2	1200	430	690	7	138	128		63	700	700	235
0800 TO 1200	1	1200	440	700	9	123	112		62	750	750	235
	2	1200	440	700	7	139	127		63	750	750	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11632620
	METER PREVIOUS NOON	11614880
	CONSUMED BY METER	17740
	ON HAND AT START OF DAY	8040
	RECEIVED DURING DAY	-0-
	EXPENDED DURING DAY	710
	REMAINING ON BOARD	7330
DOMESTIC WATER	ON HAND AT START OF DAY	400
	EVAPORATED OR RECEIVED	137
	ON HAND	345
	CONSUMED	192

BOILER WATER	ON HAND AT START OF DAY	135
	EVAPORATED OR RECEIVED	49
	ON HAND	145
	CONSUMED	39
LUBE OIL	ON HAND AT START OF DAY	1970
	RECEIVED	-0-
	ON HAND	1960
	CONSUMED	10
DIESEL OIL		1155
ON HAND		1152
CONSUMED		3

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

4	4	4	4	4	4

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	11.5
DETENTION TIME	-0-	BBL FUEL/MI	1.45 1.64
TOTAL REVOLUTIONS PVC	131010	WIND DIRECTION	160°
AVERAGE R.P.M.	91.0	STATE OF SEA	3'
TOTAL MILES BY ENGINE	488	STATE OF WEATHER	83°F
TOTAL MILES BY OBSERVATION	432		

REMARKS

1200-1600 WATCH
Underway on 18 No 22 Mach Inoperation #1&2 Boilers 1&2 F.D. Blowers 1&2 F.O.S. Pumps. 1&2 Mn. F.B. Pump. Mn Air Compressor. Main Air Ejector. Mn. C.R.C. & Cond Pumps L.O. purifier. L.O.S. Pump. 1&2 Aux Generators. Aux Air Ejector. C.R.C. & Cond pumps over to Main. A.C. Unit. Fire & San. Pump. Port Steering Gear. Daily test of Mn Throt. Pumped up Port Settlers From #5 & Deep tks. Pumped Bilges. Checked Steering Er. Gear. Took a drag on #5 & DB Tk. Changed & Cleaned Center F.O. burners & Ps disch. strainers. Made Routine Rounds on Mach & Eng's Spaces. Complied with Comsts 4700.7

WATCH ENGR'S SIGNATURE- George Barney

1600-2000 WATCH
Underway 18 Nozzles machinery in operation as before Blow Tubes on Port & stbd Boilers @ 1600. Changed & Cleaned F.O. Burners & suct. strainers. Checked steering Eng. Rm. Complied with Comsts 4700.7 Pumped Bilges.

WATCH ENGR'S SIGNATURE- L. Harris

2000-2400 WATCH
Underway, Steaming 18 Noggs, Cleaned & Changed top furners #1&2 Boilers Shift & Clean F.O. Disch strainers P&S, S lift & Clean L.O. strainers #1&2 Generators, @ 2130 Shift F.O. Suct to Inboard Suction. Settler. Pumped bilges, Made Rounds & Insp of Mach & Eng. spaces Complied With Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH
Underway on 18 No 22 Mach as Before. Changed & Cleaned Center F.O. burners & Ps disch. strainers. Pumped up Port Settlers From #5 & DB. Eng's Casualty Water in F.O. @ 0105 Chief Engr. & 1st Asst Engr. Witness SAMC. Bridge Notified. Adjusted speed to meet Stm pressure. A.C. Unit Fail to trip out when power failure. Secure #2 Main Feed Corrected Loose Nut on #3 Plunger. Checked Steering Er. Gear. Pumped Bilges. Made Routine Rounds on Mach & Eng's Spaces. Complied with Standing orders & Comsts 4700.7

WATCH ENGR'S SIGNATURE- George Barney

0400-0800 WATCH
Underway 18 No 22 Nozzles machinery in operation as before. Changed & Cleaned F.O. Burners & suct. strainers. Eng. Casualty Water in F.O. Adjusted speed to meet Stm. Pressure. Pumped F.O. from #6 DB. To Inboard Sett. Complied with Comsts 4700.7. Pumped Bilges. Checked Steering Eng. Room

WATCH ENGR'S SIGNATURE- L. Harris

0800-1200 WATCH
Underway, Steaming 18 Noggs, 0800 to 0830 flow tubes #1&2 Boilers Shift & Clean F.O. Disch strainers P&S, Shift & Clean L.O. strainers #1&2 Gens Cleaned & Changed top burners #1&2 Boilers, Made Rounds & Insp of Mach & Eng spaces. Pumped bilges, Complied With Comsts 4700-7 @ 1116 Port Steering motor failure, Casualty, Bridge Notified @1116 Stby @ 1127 HH @ 1145 Stby @ 1145-Slow 20 Rpm. @ 1151 HH 18 No 22

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS 1466	HOURS 365
AKL 11.10	AKL 4.34
T-AKL 15.18	T-AKL 13.43
SAL. 4.14	SAL. 4.14
PHOS. 40	PHOS. 40
R.ph 11	R.ph 10
SO 340	35
PH. COND 8.0	

CHIEF ENGR'S SIGNATURE- Truett Clem

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	8-A	NSC Oakland Calif	Subic Bay P.I.	P2-S2-R2	4-25-26-67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	260	260	260	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	2733 5400	2735 8400	2738 3770	2740 8600	2743 4100	2745 7460
TOTAL REVOLUTIONS (FOR WATCH)	22770	23000	25370	25630	25300	23360
AVERAGE RPM	94.9	95.8	97.5	96.0	97.3	97.3
F.O. METER (END OF WATCH)	1163 5790	1163 8830	1164 2070	1164 5390	1164 8550	1165 1430
F.O. CONSUMED	3170	3040	3240	3320	3160	2880
MACHINERY PARTICULARS — PRESSURES: THROTTLE	435	435	440	440	440	440
H.P. AHEAD	435	435	440	440	440	440
L.P. AHEAD	27	27	28	28	28	28
VACUUM	27.2"	27.3	27.5	27.5"	27.4"	28
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	9
GLAND STEAM	1.0	1.0	1.0	1.0	1.0	1.0
H.P. BLEEDER	72	70	70	70	70	70
I.P. BLEEDER	6	6	6	6	6	6
L.P. BLEEDER	9"	9"	9"	9	9"	9"
TEMPERATURES: STEAM AT THROTTLE	685	700	690	695	700	705
L.P. EXHAUST	115	115	[illegible]	115	115	114
CONDENSATE	110	110	114	111	110	109
CIRC. WATER IN	83	~~85~~ 84 LH	84	84	83	81
CIRC. WATER OUT	98	96	98	98	98	95
L.O. TO COOLERS	128	128	128	128	128	128
L.O. FROM COOLERS	110	110	110	110	110	110
TEMPERATURE THRUST BEARING	119	120	118	118	120	118
FORWARD H.P. ROTOR BEARING	127	125	124	127	124	124
MACHINERY PARTICULARS (CONT'D) — TEMPERATURES (CONT'D): AFT. H. P. ROTOR BEARING	140	141	139	141	142	138
FORWARD L. P. ROTOR BEARING	135	135	133	134	134	132
AFT. L.P. ROTOR BEARING	131	131	128	130	130	129
HOTTEST GEAR BEARING FORWARD	153	154	153	153	152	152
HOTTEST GEAR BEARING AFT	147	150	145	147	148	145
AUX. COND. CONDENSATE	118	120	118	118	120	116
1ST STAGE FEED WATER HEATER	164	164	166	164	165	164
D. C. FEED WATER HEATER	240	240	240	240	240	240
~~3RD STAGE FEED WATER HEATER~~ H.P. / L.P.	150 / 160	—	—	—	—	—
BOILER PARTICULARS — TEMPERATURES: F.O. TO BURNERS P / S	250 / 250	260 / 260	250 / 250	240 / 240	240 / 240	240 / 240
F. O. BACK PRESSURE						
AIR TO FURNACE	5.0 / 5.5	5.6 / 6.8	6.0 / 6.5	6.0 / 6.4	5.6 / 6.5	5.6 / 6.2
~~UPTAKE~~ SALINITY	.41	.41	.41	.41	.41	.41
PRESSURES: MAIN STEAM	435	435	440	440	440	440
SUPER HEAT	685	700	690	695	700	705
F.O. TO BURNERS	190 / 190	190 / 190	190 / 190	190 / 190	190 / 190	190 / 190
F.O. TEMP. IN SETTLING TANKS	105 / 105	105 / 105	105 / 105	107 / 110	110 / 115	110 / 115
PORT BOILER UPTAKE	350	350	375	375	370	335
STBD. BOILER UPTAKE	350	345	345	350	350	335
MISCELLANEOUS: ENGINE ROOM TEMPERATURE	97	96	96	96	96	98
FIRE ROOM TEMPERATURE	97	96	96	96	96	98
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	1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

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	435	685	9	125	114		62	800	800	235
	2	1200	435	685	7	140	139		63	850	850	235
1600 TO 2000	1	1200	435	700	9	124	115		62	800	800	235
	2	1200	435	700	7	140	130		63	900	800	235
2000 TO 2400	1	1200	440	690	9	124	114		62	750	750	235
	2	1200	440	690	7	140	128		63	750	750	235
2400 TO 0400	1	1200	440	695	9	125	115		62	750	700	235
	2	1200	440	695	7	140	129		65	800	800	235
0400 TO 0800	1	1200	440	700	9	124	115		62	750	750	235
	2	1200	440	700	7	140	128		63	750	750	235
0800 TO 1200	1	1200	440	705	9	122	112		62	700	700	235
	2	1200	440	705	7	138	128		63	700	700	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1165/1430	BOILER WATER: ON HAND AT START OF DAY	145
	METER PREVIOUS NOON	1163/2620	EVAPORATED OR RECEIVED	38
	CONSUMED BY METER	18810	ON HAND	130
	ON HAND AT START OF DAY	7,330	CONSUMED	43
	RECEIVED DURING DAY	~~732~~	LUBE OIL: ON HAND AT START OF DAY	1960
	EXPENDED DURING DAY	732	RECEIVED	-0-
	REMAINING ON BOARD	6,598	ON HAND	1950
DOMESTIC WATER	ON HAND AT START OF DAY	345	CONSUMED	10
	EVAPORATED OR RECEIVED	144	DIESEL OIL	1152
	ON HAND	260	ON HAND	1150
	CONSUMED	229	CONSUMED	2

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

4	4	4 1/3	4 1/3	4 1/3	4

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 1/3	4 1/3	4 1/3	4

SUMMARY

RUNNING TIME	1500	PERCENT OF SLIP	Pos. 9.16
DETENTION TIME	-0-	BBL FUEL/MI	1.48 / 1.53
TOTAL REVOLUTIONS AVG.	140,545	WIND DIRECTION	090°
AVERAGE R.P.M.	93.6	STATE OF SEA	Smooth
TOTAL MILES BY ENGINE	524	STATE OF WEATHER	80°
TOTAL MILES BY OBSERVATION	476		

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ MACH INOPERATION #1&2 Boilers 1&2 F.D. Blowers 1&2 F.O.S. PUMPS. 1&2 MN. F.W. pumps. MAIN AIR COMPRESSOR. MN A.R. Ejector. MN C.R.C. & Cond. pumps. L.O. purifier. L.O.S. PUMP. 1&2 AUX GENERATORS. AUX AIR Ejector & C.R.C. & Cond PUMPS ~~OVER~~ to MAIN. A.C. UNIT. F.R.C. SAX PUMP. PORT STEERING GEAR. DAILY test of MN THRUST. PUMPED up port SETTLERS FROM #6 & DB. Changed Cleaned CENTER F.O. BURNERS & P/S disch STRAINERS. PUMPED BILGES. Checked steering F.R. GEAR. Made Routine Rounds ON MACH & ENG'S SPACES. Complied with COMSTS INST 4700.7

WATCH ENGR'S SIGNATURE- Henry Bunny

1600-2000 WATCH

Underway 18 NOZZles machinery Inoperation AS Before Blow Tubes on Port & stbd. Boilers. @ 1600. Changed & Cleaned F.O. Burners & Suct. strainer. Pump F.O. sett. from #6 DB. Stbd. F.O. TK. Complied with Comsts 4700.7. Checked steering Eng. Room Pumped Bilges.

WATCH ENGR'S SIGNATURE- L. Harris

2000-2400 WATCH

Underway, Steaming 18 Nozz, Cleaned + Changed top furnes #1 & 2 Boilers Shift & Clean F.O. Disch strainers P+S, Shift + Clean L.O. strainers #1+2 Generators. Retarded Ships Clock 20 Minutes @ 2255, Pumped bilges Made Rounds + Insp of Mach + Eng spaces Complied with Comsts Inst. 4700-7 — Tow Down bilge priming pump. —

WATCH ENGR'S SIGNATURE- R Summers.

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS Before Changed + Cleaned Center F.O. burners + P/S disch STRAINERS. INSPected + CLEANED MAIN L.O. disch STRAINERS. DAILY test of stby L.O. PUMP. RETARDED CLOCKS 20 MINS @ 0100. PUMPED up PORT SETTLERS FROM #7 & DB. Checked STEERING F.R. GEAR. PUMPED BILGES. Made Routine ROUNDS ON MACH + ENGS SPACES. Complied COMSTS INST 4700.7

WATCH ENGR'S SIGNATURE- Henry Bunny

0400-0800 WATCH

Underway 18 NOZZles machinery Inoperation AS Before Changed + Cleaned F.O. Burners & suct. Strainer. Retarded Clock 20 min @ 0500. Checked Steering Eng. Room. Complied with Comsts 4700.7 Pumped Bilges.

WATCH ENGR'S SIGNATURE- L. Harris

0800-1200 WATCH

Underway, Steaming 18 Nozz, 0800 to 0830 Blew tubes on #1+2 Boilers Shift + Clean F.O. Disch strainers P+S. Shift + Clean L.O. strainers #1+2 Gen Changed + Cleaned top furnes #1+2 Boilers pumped bilges, Made Rounds + Insp of Mach + Eng. spaces. @ 0953 Secured special sea Detail, Complied With Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

1200-1600 Cont. Fire drill @ 1515 Sec @ 1524 Tested Relief valves on Fire pumps peped at 125# PSI Stby @ 1515 ~~Lit~~ @ 1524 Abandon Ship drill @ 1528 Sec @ 1531. UNable to START Fwd Diesel FIRE PUMP.

BOILER WATER READINGS

STB'D	PORT
HOURS 1487	HOURS 390
AKL 11.10	AKL 9.34
T-AKL 13.18	T-AKL 12.85
SAL. 4.56	SAL. 4.56
PHOS. 30	PHOS. 30
R.ph 11	R.ph 10
SO3 40	35
PH. COND. 8.0	

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE-TAPELLO	8-A	NSC OAKLAND CALIF	Subic Bay P.I.	P2-S2-R2	4-26-27-67

	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		
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	2747 9650	2750 1240	2751 8440	2753 3930		
TOTAL REVOLUTIONS (FOR WATCH)	22190	22610	16700	15490		
AVERAGE RPM	92.4	92.0	69.5	64.5		
F.O. METER (END OF WATCH)	1165 4480	1165 7370	1165 9140	1166 0700	1166 1720	1166 2490
F.O. CONSUMED	3050	2890	1770	1560	1020	770
MACHINERY PARTICULARS – PRESSURES – THROTTLE	435	440	440	440		
H.P. AHEAD	435	440	280	220		
L.P. AHEAD	22	23	—	-5		
VACUUM	27.4"	27.4"	28.0	28.0	28.0"	27.8
L.O. TO TURBINES	12	12	12	12	13	13
AUX. STEAM	150	150	150	150	152	150
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	1.0	1.0	2.0	2.5	2.0	2.0
H.P. BLEEDER	70	70	—	—		
I.P. BLEEDER	6	6	—	—		
L.P. BLEEDER	10		—	—		
TEMPERATURES – STEAM AT THROTTLE	700	705	670	620	~~610~~	
L.P. EXHAUST	115	115	98	100		105
CONDENSATE	111	110	95	97		97
CIRC. WATER IN	85	84	83	84	84	86
CIRC. WATER OUT	100	99	88	89		90
L.O. TO COOLERS	128	127	122	122		121
L.O. FROM COOLERS	110	110	110	110		110
TEMPERATURE THRUST BEARING	118	118	116	115		
FORWARD H.P. ROTOR BEARING	126	124	122	123		

	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	141	142	130	131		
FORWARD L. P. ROTOR BEARING	132	133	126	127		
AFT. L.P. ROTOR BEARING	130	130	124	125		
HOTTEST GEAR BEARING FORWARD	150	158	130	135		
HOTTEST GEAR BEARING AFT	146	146	133	135		
AUX. COND. CONDENSATE	118	121	112	115		120
1ST STAGE FEED WATER HEATER	165	164	148	110		106
D. C. FEED WATER HEATER	240	240	240	240	240	240
3RD ~~STAGE FEED~~ WATER HEATER HP / LP	050 / 100	—	—	—		
BOILER PARTICULARS – TEMPERATURES – F.O. TO BURNERS 1" / 3"	246 / 240	230 / 230	180 / 180	230 / 230	160 / 160	160 / 160
F. O. BACK PRESSURE						
AIR TO FURNACE	5.5 / 6.0	3.0 / 1.0	4.0 / 4.0	2.0 / 2.0	1.0 / 1.0	1.0 / 1.0
~~UPTAKE~~ SOLINITY	.41	.41	.41	.41	.41	.41
MAIN STEAM	435	440	440	440	440	440
PRESSURES – SUPER HEAT	700	705	670	620	610	610
F.O. TO BURNERS	190 / 190	190 / 190	190	190 / 190	190 / 190	190 / 190
F.O. TEMP. IN SETTLING TANKS	108 / 110	110 / 120	110 / 115	110 / 110	110 / 105	105 / 115
PORT BOILER UPTAKE	343	335	360	355	275	280
STBD. BOILER UPTAKE	337	355	300	300	275	280
MISCELLANEOUS – ENGINE ROOM TEMPERATURE	97	97	95	94	81	99
FIRE ROOM TEMPERATURE	98	97	95	94	81	99
NOZZLES IN USE	16	16	—	Thrown		—
NO. OF BURNERS IN USE	6	6	4	"	2	2
BURNER TIP SIZE	53/70	53/70 51/55	53/70 51/55	53/70 51/55	51/55	51/55
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"	1'0"	1'0"	1'0"

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	435	700	9	126	116		62	850	850	235
	2	1200	435	700	7	142	132		63	800	750	235
1600 TO 2000	1	1200	440	705	9	125	115		62	650	650	235
	2	1202	440	705	7	140	130		63	700	700	235
2000 TO 2400	1	1200	440	670	9	120	110		62	650	650	235
	2	1200	440	670	7	139	126		63	650	650	235
2400 TO 0400	1	1200	440	620	9	123	113		62	700	700	235
	2	1200	440	620	7	139	129		63	700	700	235
0400 TO 0800	1	1200	440	610	9	125	110		62	600	600	235
	2	1200	440	610	7	136	120		63	600	600	235
0800 TO 1200	1	1200	440	610	9	123	112		62	750	750	235
	2	1200	440	610	7	138	128		63	750	750	235

FUEL - WATER AND LUBE OIL

FUEL OIL – METER AT NOON	11662440	
FUEL OIL – METER PREVIOUS NOON	11651430	
FUEL OIL – CONSUMED BY METER	11,010	
FUEL OIL – ON HAND AT START OF DAY	6,558	
FUEL OIL – RECEIVED DURING DAY	11,023	
FUEL OIL – EXPENDED DURING DAY	448	
FUEL OIL – REMAINING ON BOARD	17,173	
DOMESTIC WATER – ON HAND AT START OF DAY	260	
DOMESTIC WATER – EVAPORATED OR RECEIVED	823	
DOMESTIC WATER – ON HAND	843	
DOMESTIC WATER – CONSUMED	240	
BOILER WATER – ON HAND AT START OF DAY	130	
BOILER WATER – EVAPORATED OR RECEIVED	66	
BOILER WATER – ON HAND	145	
BOILER WATER – CONSUMED	51	
LUBE OIL – ON HAND AT START OF DAY	1950	
LUBE OIL – RECEIVED	-0-	
LUBE OIL – ON HAND	1945	
LUBE OIL – CONSUMED	05	
DIESEL OIL	1150	
ON HAND	1147	
CONSUMED	3	

LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)					
4	4	4	4	4	4

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	990	PERCENT OF SLIP	
DETENTION TIME	-0-	BBL FUEL/MI	
TOTAL REVOLUTIONS	78,080	WIND DIRECTION	
AVERAGE R.P.M.	78.9	STATE OF SEA	
TOTAL MILES BY ENGINE	291	STATE OF WEATHER	
TOTAL MILES BY OBSERVATION			

REMARKS

1200-1600 WATCH

Underway Reduced Speed to 16 Nozz @ 1200 B/o Bridge. Mach Inoperation #1 & 2 Boilers. 1 & 2 F.D. Blowers. 1 & 2 F.O.S. pumps. 1 & 2 MN. F.P. pumps. MN Air Compressor. MN Air Ejector. MN. Circ & Cond pumps. Lo. purifier. L.O.S. pump. 1 & 2 Aux Generators. Aux Air Ejector. Circ & Cond. Pumps. X over to Main. F.W. & San Pump. A.C. Unit. Port Steering Gear. Daily test of MN Thrust. Checked Steering ER. Gear. Pumped Bilges. Pumped up Port Settlers From #7 & A.B. & #5 P & Ts. Changed & Cleaned Center F.O. burners & Fo disch strainers. Made Routine Rounds on Mach & Engs Spaces. Complied With Comsts Inst 4700.7

WATCH ENGR'S SIGNATURE- George Bussey

1600-2000 WATCH

Underway 16 Nozzles machinery Inoperation As Below: Blow Tubes on Port & stbd. Boilers @ 1600. Changed & Cleaned F.O. Burners & Shift strainers. Checked Steering Eng. Rm. Complied with Comsts. 4700.7. Pumped Bilges. Reduced Speed from 16 Nozzles To 72 RPM @ 1930 B/o Bridge.

WATCH ENGR'S SIGNATURE- L. Harris

2000-2400 WATCH

Underway, Steaming 72 RPM, @ 0815 split plant, put #1 Aux air ejector in operation, Aux Circulator, Aux Cond pump, Shift & Clean F.O. disch strainers, Shift & Clean L.O. strainers #1 & 2 Turbo Generators.
Pumped bilges, Made Rounds & Insp of mach & Eng. spaces.
Complied With Comsts Inst. 4700-7

WATCH ENGR'S SIGNATURE- R. Summers.

2400-0400 WATCH

Underway on 16 Nozz 72 RPM Changed & Cleaned Center F.O. burners & disch strainers. Inspected & Cleaned Main L.O. disch strainers. Daily test of Stby L.O. Pump. Reduced speed to 62 RPM B/o Bridge @ 0100. Pumped up Port Settlers From #5-S A.B. Held Engs Casualty drill B.20 - Stack up take Fire. Watch Inst. & Bridge notified. Also Flushed & Pumped E.R. Bilges. Checked Steering Fr. Gear. Made Routine Rounds on Mach. & Engs Spaces. Added 1 Gal L.O. each to #1 & 2 MN F.P. pumps. Complied with Comsts 4700.7

WATCH ENGR'S SIGNATURE- George Bussey

0400-0800 WATCH

Underway 10 Nozzles 62 RPM. Stby @ 0400. Steering Eng manual. Arrival @ 0430. CTR. 2753610 Form. P-7518060 S-4142940. Bells As Per Bell Book. F.W.K. @ 0535 CTR. 2753870 Form. P-7518280 S-4143280. Sec. Stm. To Mn. unit @ 0537 Same on Evaporator @ 0538. Lit. off M.U.F. @ 0600.

WATCH ENGR'S SIGNATURE- L. Harris

0800-1200 WATCH

In port, Subic Bay P.I. Shift & Clean F.O. Disch strainers P & S. Shift & Clean L.O. strainers #1 & 2 Generators. Made Rounds & Insp of Mach & Eng spaces. Comp with Comsts Inst 4700-7
- Refueling Ship -

Oiler-Owen F/W & towards Refer-Marine.

WATCH ENGR'S SIGNATURE- R. Summers.

CHIEF ENGINEER

Received 11,023 BBLS N.S.F.O. Subic Bay P.I.

BOILER WATER READINGS

STB'D	PORT
HOURS 1513	HOURS 414
AKL 11.10	AKL 9.34
T-AKL 15.18	T-AKL 12.85
SAL. 4.56	SAL. 4.56
PHOS. 30	PHOS. 30
R.ph #1	R.ph 10
SO3 40	35
Ph Cond. 8.0	

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope-TAP-116		Subic Bay P.I.	Guiuhan	P2-S2-R2	4-27-2867

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		172	240	240	240	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)		2755 7280	2758 0620	2760 3680	2762 6710	2769 9950
TOTAL REVOLUTIONS (FOR WATCH)		15490	23340	23060	23030	23240
AVERAGE RPM		92.7	97.2	96.1	96.0	96.8
F.O. METER (END OF WATCH)	1166 3300	1166 6950	1166 9120	1167 2220	1167 5160	1167 8210
F.O. CONSUMED	860	3650	2170	3100	2940	3050
MACHINERY PARTICULARS — PRESSURES — THROTTLE	440	440	440	440	440	440
H.P. AHEAD		440	440	440	440	440
L.P. AHEAD		28	28	28	28	28
VACUUM	28.5"	27.8	27.5	27.8	28.0"	28.0
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	9
GLAND STEAM	2.0	1.0	1.0	1.0	1.0	1.0
H.P. BLEEDER	—	70	70	70	70	70
I.P. BLEEDER	—	6	6	6	6	6
L.P. BLEEDER	—	9"	9"	9	9"	9"
TEMPERATURES — STEAM AT THROTTLE		700	695	685	690	695
L.P. EXHAUST	120	116	116	115	115	117
CONDENSATE	105	110	113	112	111	114
CIRC. WATER IN	89	88	88	87	87	90
CIRC. WATER OUT	99	96	98	98	99	98
L.O. TO COOLERS	112		129	128	127	129
L.O. FROM COOLERS	110		110	110	110	110
TEMPERATURE THRUST BEARING	—		120	118	118	120
FORWARD H.P. ROTOR BEARING	—		125	125	124	124

	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	—		139	139	141	139
FORWARD L. P. ROTOR BEARING	—		133	133	131	134
AFT. L.P. ROTOR BEARING	—		130	130	131	131
HOTTEST GEAR BEARING FORWARD	—		152	152	151	153
HOTTEST GEAR BEARING AFT	—		146	146	147	147
AUX. COND. CONDENSATE	—	115	118	118	120	118
1ST STAGE FEED WATER HEATER	—		166	166	168	166
D. C. FEED WATER HEATER	240	240	240	240	240	240
3RD ~~STAGE FEED~~ WATER HEATER						
BOILER PARTICULARS — TEMPERATURES — F.O. TO BURNERS P/S	220/220	220/250	260/250	260/250	240/240	220/220
F. O. BACK PRESSURE			12	12		12
AIR TO FURNACE	2.0/2.0	6.0/6.0	6.0/6.2	6.0/6.2	6.0/6.5	6.0/6.5
UPTAKE	.41	.41	.41	.41	.41	.41
MAIN STEAM	440	440	440	440	440	440
BOILER PARTICULARS — PRESSURES — SUPER HEAT		685	695	685	690	695
F.O. TO BURNERS	190/190	190/190	190/190	190/190	190/190	190/190
F.O. TEMP. IN SETTLING TANKS	105/115	105/115	110/115	110/115	115/120	115/120
PORT BOILER UPTAKE	340	340	345	345	355	340
STBD. BOILER UPTAKE	335	340	345	345	355	330
MISCELLANEOUS — ENGINE ROOM TEMPERATURE	102	98	98	98	96	99
FIRE ROOM TEMPERATURE	102	98	98	98	96	99
NOZZLES IN USE		18	18	18	18	18
NO. OF BURNERS IN USE	~~4~~ 2	6	6	6	6	6
BURNER TIP SIZE	5/55	5/55	5/55	5/55	5/55	5/55
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

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	620	9	125	115		62	700	700	235
	2	1200	440	620	7	140	130		63	750	750	235
1600 TO 2000	1	1200	440	700	9	124	112		62	750	750	235
	2	1200	440	700	7	140	128		63	750	750	235
2000 TO 2400	1	1200	440	695	9	124	113		62	750	750	235
	2	1200	440	695	7	140	129		63	750	750	235
2400 TO 0400	1	1200	440	685	9	125	115		62	800	800	235
	2	1200	440	685	7	141	131		63	850	800	235
0400 TO 0800	1	1200	440	690	9	124	115		62	800	800	235
	2	1200	440	690	7	140	124		63	700	700	235
0800 TO 1200	1	1200	440	695	9	124	114		62	750	750	235
	2	1200	440	695	7	140	128		63	750	750	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1167821.0	BOILER WATER — ON HAND AT START OF DAY	145
	METER PREVIOUS NOON	1166244.0	EVAPORATED OR RECEIVED	45
	CONSUMED BY METER	15770	ON HAND	143
	ON HAND AT START OF DAY	17173	CONSUMED	47
	RECEIVED DURING DAY	-0-	LUBE OIL — ON HAND AT START OF DAY	1945
	EXPENDED DURING DAY	600	RECEIVED	-0-
	REMAINING ON BOARD	16573	ON HAND	1935
DOMESTIC WATER	ON HAND AT START OF DAY	843	CONSUMED	10
	EVAPORATED OR RECEIVED	417	DIESEL OIL	1147
	ON HAND	950	ON HAND	1140
	CONSUMED	310	CONSUMED	7

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

4	4	4	4	4	4

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	1152	PERCENT OF SLIP	Pos. 9.4
DETENTION TIME	-0-	BBL FUEL/MI	1.40 1.54
TOTAL REVOLUTIONS	105475	WIND DIRECTION	070°
AVERAGE R.P.M.	93.2	STATE OF SEA	1'
TOTAL MILES BY ENGINE	393	STATE OF WEATHER	86°
TOTAL MILES BY OBSERVATION	356		

REMARKS

1200-1600 WATCH

Port Watch Mach Inoperation #1+2 B. Lubs 1+2 F.D. Blowers. 1+2 Feed Pumps 1+2 MN Feed pmps. MAIN A.R Comp. MN A.R Ejector. MN Circ+ Cond pumps. L.O. Purifier Lub. pump. A.C. Unit. Fire+San Pump. 1+2 Aux Generators. Aux A.R Ejector. Aux Circ+Cond pumps. Main unit on Jacking Gear With vacum up. Secured Fueling Ship @ Secured taking on Fdw. @1410 Time Check @1434. Wheel Clearance @1458 Disengaged Jacking Gear @1459 Open MS+B.S. @1501 Started Warming up MN Unit @1503 Tested Telegraph 1505. Stby @1537 FOM-7519310-5-4143970-CR-2753842C Made Routine Rounds on Mach+ Eng's Spaces Complied With Comsts 4700.7

WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH

Machinery Inspection As Before Dept. 1648. @ CR. 2753842C Fom P-7519580 5-4144290. Bells As Per Bell Book Spoed 16 Nozzles. Checked Steering Eng. Room. Complied with Comsts. 4700.7 Pumped Bilges Secd M.U.F. Evap @ 1600.

WATCH ENGR'S SIGNATURE- L. Harris

2000-2400 WATCH

Underway, Steaming 18 Nozz, Cleaned + Changed top burners #1+2 Boilers Shift + Clean F.O. Disch. strainers P+S., Shift + Clean L.O. strainers #1+2 turbo Generators, Made Rounds + Insp of Mach + Eng. spaces pumped bilges, Complied With Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS BEFORE. Changed + CLEANED CENTER F.O. BURNERS + P/S disch STRAINERS. Pumped up PORT SETTLERS FROM #5 P/S LB TK. INSPECTED + CLEANED MAIN L.O. disch. STRAINERS. POWER FAILURE to #2 EVAP BRINE PUMP @ 0030 CALLED out Elect P/S C/E REPAIRS COMPLETED + BACK IN SERVICE @ 0100 DAILY test of stby L.O. pump PUMPED BILGES. CHECKED STEERING E.R. GEAR. MADE ROUTINE ROUNDS ON MACH + ENGS SPACES COMPLIED WITH COMSTS INST 4700.7

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH

underway 18 Nozzles machinery Inspection As Before Changed + Cleaned F.O. Burners + suct. strainers. Checked Steering Eng. Rm. Complied with Comsts 4700.7 Pumped Bilges. Changed Spare Burner BARREL.

WATCH ENGR'S SIGNATURE- L. Harris

0800-1200 WATCH

Underway, Steaming 18 Nozz, 0800 to 0830 Blew tufes on #1+2 Boilers Shift + Clean F.O. Disch strainers, Shift + Clean L.O. strainers #1+2 turbo Generators, Cleaned + Changed tops burners #1+2 Boilers, 0830 shift F.O. section to Inboard settler, Made Rounds + Insp of Mach + Eng spaces, Complied With Comsts Inst 4700-7 Pumped Bilges.

Chemical Test on all Feed Tanks - OK. .41 PPM BURN

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER WATER READINGS

STB'D		PORT	
HOURS	1537	HOURS	439
AKL	11.10	AKL	9.34
T-AKL	15.18	T-AKL	12.85
SAL.	45C	SAL.	45C
PHOS.	30	PHOS.	30
R.ph	11	R.ph	10
SO_3	35		30
Ph. Acid	5.0		

CHIEF ENGR'S SIGNATURE- Truitt Eaton

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John POPE TAPLIN	8-B	Subic BAY P.I.	Qui NHON VietNAM	P2-S2-R2	4-28-29-67

	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	140	
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	2767 3160	2769 6250	2771 8740	2773 3040	2774 2590	
TOTAL REVOLUTIONS (FOR WATCH)	23210	23090	22490	14900	8950	
AVERAGE RPM	96.7	96.2	93.7	62.0	63.9	
F.O. METER (END OF WATCH)	1128 1260	1168 4110	1168 6830	1168 8360	1165 9640	1169 0470
F.O. CONSUMED	3050	2850	2720	1530	1280	830
MACHINERY PARTICULARS – PRESSURES: THROTTLE	440	440	440	435		
H.P. AHEAD	440	440	440	435		
L.P. AHEAD	28	28	28	-8		
VACUUM	27.8"	27.8"	27.5	28.2"	28.5"	28.0
L.O. TO TURBINES	12	12	12	12	13	13
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	1.0	1.0	1.0	1.0	1.0	1.0
H.P. BLEEDER	70	70	70	—		
I.P. BLEEDER	6	6	6	—		
L.P. BLEEDER	9	9"	9"	—		
TEMPERATURES: STEAM AT THROTTLE	700	700	700	600	610	
L.P. EXHAUST	115	116	114	102		125
CONDENSATE	112	112	111	94	91	94
CIRC. WATER IN	87	87	86	85	82	80
CIRC. WATER OUT	99	100	96	90	82	84
L.O. TO COOLERS	128	128	127	128	110	110
L.O. FROM COOLERS	110	110	110	110	108	108
TEMPERATURE THRUST BEARING	118	120	118	115		
FORWARD H.P. ROTOR BEARING	128	124	123	122		

	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	141	141	137	127		
FORWARD L. P. ROTOR BEARING	135	135	132	125		
AFT. L.P. ROTOR BEARING	132	132	128	122		
HOTTEST GEAR BEARING FORWARD	153	151	149	126		
HOTTEST GEAR BEARING AFT	148	149	144	126		
AUX. COND. CONDENSATE	120	120	116	115	110	110
1ST STAGE FEED WATER HEATER	166	165	162	103	100	106
D. C. FEED WATER HEATER	240	240	240	240	240	240
~~3RD STAGE FEED WATER HEATER~~ 1ST STAGE H.P.	.050	—	—	—		
1ST STAGE L.P.	.100					
BOILER PARTICULARS – PRESSURES: F.O. TO BURNERS P	210	210	190	190	120	100
S	210	210	190	185	120	140
F. O. BACK PRESSURE						
AIR TO FURNACE	6.0 6.2	6.0 6.5	5.0 5.5	2.0 2.0	1.0 1.0	1.0 1.0
SALINITY UPTAKE	.41	.41	.41	.41	.41	.41
MAIN STEAM	440	440	440	435	430	430
TEMPERATURES: SUPER HEAT	700	700	700	600	610	600
F.O. TO BURNERS	190 190	190 190	190 190	190 190	190 190	190 190
F.O. TEMP. IN SETTLING TANKS	113 119	112 120	110 120	112 115	100 120	110 120
PORT BOILER UPTAKE	345	335	330	300	280	280
STBD. BOILER UPTAKE	342	325	330	290	290	310
MISCELLANEOUS: ENGINE ROOM TEMPERATURE	100	98	97	94	92	94
FIRE ROOM TEMPERATURE	100	98	97	94	92	94
NOZZLES IN USE	18	18	16	Throtl		
NO. OF BURNERS IN USE	6	6	6	4	2	2
BURNER TIP SIZE	51/55	51/55	51/55	51/55 50/60	51/55	51/55
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

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	126	116		62	750	750	235
	2	1200	440	700	7	141	131		63	850	850	235
1600 TO 2000	1	1200	440	700	9	125	115		62	750	750	235
	2	1200	440	700	7	140	130		63	750	750	235
2000 TO 2400	1	1200	440	700	9	123	113		62	750	750	235
	2	1200	440	700	7	140	128		63	750	750	235
2400 TO 0400	1	1200	435	600	9	123	112		62	700	700	235
	2	1200	435	600	7	139	128		63	650	650	235
0400 TO 0800	1	1200	430	610	9	120	110		62	650	650	235
	2	1200	430	610	7	136	126		63	700	700	235
0800 TO 1200	1	1200	430		9				62	750	750	235
	2	1200	430		7				63	750	750	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1169470	BOILER WATER: ON HAND AT START OF DAY	143
	METER PREVIOUS NOON	1167210	EVAPORATED OR RECEIVED	37
	CONSUMED BY METER	12260	ON HAND	146
	ON HAND AT START OF DAY	16,573	CONSUMED	34
	RECEIVED DURING DAY	-0-	LUBE OIL: ON HAND AT START OF DAY	1935
	EXPENDED DURING DAY	496	RECEIVED	-0-
	REMAINING ON BOARD	16,077	ON HAND	1930
DOMESTIC WATER	ON HAND AT START OF DAY	950	CONSUMED	5
	EVAPORATED OR RECEIVED	135	DIESEL OIL	1140
	ON HAND	904	ON HAND	1137
	CONSUMED	181	CONSUMED	3

LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)					
4	4	4	4	4	4

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	3½	4	4

SUMMARY

RUNNING TIME	1100	PERCENT OF SLIP	
DETENTION TIME	-0-	BBL FUEL/MI	
TOTAL REVOLUTIONS AVG.	88990	WIND DIRECTION	
AVERAGE R.P.M.	81.8	STATE OF SEA	
TOTAL MILES BY ENGINE	335	STATE OF WEATHER	
TOTAL MILES BY OBSERVATION			

REMARKS

1200-1600 WATCH

UNderway on 18 Nozz Mach Inoperation #1+2 Boilers 1+2 Fd. Blowers 1+2 F.O.S. Pumps. 1+2 Main F.W. pumps. Main Air Ejector. MN Circ+ Cond Pumps L.O. purifier L.O.S. pump. MN Air Compressor. 1+2 Aux Generators. Aux Circ. Pump. Aux Air Ejector + Cond. pump ~~over~~ to Main. A.C. unit Fire & San Pump. Port Steering Gear. Daily test of Main Throttle. Pumped up Port settlers From #5 P/S DB Tks. Secured A.C. unit @1245 Do to power Failure. back on the Line @1255. Changed + Cleaned Center F.O. burners + P/S disch strainers. Pumped Bilges. Checked steering E.R. Gear. Made Routine Rounds on Mach + Eng's Spaces. Complied with Comsts Inst 4700.7

WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH

Underway 18 Nozzles machinery Inoperation As Before Blow Tubes on Port + stbd. Boilers @ 1600. Changed + Cleaned F.O. Burners + Suct. Strainers. Complied with Comsts 4700.7 Pumped Bilges. Checked Steering Eng. Disassemble Two Spare Burners checked + Repacked same

WATCH ENGR'S SIGNATURE- L. Harris

2000-2400 WATCH

Underway, Steaming 18 Nozz, @ 2000 Reduced Speed to 16 Nozz B/B. Cleaned + Changed top burners # 1+2 Boilers, Shift + Clean 70 Disch strainers P+S, Shift + Clean L.O. Strainers # 1+2 Generators. Made Rounds + Insp of Mach + Eng spaces, Pumped bilges, Complied With Comsts Inst. 4700-7

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH

UNderway Reduced Speed to 60 RPM 10 Nozz @0000 B/B Bridge Mach. AS Before. Changed + Cleaned center F.O. burners P/S disch. Strainers. Inspected + Cleaned Main L.O. Strainers. Daily test of stby L.O. pump. Secured L.O. purifier @0100 Cleaned + back in service @0130 Pumped up Port settlers From #9 C DB F.O. Tk. Checked Steering E.R. Gear. Pumped Bilges. Made Routine Rounds on Mach. + Eng's Spaces. Complied With Comsts Inst 4700.7

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH

underway 60 RPM Increased speed To 72 RPM @ 0542 B/B Bridge machinery As Before STBY @ 0556 Arrival @ 0600 ATV. 27742590 Form P- 7532850 S- 4156370 Bells As Per Bell Book Maneuvering To Anchor F.W.F. @ 0652 ATV. 27744420 Form. P- 7537980 S- 4156480. Sec. stm. To main unit @ 0652 same on Tackle 6220 @ 0653. Rotor Clearance Astern L.P. .090 H.P. .040.

WATCH ENGR'S SIGNATURE- L. Harris

0800-1200 WATCH

At Anchor, Qui Nhon, @0845 Secured Air Cond Unit for Repairs 0905 A.C. unit Back in Service. Cleaned + Chan F.O. Disch Strainers P+S. Shift + Clean L.O. Strainers #1+2 Generator. Pumped bilges Made Rounds + Insp of Mach + Eng spaces, Complied With Comsts Inst 4700-7

Oular Lovell, F/Y Sowards, Reefer - Marvin. WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER 1200-1600 CONT

Weekly test of Emergency Equipment Safety devices.

BOILER WATER READINGS 2000-2400 Made Weekly Insp. of fire Fighting Equip. All in good working order Co2 Cylinders up To Weight, All Seals in Tact.

STB'D	PORT
HOURS 1561	HOURS 463
AKL 11.10	AKL 9.34
T-AKL 14.02	T-AKL 12.85
SAL. 4.56	SAL. 4.56
PHOS. 30	PHOS. 30
R.ph 11	R.ph 10
SO 232	30
Ph. cond 8.0	

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John POPE-TAP 110	8-13	~~FROM~~ AT Qui Nhon VietNAM	CAM Ranh Bay	P2-S2-R2	4-29-30-67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						202
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						2976 4440
TOTAL REVOLUTIONS (FOR WATCH)						18410
AVERAGE RPM						91.1
F.O. METER (END OF WATCH)	1169 1280	1169 1980	1169 2650	1169 3340	1169 4070	1169 6270
F.O. CONSUMED	810	700	670	690	730	2200
MACHINERY PARTICULARS – PRESSURES: THROTTLE						420
H.P. AHEAD						420
L.P. AHEAD						22
VACUUM	28.5	28.5	28.5	28.5	28.5	28.0
L.O. TO TURBINES	12		12	12	13	12
AUX. STEAM	150		150	150	150	150
BACK PRESSURE	9		9	9	9	9
GLAND STEAM	1.0		1.0	1.0	1.0	1.0
H.P. BLEEDER	–					70
I.P. BLEEDER	–			–		6
L.P. BLEEDER	–			–		9
TEMPERATURES: STEAM AT THROTTLE	–					690
L.P. EXHAUST	118	110	110	110	110	110
CONDENSATE	85	89	88	86	86	107
CIRC. WATER IN	83	85	83	82	82	83
CIRC. WATER OUT	84	84	84	84	82	93
L.O. TO COOLERS	112	112	114	111	110	127
L.O. FROM COOLERS	110	110	110	109	110	110
TEMPERATURE THRUST BEARING	–			–		118
FORWARD H.P. ROTOR BEARING	–			–		123

	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
FORWARD L. P. ROTOR BEARING	–					133
AFT. L.P. ROTOR BEARING	–					128
HOTTEST GEAR BEARING FORWARD	–					150
HOTTEST GEAR BEARING AFT	–					143
AUX. CONO. CONDENSATE	110	112	111	108	110	114
1ST STAGE FEED WATER HEATER	–					160
D. C. FEED WATER HEATER	240	240	240	240	240	240
~~3RD STAGE~~ FEED WATER HEATER HP ROTOR 1.0						
BOILER PARTICULARS – PRESSURES: F.O. TO BURNERS P/S	130/130	130/130	120/120	125/125	140/140	160/160
F. O. BACK PRESSURE						
AIR TO FURNACE	1.6/1.8	1.5/1.5	1.5/1.5	1.5/1.5	1.5/1.5	5.0/5.5
~~UPTAKE~~ SALINITY	.41	.41	.41	.41	.41	.41
MAIN STEAM	430	430	440	440	440	440
BOILER PARTICULARS – TEMPERATURES: SUPER HEAT	600	620	620	610	620	690
F.O. TO BURNERS	190/190	190/190	190/190	190/190	190/190	190/190
F.O. TEMP. IN SETTLING TANKS	110/110	105/115	110/115	110/120	110/120	110/120
PORT BOILER UPTAKE	375	370	330	370	325	350
STBD. BOILER UPTAKE	290	275	280	275	275	340
MISCELLANEOUS: ENGINE ROOM TEMPERATURE	94	93	92	91	91	94
FIRE ROOM TEMPERATURE	94	93	92	91	91	94
NOZZLES IN USE	–	–				
NO. OF BURNERS IN USE	2	2	2	2	2	6
BURNER TIP SIZE	51/55	51/55	51/55	51/55	51/55	51/55
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

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	430	600	9	121	110		62	700	700	235
	2	1200	430	600	7	137	126		63	650	650	235
1600 TO 2000	1	1200	430	620	9	120	110		62	700	700	235
	2	1200	430	620	7	138	126		63	600	600	235
2000 TO 2400	1	1200	440	620	9	120	110		62	600	600	235
	2	1200	440	620	7	137	123		63	600	600	235
2400 TO 0400	1	1200	440	610	9	120	110		62	650	650	235
	2	1200	440	610	7	136	124		63	600	600	235
0400 TO 0800	1	1200	440	620	9	120	110		62	650	650	235
	2	1200	440	620	7	134	123		63	700	700	235
0800 TO 1200	1	1200	440	690	9	120	110		62	700	700	235
	2	1200	440	690	7	138	124		63	700	700	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1169 6270
	METER PREVIOUS NOON	1169 0470
	CONSUMED BY METER	5800
	ON HAND AT START OF DAY	16,077
	RECEIVED DURING DAY	-0-
	EXPENDED DURING DAY	240
	REMAINING ON BOARD	15,837
DOMESTIC WATER	ON HAND AT START OF DAY	904
	EVAPORATED OR RECEIVED	94
	ON HAND	877
	CONSUMED	121
BOILER WATER	ON HAND AT START OF DAY	146
	EVAPORATED OR RECEIVED	10
	ON HAND	126
	CONSUMED	30
LUBE OIL	ON HAND AT START OF DAY	1930
	RECEIVED	-0-
	ON HAND	1920
	CONSUMED	
	DIESEL OIL	1137
	ON HAND	1135
	CONSUMED	2

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

4	3	4	4	4	4

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	3	4	2	Soc.	1

SUMMARY

RUNNING TIME	222	PERCENT OF SLIP	P.S. 17.5
DETENTION TIME	-0-	BBL FUEL/MI	1.26 1.37
TOTAL REVOLUTIONS PYC	18,120	WIND DIRECTION	160°
AVERAGE R.P.M.	89.7	STATE OF SEA	smooth
TOTAL MILES BY ENGINE	67	STATE OF WEATHER	83°
TOTAL MILES BY OBSERVATION	62		

REMARKS

1200-1600 WATCH
AT ANCHOR Port of Qui Nhon VietNAM. MACH INOPERATION #1+2 Boilers. 1+2 FD. BLOWERS 1+2 F.O.S. PUMPS. 1+2 MN F.D. PUMPS. MAIN AIR COMPRESSOR. MN AIR EJECTOR MN CIRC+COND PUMPS. L.O. PURIFIER. L.O.S. PUMP. 1+2 AUX GENERATORS. AUX AIR EJECTOR. AUX CIRC+COND PUMPS. AC UNIT. FIRE+SAN PUMP. MAIN UNIT ON JACKING GEAR WITH VACUM UP. Changed + CLEANED F.O. BURNERS. + P/S disch STRAINERS. Bilges AT A SAFE LEVEL. POWER FAILURE to #2 EVAP BRINE PUMP @ 1525 ELect MAKING REPAIRS. MADE ROUTINE ROUNDS ON MACH. + ENG'S SPACES. COMPLIED WITH COMSTS INST 4700.7
OILER BURR FWT MORGAN Refer G.INTEL WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH
Port watch At Anchor machinery INOPERATION AS Before Except L.O. Purifier stop @ 1900. Sec. stm To Sample Repacked Low Cargo Glass ON Port Boiler. Complied with Comsts. 4700.7. Pumped Bilges.

WATCH ENGR'S SIGNATURE- F. Harris

2000-2400 WATCH
At Anchor, Qui Nhon, Machinery in operation as before, Started L.O. Purifier @ 2000 Pumped bilges, Made Rounds + Insp of Mach + Eng spaces. Cleaned + Changed burners, + Fo Disch strainers P+S. Shift + Clean L.O. strainers #1+2 Generators, Complied With Comsts Inst 4700-7
Duty Elect - Jenkins
Oiler Lowell, 2nd Towards, Rufus Eng, Marvin WATCH ENGR'S SIGNATURE- R Summers.

2400-0400 WATCH
AT ANCHOR MACH IN OPERATION AS Before. PUMPED UP PORT SETTLERS FROM #9 & F.O. TK. DAILY test of stby L.O. pump. Shifted + CLEANED MAIN L.O. disch STRAINER: secured L.O. PURIFIER @ 0200 FOR REPAIRS. Checked STEERING E.R. Bilges AT SAFE Level. MADE Routine ROUNDS ON MACH + ENG'S SPACES. COMPLIED WITH COMSTS 4700.7

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH
Port watch At Anchor. machinery AS Before Changed + Cleaned F.O. Burners + Suct. strainers. Pumped #3 hold Port + stbd. Pumped Bilges Time check @ 0700 Tested Tele @ 0703. Talking Capt Disembark @ 0659 stm. To mn. unit @ 0700 Rolling stm @ 0702. Complied with Comsts. 4700.7. stby. Stm. L.O. Pumps Idling.

WATCH ENGR'S SIGNATURE- L. Harris

0800-1200 WATCH
Departing Port, Qui Nhon, Maneuvering bells as per bell book. @ 0800 Stby @ 0818 Departure, @ 0818 Hf 16 Nogg By Phone, @ 0845 #1+2 Eng Room to Full Speed 16 Nogg, @ 1100 Put L.O. Purifier in Service, Made Rounds + Insp. of Mach + Eng spaces. Pumped bilges + Cargo holds. Complied With Comsts Inst 4700-7.

WATCH ENGR'S SIGNATURE- R Summers.

CHIEF ENGINEER

		Stby 0800	Departure - 0818
BOILER WATER READINGS		ctr 27745070	ctr - 27746030
STB'D	PORT	FOM-P-7535270	FOM - P-7535300
HOURS 15.85	HOURS 487	FOM-S-4158930	FOM-S-4158950
AKL 8.18	AKL 8.18		
T-AKL 11.68	T-AKL 11.68		
SAL. 3.73	SAL. 4.14		
PHOS. 30	PHOS. 30		
R.ph 10	R.ph 10		
~~SOS 30~~	~~25~~		
~~PH. Cond. 8.0~~			

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP 110		Qui Nhon Vietnam	Cam Rohn Bay	P2-S2-R2	4-30-67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240					
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	~~2778~~ 6180					
TOTAL REVOLUTIONS (FOR WATCH)	2740					
AVERAGE RPM	90.5					
F.O. METER (END OF WATCH)	1169 8960	1169 9760	1170 0410			
F.O. CONSUMED	2690	800	750			
MACHINERY PARTICULARS – PRESSURES – THROTTLE	430	~~430~~ LH				
H.P. AHEAD	430	~~430~~ LH				
L.P. AHEAD	22					
VACUUM	28.2"	28.0"	27.8			
L.O. TO TURBINES	12	13	13			
AUX. STEAM	150	125	125			
BACK PRESSURE	9	9	9			
GLAND STEAM	1.5	1.5	1.5			
H.P. BLEEDER	70					
I.P. BLEEDER	6					
L.P. BLEEDER	10"					
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE	685					
L.P. EXHAUST	111	135	123			
CONDENSATE	107	98	94			
CIRC. WATER IN	85	85	84			
CIRC. WATER OUT	96	89	86			
L.O. TO COOLERS	129	112	112			
L.O. FROM COOLERS	110	110	110			
TEMPERATURE THRUST BEARING	118					
FORWARD H.P. ROTOR BEARING	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	142					
FORWARD L. P. ROTOR BEARING	153					
AFT. L.P. ROTOR BEARING	130					
HOTTEST GEAR BEARING FORWARD	150					
HOTTEST GEAR BEARING AFT	145					
AUX. COND. CONDENSATE	116	115	115			
1ST STAGE FEED WATER HEATER	163	108	108			
D. C. FEED WATER HEATER	240	240	240			
3RD STAGE FEED WATER HEATER HP / LP	.050 / 100					
BOILER PARTICULARS – PRESSURES – F.O. TO BURNERS P / S	160 / 170	110 / 110	110 / 110			
F. O. BACK PRESSURE						
AIR TO FURNACE P / S	5.2 / 5.6	1.5 / 1.5	1.5 / 1.5			
BOILER PARTICULARS – TEMPERATURES – SALINITY UPTAKE	.41	.41	.41			
MAIN STEAM	430	430	430			
SUPER HEAT	685	610	600			
BOILER PARTICULARS – PRESSURES – F.O. TO BURNERS	190 / 190	190 / 190	190 / 190			
F.O. TEMP. IN SETTLING TANKS	107 / 118	110 / 120	110 / 120			
PORT BOILER UPTAKE	348	320	325			
STBD. BOILER UPTAKE	348	265	270			
MISCELLANEOUS – ENGINE ROOM TEMPERATURE	96	95	93			
FIRE ROOM TEMPERATURE	96	95	93			
NOZZLES IN USE	10					
NO. OF BURNERS IN USE	2	2	2			
BURNER TIP SIZE	51/55	51/55	51/55			
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"			

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	430	685	9	125	115		62	700	700	235
	2	1200	430	685	7	140	130		65	750	750	235
1600 TO 2000	1	1200	430	610	9	124	112		62	600	600	235
	2	1200	430	610	7	138	125		63	700	700	235
2000 TO 2400	1	1200	430	600	9	122	112		62	600	600	235
	2	1200	430	600	7	138	126		63	600	600	235
2400 TO 0400												
0400 TO 0800												
0800 TO 1200												

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1170041 0	BOILER WATER	ON HAND AT START OF DAY	126
	METER PREVIOUS NOON	1169270		EVAPORATED OR RECEIVED	
	CONSUMED BY METER	4140		ON HAND	
	ON HAND AT START OF DAY	15,837		CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	1920
	EXPENDED DURING DAY			RECEIVED	
	REMAINING ON BOARD			ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	877		CONSUMED	
	EVAPORATED OR RECEIVED		DIESEL OIL		1135
	ON HAND		ON HAND		
	CONSUMED		CONSUMED		

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

4 4 4

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			

REMARKS

1200-1600 WATCH

UNDERWAY ON 16 NOZZ MACH INOPERATION #1&2 Boilers 1&2 F.D. Blowers 1&2 F.O.S. pumps. 1&2 MN F.O pumps. MN Air Compressor. MN Air Ejector. MN Circ & Cond pumps. L.O. purifier. L.O.S. Pump A.C. Unit. 1&2 Aux Generators. Aux Air Ejector. Aux Circ & Cond pumps. Circ & SAN Pump. Port Steering Gear. Daily test of MN Throtl. Shifted & Cleaned P/S F.O. disch strainers. Checked steering F.R. Gear. Pumped All Cargo hols Bilge. Reduced speed to 72 RPM 10 NOZZ P/S Bridge @1530 Stby @1530 MRR & 60 RPM @1542 CTR 27786180 Form 8-7537760 - 5-4161260 Made Routine Rounds on Mach & Eng Spaces. Complied with COMSTS 4700.7

WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH

Machinery As Before maneuvering water F.W.E. @ 1645 ctR Form. P. 7537910 5-4161400. Bells As Per Bell Book. At Anchor: See Stmt. To mn. unit @ 1646 same on Jacking Gear @ 1647. Pumped #3 bilge P&S & Bucket shop. Complied with Comsts. 4700.7.

Oiler Morris F.W.E. Mudwards Reefer Beans

WATCH ENGR'S SIGNATURE- L. Harris

2000-2400 WATCH

At Anchor, Cow Rohn Bay, Machinery in operation as before, Shift & Clean F.O. Disch strainers, P&S. Shift & Clean L.O. strainers #1&2 Generators. Bilges at Safe level. Made Rounds & Insp of Mach & Eng. Spaces. Complied with Comsts Inst. 4700-7.

Oiler-Lowell F.X. Towards. Reefer, Marvin

WATCH ENGR'S SIGNATURE- R. Summers.

2400-0400 WATCH

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

BOILER WATER READINGS

STBD	PORT
HOURS	HOURS
AKL	AKL
T-AKL	T-AKL
SAL.	SAL.
PHOS.	PHOS.
R.ph	R.ph

CHIEF ENGR'S SIGNATURE-

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE

	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)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
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						
BOILER PARTICULARS – TEMPERATURES – F.O. TO BURNERS						
F. O. BACK PRESSURE						
AIR TO FURNACE						
UPTAKE						
MAIN STEAM						
BOILER PARTICULARS – PRESSURES – 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~~ 0000		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS ~~NOON~~ 0000	4704440		EVAPORATED OR RECEIVED	
	CONSUMED BY METER			ON HAND	
	ON HAND AT START OF DAY			CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	
	EXPENDED DURING DAY			RECEIVED	
	REMAINING ON BOARD			ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY			CONSUMED	
	EVAPORATED OR RECEIVED		DIESEL OIL		
	ON HAND		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

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			

4-27-28-67

Checked 0800 - 4
Brown Chapman

TIME	PRESSURE									TEMPERATURE							REMARKS
	STEAM TO THROTTLE	STEAM TO NOZZLE	STEAM TO EXHAUST	TURB. LUB OIL PRESS.	COMPRESSOR SUCTION	COMPRESSOR LUBE OIL	COMPRESSOR DISCHARGE	COND. WATER IN OUT	CHILLED WATER IN OUT	TURBINE L.O. TEMP.	FREON IN CONDENSER	COND. WATER IN OUT	CHILLED WATER IN OUT	BEARING LINE	BEARING THRUST	SPEED R.P.M.	
																	Brown
1200	425	320	12	13	18	13	10	15-4	47-45	115	104	82-90	47-45	140	84	3500	1200-1600
1300	425	330	13	13	18	13	10.5	84-	47-45	115	104	82-90	47-45	140	84	3500	
1400	429	340	13.5	13	18	13	11	15-4	48-46	115	104	82-90	48-46	140	84	3600	Brown for Lindsley
1500	435	350	14	13	18	13	11	15-4	48-46	115	105	82-90	48-46	140	84	3500	
1600	420	350	12	11	18	13	11.5	15-4	25-46	118	107	86-91	49-45	138	82	3650	1600-2000
1700	420	340	12	11	18	13	11	15-4	26-46	119	107	86-91	49-45	138	82	3650	
1800	420	370	13	11	18	13	12	15-5	26-46	121	109	86-91	52-47	138	68	3800	
1900	440	380	13	11	18	13	13	15-5	26-46	126	110	88-93	49-44	137	63	3900	Brown
2000	440	380	13	11	18	13	12	15-5	26-46	121	110	86-90	47-44	137	64	3900	2000-2400
2100	440	380	13	11	18	13	12	15-5	26-46	121	109	86-90	47-44	137	64	3900	
2200	440	380	13	11	18	13	12	15-5	26-46	120	109	86-90	47-44	137	64	3900	
2300	440	380	13	11	18	13	12	15-5	26-46	120	109	86-90	47-44	137	64	3900	Marvin
2400	440	380	13	11	18	13	12	15-5	26-46	120	109	86-90	47-43	139	72	3900	0000-0400
0100	440	380	13	11	18	13	12	15-5	26-46	120	109	86-90	47-43	140	80	3900	
0200	430	370	13	11	18	13	12	15-5	26-46	120	109	86-90	47-43	140	80	3900	
0300	430	370	13	11	18.5	13	12	15-5	26-46	120	109	86-90	47-43	140	80	3925	Smith
0400	430	330	13	11	18	13	11	15-5	26-46	120	106	86-91	47-43	140	80	3800	0400-0800
0500	440	340	13	11	18	13	11	15-5	26-46	119	106	86-91	48-44	139	81	3800	
0600	430	350	13	11	18	13	11.5	15-5	26-46	119	107	86-91	48-44	139	82	3850	
0700	430	350	13	11	18	13	11.5	15-5	26-46	119	107	86-91	49-44	139	82	3850	Brown
0800	430	350	13	11	18	13	12	15-5	26-46	120	108	86-90	48-44	139	82	3850	0800-1200
0900	430	350	13	11	18	13	12	15-5	26-46	120	109	86-90	49-44	139	82	3850	
1000	440	350	13	11	18	13	12	15-5	26-46	120	109	85-90	48-44	140	82	3850	
1100	440	350	13	11	18	13	12	15-5	26-46	120	109	85-90	48-44	140	82	3850	Marvin

4/26/67

TIME	PRESSURE: STEAM TO THROTTLE	STEAM TO NOZZLE	STEAM TO EXHAUST	TURB. LUB OIL PRESS.	COMPRESSOR SUCTION	COMPRESSOR LUBE OIL	COMPRESSOR DISCHARGE	COND. WATER IN-OUT	CHILLED WATER IN-OUT	TEMPERATURE: TURBINE L.O. TEMP.	FREON IN CONDENSER	COND. WATER IN-OUT	CHILLED WATER IN-OUT	BEARING LINE	BEARING THRUST	SPEED R.P.M.	REMARKS
1200	420	330	13	11	18	13	10	14-5	25-46	118	106	85-88	48-45	136	79	4200	1200-1600
1300	420	340	13	11	18	13	10	14-5	25-46	118	106	85-88	48-45	136	80	4000	
1400	420	340	13	11	18	13	11	14-5	26-46	118	106	85-88	48-45	137	80	4000	
1500	440	340	13	11	18	13	11	14-5	26-46	118	108	85-88	48-44	138	82	3800	Bintel
1600	410	330	12.5	11	18	13	11	14-5	26-46	120	107	87-92	49-44	138	82	3800	1600-2000
1700	430	350	13	11	18	13	11.5	14-5	26-46	120	107	87-92	49-44	138	82	3850	
1800	440	350	13	11	18	13	11	14-5	26-46	121	107	86-92	48-44	138	81	3850	
1900	440	350	13	11	18	13	11	14-5	26-46	120	106	85-91	48-44	138	80	3850	Beam
2000	440	350	13	11	18	13	11	14-5	26-46	119	105	85-90	47-43	138	80	3800	2000-2400
2100	440	350	13	11	18	13	11	14-5	26-46	119	105	85-90	47-43	138	80	3800	
2200	440	350	13	11	18	13	10	14-5	26-46	118	104	84-88	47-43	137	81	3800	
2300	440	350	13	11	18	13	10	14-5	26-46	117	104	84-88	47-43	137	82	3800	Marvin
2400	440	330	13	11	18	13	10	14-5	26-46	117	104	84-88	47-43	138	83	3800	0000-0400
0100	440	330	13	11	18	13	10	14-5	26-46	117	104	84-88	47-43	138	83	3800	
0200	440	340	13	11	18	13	10	14-5	26-46	117	104	84-88	47-43	138	83	3800	
0300	440	330	13	11	18	13	10	14-5	26-46	117	104	84-88	47-43	138	83	3800	Bintel
0400	410	320	12	11	18	13	10	14-5	26-46	117	104	85-90	47-43	138	84	3750	0400-0800
0500	410	320	12.5	11	18	13	10	14-5	26-46	117	104	85-90	47-43	138	84	3750	
0600	440	320	13	11	18	13	10	14-5	26-46	116	104	84-90	46-42	138	84	3800	
0700	410	300	12	11	18	13	9	14-5	26-46	115	103	84-89	47-44	136	84	3650	Beam
0800	420	320	12	11	18	13	10	14-5	26-46	115	102	84-88	47-44	138	84	3700	0800-1200
0900	420	310	12	11	18	13	10	14-5	26-46	115	103	84-88	48-44	138	84	3650	
1000	420	310	12	11	18	13	10	14-5	26-46	115	104	84-88	48-44	138	84	3650	
1100	420	310	12	11	18	13	10	14-5	26-46	116	104	84-88	48-44	138	84	3650	Marvin

Fwd. 4/14/67

	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	101	102	105	104	106	105	105	103	106	106	106	102	103	105	105	105	104	104	104	103	104	103	103	102
2.	MN COND STE TEMP	92	93	94	98	100	100	100	100	102	102	103	93	95	95	95	100	100	100	100	100	100	99	100	93
3.	MN INJ TEMP	67	67	68	68	68	68	68	66	68	68	70	67	69	69.3	70	70	68	68	68	68	68	66	66	66
4.	MN OVBD TEMP	80	79	81	80	80	80	80	78	80	80	82	80	82	82	82	82	82	82	80	80	80	78	78	80
5.	L.O. TO COOLERS	126	128	130	128	128	128	129	129	129	129	128	129	129	130	129	128	128	128	124	128	129	129	129	130
6.	L.O. FROM COOLERS	109	110	111	110	110	110	110	110	110	110	110	109	111	112	110	110	110	110	108	110	110	110	110	111
7.	THRUST BRG TEMP	118	118	118	120	120	120	120	118	118	118	118	118	120	120	120	118	118	118	115	118	118	118	118	120
8.	FWD H.P. ROTOR BNG	123	123	125	124	124	124	124	123	123	123	123	125	125	126	129	124	124	124	122	123	123	126	126	125
9.	AFT H.P. ROTOR BNG	137	138	140	140	140	140	140	136	137	136	136	138	139	140	140	140	140	139	139	136	136	136	136	140
10.	FWD L.P. ROTOR BNG	132	133	135	133	133	135	135	132	132	133	133	133	134	135	133	133	132	132	130	132	132	132	132	134
11.	AFT L.P. ROTOR BRG	128	129	130	130	130	130	130	128	128	128	128	130	130	130	129	129	129	129	128	127	128	128	128	130
12.	HOT GEAR BRG FWD	159	160	160	160	160	160	160	156	157	157	157	160	160	160	160	160	160	160	160	156	156	156	156	160
13.	HOT GEAR BRG AFT	146	147	148	148	148	148	148	145	146	146	146	146	148	148	146	148	147	147	147	145	146	146	146	146
14.	AUX COND STE TEMP	106	106	108	109	110	110	110	110	110	112	112	110	108	111	112	104	110	104	110	110	110	108	108	106
15.	1ST STAGE AIR TEMP	154	154	154	154	154	158	154	152	152	156	158	156	158	158	158	158	158	158	155	154	154	154	154	153
16.	D.C. HEATER TEMP	240	240	239	240	240	240	240	238	236	238	240	240	240	240	240	240	240	240	240	240	240	238	236	241
17.	SUPRHT TEMP PORT	670	665	670	690	690	690	695	670	670	670	670	660	660	660	660	675	700	695	700	660	660	660	660	660
18.	SUPRHT TEMP STBD	670	680	670	690	690	690	695	660	660	660	660	670	665	660	660	675	700	695	700	680	680	680	680	680
19.	F.O. SETT TEMP P	105	105	126	120	120	120	120	105	105	110	110	95	90	90	100	100	100	95	100	100	100	100	100	105
20.	F.O. SETT TEMP S	100	102	105	105	105	105	105	115	115	115	115	95	100	99	100	100	100	100	105	105	105	105	105	102
21.	UPTAKE PORT	345	348	350	345	345	350	350	325	325	335	335	335	333	335	335	335	335	330	330	340	340	340	340	347
22.	UPTAKE STBD	340	347	340	340	325	340	345	315	315	325	325	325	328	335	335	335	325	325	335	340	340	335	335	343
23.	F.O. PUMP SUCT TEMP	110	112	114	112	112	112	112	110	110	124	124	108	100	108	107	110	110	110	110	110	110	110	110	110
24.	MN FD PMP L.O PORT	31	31	32	31	28	29	28	26	26	32	33	29	29	29	29	31	29	29	29	28	28	30	28	30
25.	MN FD PMP L.O STBD	20	20	21	23	25	24	20	20	20	26	26	20	28	27	27	20	20	20	20	26	20	22	20	20
26.	L.O. TO GEARS	112	113	114	114	114	114	114	114	114	114	114	113	114	114	112	112	111	111	108	114	114	114	114	114
27.	AIR COMPR L.O. PRESS	30	30	30	30	30	30	30	28	28	28	28	30	30	30	30	30	30	30	30	28	28	28	28	30

4/17/18/67

	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	9	9	9	9
28. L.O. PRES #2																								
31. L.O. TO COOLER #1	120	120	121	118	118	120	120	120	120	120	120	120	120	121	120	120	118	120	120	120	120	120	120	120
30. L.O. TO COOLER #2																								
33. L.O. FROM COOLER #1	110	110	112	110	110	110	110	110	110	110	110	110	110	111	110	110	110	110	110	110	110	110	110	111
32. L.O. FROM COOLER #2																								
35. L.O. GOV PRES #1	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
34. L.O. GOV PRES #2																								
37. AMPS POS #1	1200	1200	1250	1250	1350	1350	1350	1400	1400	1400	1500	1350	1350	1300	1350	1450	1350	1360	1300	1200	1200	1300	1300	1350
36. AMPS POS #2																								
39. AMPS NEG #1	1200	1250	1300	1300	1400	1400	1400	1500	1500	1500	1600	1400	1400	1400	1400	1500	1400	1400	1350	1300	1200	1350	1300	1400
38. AMPS NEG #2																								
41. HP HIGH SPEED PIN. AFT	146	147	148	148	148	148	148	145	146	146	146					148	147	147	147	145	146	146	146	148
42. HP INTER SPEED PIN FWD	143	143	143	143	143	143	143	142	142	143	143	144	144	144	143	143	143	143	143	143	143	143	143	143
43. HP INTER SPEED PIN AFT	146	147	148	148	148	148	148	145	146	145	145	147	147	147	147	147	147	147	147	145	146	146	146	147
44. L.P. THRUST BEARING	131	132	133	132	132	132	131	131	131	132	132	132	133	133	132	130	130	132	129	131	131	131	131	132
45. H.P. THRUST BEARING	148	148	133	148	148	148	148	146	146	146	146	148	149	150	147	147	147	147	146	145	146	146	146	148
46. LP HIGH SPEED PIN. FWD	131	132	134	134	134	130	130	131	132	131	132	132	132	134	132	132	132	132	130	131	132	132	132	133
47. LP HIGH SPEED PIN. AFT	129	130	130	130	130	128	128	128	128	128	128	130	130	131	130	130	130	130	125	128	129	128	128	130
48. LP INTER SPEED PIN FWD	151	151	153	151	151	151	151	152	152	152	152	152	152	154	154	150	150	150	148	152	153	152	152	152
49. LP INTER SPEED PIN. AFT	135	133	137	133	133	133	133	133	133	132	133	136	136	136	136	130	130	130	130	131	135	133	133	135
50. MAIN GEAR ROTOR FWD	115	115	115	115	115	115	115	116	116	116	116	115	116	117	117	117	116	116	116	116	116	116	116	116
51. MAIN GEAR ROTOR AFT	109	109	109	110	110	110	110	110	110	110	110	111	111	112	112	108	108	106	105	110	110	110	110	111
52. LP BLEED	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Aft 4/14/67

APRIL 17TH 1967

	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	101	102	102	240	240	240	238	102	102	103	103	103	103	104	104	235	240	240	240	102	102	102	102	100
2.	MN COND [redacted] TEMP	99	100	100	100	100	98	98	98	98	98	98	98	100	100	100	100	100	100	98	100	100	98	98	98
3.	MN INJ TEMP	69	70	70	69	69	69	68	68	68	68	68	69	70	72	72	72	72	72	70	70	70	68	68	69
4.	MN OVBD TEMP	79	81	81	80	80	78	78	78	78	78	78	78	80	83	83	82	82	82	80	80	80	78	78	78
5.	L.O. TO COOLERS	127	127	127	126	126	126	126	126	126	126	126	127	127	127	127	126	126	126	126	126	126	127	127	127
6.	L.O. FROM COOLERS	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
7.	THRUST BRG TEMP	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113
8.	FWD H.P. ROTOR BRG	123	123	123	120	120	120	120	123	123	120	120	122	122	122	122	120	120	120	120	122	122	122	122	122
9.	AFT H.P. ROTOR BRG	132	132	132	130	130	130	130	130	130	130	130	132	132	132	132	130	130	130	130	130	130	130	130	130
10.	FWD L.P. ROTOR BRG	129	129	129	127	128	127	127	128	128	128	128	128	128	128	128	127	127	127	127	128	128	128	128	128
11.	AFT L.P. ROTOR BRG	125	126	126	124	124	124	124	126	126	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125
12.	HOT GEAR BRG FWD	147	147	147	142	142	142	142	145	145	145	145	147	147	147	147	142	142	142	142	147	147	147	147	148
13.	HOT GEAR BRG AFT	137	137	137	136	136	136	136	135	135	135	135	137	137	137	137	136	136	136	136	137	137	137	137	138
14.	AUX COND [redacted] TEMP 3/4	100/102	103/104	103/104	104/104	104/104	104/104	106/106	101/106	101/108	103/106	103/106	101/104	102/106	108/110	108/110	106/108	110/110	106/106	106/106	103/105	103/105	100/106	100/106	101/103
15.	1ST STAGE AIR TEMP	168	168	168	165	165	165	165	165	165	165	165	167	167	168	168	165	165	165	165	167	167	170	170	168
16.	D.C. HEATER TEMP	237	237	237	236	236	236	236	238	238	238	238	237	237	237	237	236	236	236	238	238	238	238	238	236
17.	SUPRHT TEMP PORT	715	710	710	720	720	720	720	720	720	720	720	720	720	720	720	730	725	730	730	725	725	730	730	725
18.	SUPRHT TEMP STBD	715	710	710	720	720	720	720	720	720	720	720	720	720	720	720	730	725	730	730	725	725	730	730	725
19.	F.O. SETT TEMP P	90	90	90	102	106	106	106	110	110	110	110	100	100	95	95	94	98	102	108	108	108	108	108	105
20.	F.O. SETT TEMP S	100	85	85	85	95	98	100	104	104	106	106	105	105	105	105	106	106	100	104	106	106	104	104	110
21.	UPTAKE PORT	305	310	310	305	310	310	310	300	300	300	300	300	300	305	305	310	300	300	305	305	305	310	310	310
22.	UPTAKE STBD	310	315	315	310	310	310	310	305	305	305	305	305	305	310	310	315	305	310	310	310	310	315	315	315
23.	F.O. PUMP SUCT TEMP	98	100	103	102	112	112	114	116	116	116	116	116	116	116	116	84	84	104	108	116	116	120	120	124
24.	MN FD PMP L.O PORT	32	32	32	32	32	32	32	33	33	33	33	32	32	32	32	32	32	32	32	33	33	33	33	33
25.	MN FD PMP L.O STBD	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
26.	L.O. TO GEARS	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112
27.	AIR CONTR L.O. PRESS	29	29	29	29	29	29	29	27	27	28	28	28	28	28	28	29	29	29	29	28	28	28	28	28

		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	133	133	133	132	132	132	132	132	132	132	132	133	133	133	133	132	132	132	130	132	132	132	132	132
30. L.O. TO COOLER #2	4	137	137	137	135	136	137	137	138	138	137	137	137	137	137	137	137	137	136	135	137	137	136	136	136
33. L.O. FROM COOLER #1	3	110	110	110	108	108	108	108	110	110	110	110	110	110	110	110	108	108	108	108	110	110	110	110	110
32. L.O. FROM COOLER #2	4	118	116	116	116	114	116	116	116	116	117	117	117	117	116	116	114	114	114	114	116	116	116	116	117
35. L.O. GOV PRES #1	3	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
34. L.O. GOV PRES #2	4	44	44	44	44	44	44	44	45	45	45	45	44	44	44	44	44	44	44	44	45	45	45	45	44
37. AMPS POS #1	3	1050	1100	1100	1250	1150	1100	1200	1150	1150	1200	1200	1150	1150	1150	1150	1300	1200	1250	1200	1150	1150	1050	1050	1050
36. AMPS POS #2	4	1000	1050	1050	1050	1000	1100	1300	1200	1200	1100	1100	1100	1100	1100	1100	1300	1250	1150	1150	1050	1050	1100	1100	1000
39. AMPS NEG #1	3	1050	1100	1100	1250	1150	1100	1200	1150	1150	1150	1150	1150	1150	1150	1150	1300	1200	1250	1200	1100	1100	1000	1000	1050
38. AMPS NEG #2	4	1000	1050	1050	1050	1000	1100	1200	1200	1200	1100	1100	1100	1100	1100	1100	1200	1250	1150	1150	1050	1050	1050	1050	1000
41. HP HIGH SPEED PIN. AFT		137	137	137	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136	136
42. HP INTER SPEED PIN FWD		144	144	144	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142
43. HP INTER SPEED PIN AFT		136	136	136	135	135	135	136	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135
44. L.P. THRUST BEARING		133	133	133	130	132	130	130	132	132	130	130	132	132	132	132	130	130	130	130	130	130	130	130	132
45. H.P. THRUST BEARING		143	143	143	142	142	142	142	142	142	142	142	143	143	143	143	142	142	142	142	142	142	143	143	143
46. LP HIGH SPEED PIN. FWD		126	126	126	124	124	124	124	125	125	126	126	125	126	126	126	125	125	125	125	126	126	126	126	126
47. LP HIGH SPEED PIN. AFT		125	125	125	124	124	124	124	124	124	123	123	124	124	124	124	125	125	125	125	124	124	123	123	125
48. LP INTER SPEED PIN FWD		147	147	147	145	145	145	145	145	145	145	145	147	147	147	147	145	145	145	145	147	147	147	147	148
49. LP INTER SPEED PIN. AFT		137	137	137	135	135	135	135	135	135	135	135	137	137	137	137	135	135	135	135	137	137	137	137	138
50. MAIN GEAR ROTOR FWD		112	113	113	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112
51. MAIN GEAR ROTOR AFT		106	107	107	105	105	106	105	106	106	105	105	106	106	106	106	105	105	105	105	106	106	107	107	107
52. LP BLEED		13	13	13	12	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13	13	13	13	13
Volts	3	240	240	240	240	240	240	240	235	235	235	235	240	240	240	240	240	240	240	240	240	240	240	240	240
Volts	4	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240

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	82	0	120	95	0	115	94							8	110	94
14	83	0	120	95	0	115	93							15	110	94
16	84	0	115	98	0	115	95							19	115	95
18	82	0	120	97	0	115	93							11	110	94
20	82	0	120	97	0	115	94							15	115	94
22	83	0	120	98	0	115	95							20	115	95
24	83	0	120	97	0	115	93							15	110	96
26	84	0	120	98	0	115	94							20	115	96
28	83	0	120	97	0	115	94							24	110	94
30	83	0	120	98	0	115	94							24	110	94
32	83	0	120	97	0	115	93							20	118	94
34	84	0	120	98	0	115	95							20	115	94

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE

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]	2	36	2	-2	34	-2	34	5	36	35	36
14[illegible]	3	36	2	-2	30	-4	34	5	37	34	36
16[illegible]	5	36	2	-2	30	-2	34	6	37	35	37
10[illegible]	3	35	3	-2	32	-2	34	5	37	34	37
2[illegible]	3	38	3	-3	26	-4	34	3	37	36	37
22[illegible]	3	36	3	-3	26	-3	34	4	37	36	36
24[illegible]	0	36	3	-3	26	-4	34	3	37	35	36
[illegible]	0	37	3	-3	27	-4	34	2	37	37	39
[illegible]	0	36	5	-1	36	-4	36	2	38	39	40
[illegible]	2	36	4	-1	34	0	37	3	38	39	38
[illegible]	5	36	4	-2	35	-4	34	10	37	39	39
[illegible]	3	35	4	-3	33	-3	34	9	37	38	36

REMARKS

12[illegible]0-16[illegible] Gintel

16[illegible]-2[illegible] Bean

2[illegible]-24[illegible]0 Marsin

[illegible]-4[illegible] Gintel

4[illegible]-8[illegible] Bean

8[illegible]-12[illegible] Marsin

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	80	0	120	97	0	115	95							15	110	95
14	80	0	115	97	0	115	92							20	110	96
16	80	0	115	96	0	115	95							21	115	95
18	79	0	110	94	0	115	94							20	110	94
20	79	0	115	95	0	115	94							18	110	93
22	81	0	115	95	0	115	93							15	115	93
24	82	0	120	95	0	115	94							12	110	95
12	82	0	115	95	0	115	93							18	115	95
14	82	0	120	97	0	115	94							21	115	95
16	82	0	120	98	0	115	94							20	115	95
18	82	0	115	96	0	115	94							10	110	94
20	82	0	120	99	0	115	94							20	110	95

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 4/23/67

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	0	35	3	-2	32	-2	38	3	37	39	37
1400	0	36	4	-3	35	-3	38	3	37	40	36
1600	10	35	4	-4	32	-3	35	4	37	40	37
1800	0	35	3	-2	30	-3	35	5	37	39	37
2000	0	35	2	-2	28	-2	35	4	37	39	37
2200	1	36	4	-2	28	0	35	3	37	36	37
2400	0	36	4	-2	28	0	34	0	37	36	36
0200	0	36	3	-3	26	-2	34	0	37	34	36
0400	0	36	4	-3	26	-2	34	1	37	36	37
0600	2	35	3	-2	26	-2	34	1	37	36	37
0800	1	36	4	0	32	-2	37	3	37	36	37
1000	2	36	3	-2	32	-2	34	4	36	37	36
1200	2	36	4	-2	36	-1	35	2	36	37	37

CHIEF ENGINEER

REMARKS

1200-1600 Bintel

1600-2000 Bean

2000-2400 Marvin

0000-0400 RETARDED CLOCK 1HR @ 0100 Bintel

0400-0800 Replaced After Solenoid on # 3 Walk in BOX Bean

0800-1200 Marvin

NAVSHIPS 3676 (REV. 11-50)

11A 0105 501 4900

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

3ND-P&PO 9546

UNDERWAY ✓

AT ANCHOR

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

TIME: ZONE DESCRIPTION SET CLOCKS AHEAD OR BACK MINUTES AT DATE 4-26, 19 67

	4-27-67									4-26-67														
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	10	10	10	10	10	10	8	8	9	9	9	10	10	10	10	10	10	9	10	10	10	10	10	10
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	2	2	2	2"	2"	1"	1"	1	1	1	1	0	0	1	0	2"	2"	2"	2"	2	2	2	2	2
STEAM TO 1ST EFFECT, TEMPERATURE, °F	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	195	195	195	200	200	200	200	200	200	200	200	195	195	195	195	200	200	200	198	195	195	195	195	200
1ST EFFECT SHELL PRESSURE, "HG	12	12	12	12"	12"	12"	12"	12	12	12	12	11	11	11	11	13"	13"	13"	13"	12	12	12	12	12
2D EFFECT COIL DRAIN, TEMPERATURE, °F	166	166	166	166	166	166	168	168	168	168	168	170	170	168	168	168	168	168	168	166	166	166	166	166
2D EFFECT SHELL PRESSURE, "HG	15	15	15	15"	15"	15"	15"	15	15	15	15	14	14	14	14	15"	15"	15"	15"	15	15	15	15	15
3D EFFECT COIL DRAIN, TEMPERATURE, °F	156	156	156	156	156	156	158	158	158	158	158	162	162	160	160	156	156	156	158	156	156	156	156	156
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	142	142	142	142	140	140	140	140	146	146	140	140	140	142	142	142	142	142	142	140	140	140	140	142
CONDENSATE FROM COOLER, TEMPERATURE, °F	100	100	100	102	102	102	100	100	100	100	100	100	100	102	102	102	102	102	102	100	100	100	100	100
BRINE OVERBOARD, TEMPERATURE, °F	136	136	136	132	136	132	132	132	132	132	132	136	136	136	136	136	136	136	136	136	136	136	136	136
STEAM TO AIR EJECTOR, PRESSURE, #G	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
AIR EJECTOR DRAINS, TEMPERATURE, °F																								
CIRC. WATER INJECTION, TEMPERATURE, °F	83	83	83	83	84	84	83	83	83	83	83	84	85	85	85	85	85	85	84	82	82	82	82	82
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	83	83	83	83	84	84	83	83	83	83	83	84	85	85	85	85	85	85	84	82	82	82	82	82
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	164	164	164	166	166	168	170	170	170	170	170	170	170	170	170	164	164	162	162	164	164	164	164	164
CIRC. WATER OVERBOARD, TEMPERATURE, °F	108	108	108	106	106	104	104	104	104	104	104	108	108	108	108	108	108	108	106	106	108	108	108	108
CIRC. PUMP SUCTION PRESSURE, #G	5	5	5	5	5	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5
CIRC. PUMP DISCHARGE PRESSURE, #G	18	18	18	18	18	17	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18
BRINE PUMP SUCTION PRESSURE, #G	22	22	22	23"	23"	22"	23"	23	23	23	23	22	22	22	22	22"	22"	18"	18"	22	22	22	22	22
BRINE PUMP DISCHARGE PRESSURE, #G	34	34	34	40	36	38	35	30	30	30	30	30	30	30	30	42	42	44	44	36	36	36	36	36
FEED PUMP SUCTION PRESSURE, #G				—	—	—	—									—	—	—	—					
FEED PUMP DISCHARGE PRESSURE, #G				—	—	—	—									—	—	—	—					
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	60	60	60	62	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
AIR EJECTOR DRAINS, SALINITY—E. P. M.	20	20	20	30	30	20	20	20	20	20	20	20	20	20	20	30	30	30	30	20	20	20	20	20
1ST EFFECT DRAINS, SALINITY—E. P. M.	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	02	03	02	02	02	02	02	02	02
CONDENSATE FROM COOLER, 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

4-27-67 #1 4-26-67

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
	10831800		
0000			
0100	10840000	1000	
0200	10846000	1000	
0300	10847000	1000	
0400	10848600	1000	
0500	10849700	1100	
0600	10850700	1000	
0700	10851700	~~1000~~	1000
0800	10852800		1000
0900	10853200		400
1000	10854100		900
1100	10855000		900
1200	10832800	1000	
1300	10833806	1000	
1400	10834800	1000	
1500	10835800	1000	
1600	10836800	1000	
1700	10837600	800	3.
1800	10838600	1000	
1900	10839600	1000	
2000	10840600	1000	
2100	10841600	14,900	1000
2200	10842600		1000
2300	10843600		1000
2400	10844600	→	1000
			8,200

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

SCALING RECORD

	EFFECT NO. 1	NO. 2	NO. 3
DATE LAST SCALED			
HOURS BROUGHT FORWARD	338		
HOURS THIS DATE			
HOURS TO DATE			
GALLONS BROUGHT FORWARD	302300		
GALLONS THIS DATE			
GALLONS TO DATE			

CHECKED (Signature)

APPROVED [signature]
(Engineer Officer, U. S. N.)

REMARKS

0000–0400

1 - EVAP DIST TO

3 PORT

ADDED 8 OZ CHLORINE PER 1000 GALS

SIGNED McRay Hill

1200–1600

1 - EVAP DIST TO

3 PORT

ADDED 8 OZ CHLORINE PER 1000 GALS

SIGNED McRay Hill

0400–0800

#1 Evap. Dist. To #3 port
Filled #1 Hogevaptank, 3/4 car
0545 Shifted Dist. To #1 stbd. feed

@0745
#1 port - 2 - Test Drops
#1 stbd - 2 - Test Drops
#2 port - 6 - Test 4 Drops
#2 stbd - 7 - Test 4 Drops

SIGNED R. Sheppard

1600–2000

#1 Evap. Dist. To #3 Stbd
Added 8 oz chlorine per 1000 gals Dist.

SIGNED R. Sheppard

0800–1200

1 - EVAR DIST TO

1 STBD FEED

SIGNED McRay Hill

2000–2400

#1 & 2 Evaps. Dist
To #1 Stbd Feed....
@ 22:00 Shifted Dist
To #2 Stbd Feed....

SIGNED E. A. 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.

3ND-P&PO 9546

NAVSHIPS 3676 (REV. 11-50)

IIA 0105 501 4900

3ND-P&PO 9546

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY ✓ U. S. S. Gen. John Pope PLANT NO. 2

AT ANCHOR ____ TIME: ZONE DESCRIPTION ____ SET CLOCKS AHEAD OR BACK ____ MINUTES AT ____ DATE 4-26, 19 67

	4-27-67															4-26-67								
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	8	7	7	7	7	7	7
STEAM FROM REG. VALVE, PRESSURE #G	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEAM TO 1ST EFFECT, TEMPERATURE, °F	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	200	200	200	200	200	200	204	204	200	204	204	198	198	198	198	200	200	200	200	200	200	202	202	200
1ST EFFECT SHELL PRESSURE, "HG	10	10	10	9"	10"	9"	9"	9	9	9	9	10	10	10	10	10"	10"	10	10"	10	10	10	10	10
2D EFFECT COIL DRAIN, TEMPERATURE, °F	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
2D EFFECT SHELL PRESSURE, "HG	13	13	13	13"	13"	13"	13"	13	13	13	13	12	12	12	12	13"	13"	13"	13"	13	13	13	13	13
3D EFFECT COIL DRAIN, TEMPERATURE, °F	148	148	148	152	152	152	152	154	154	154	154	148	148	148	148	152	152	152	152	148	148	148	148	148
3D EFFECT SHELL PRESSURE, "HG	18	18	18	18"	18"	18"	18"	18	18	18	18	18	18	18	18	18"	18"	18"	18"	18	18	18	18	19
CONDENSATE TO COOLER, TEMPERATURE, °F	134	134	134	136	136	136	136	136	136	136	136	134	134	134	134	134	136	136	136	136	136	136	136	134
CONDENSATE FROM COOLER, TEMPERATURE, °F	—	—	—	—	—	—	—			—		—				—	—	—	—					
BRINE OVERBOARD, TEMPERATURE, °F	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
STEAM TO AIR EJECTOR, PRESSURE, #G	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
AIR EJECTOR DRAINS, TEMPERATURE, °F																								
CIRC. WATER INJECTION, TEMPERATURE, °F	83	83	83	83	84	84	83	83	83	83	83	84	85	85	85	85	85	85	84	82	82	82	82	82
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	83	83	83	83	84	84	83	83	83	83	83	84	85	85	85	85	85	85	84	82	82	82	82	82
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	140	146	140	156	140	142	140	146	146	146	140	152	152	152	152	140	140	140	140	140	140	140	140	140
FEED TO 1ST EFFECT, TEMPERATURE, °F	160	160	160	170	160	162	160	160	160	160	160	136	136	136	136	160	162	160	160	160	160	160	160	160
CIRC. WATER OVERBOARD, TEMPERATURE, °F	106	106	106	106	104	104	104	104	104	104	104	108	106	106	106	106	106	108	108	108	108	108	108	106
CIRC. PUMP SUCTION PRESSURE, #G	3	3	3	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	2	3	3	3	3	3
CIRC. PUMP DISCHARGE PRESSURE, #G	22	22	22	21	20	20	20	20	20	20	20	22	22	22	22	22	22	22	22	22	22	22	22	22
BRINE PUMP SUCTION PRESSURE, #G	23	23	23	20"	20"	24"	25"	23	23	25	25	20	20	20	20	23"	23"	23"	23"	23	23	23	23	23
BRINE PUMP DISCHARGE PRESSURE, #G	30	30	30	30	34	30	30	30	30	30	30	34	34	34	30	30	30	30	30	35	35	35	35	30
FEED PUMP SUCTION PRESSURE, #G	16	16	16	15	14	14	14	14	14	14	14					16	16	16	17	16	16	16	16	16
FEED PUMP DISCHARGE PRESSURE, #G	18	18	18	20	25	23	22	22	22	22	22					22	22	30	25	18	18	18	18	18
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	1	1	1	2	2	2	2	2	2	2	2	0	0	0	0	1	1	1	1	1	1	1	1	1
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	52	52	52	52	52	52	52	52	52	52	52	50	50	50	50	52	52	52	52	52	52	52	52	52
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	20																							
BRINE OVERBOARD DENSITY, 32NDS	N/A	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
AIR EJECTOR DRAINS, SALINITY—E. P. M.	30	30	30	30	30	30	20	20	20	20	20	30	30	30	30	30	30	30	30	20	20	20	20	20
1ST EFFECT DRAINS, SALINITY—E. P. M.	02	02	02	.03	.03	.03	.02	02	02	02	02	02	02	02	02	.03	.03	.03	.03	02	02	02	02	02
CONDENSATE FROM COOLER, 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

4/20-67 #2 4-26-67

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
	05897700		
0900			
0100	05914800	1200	
0200	05916100	1300	
0300	05917300	1200	
0400	05918600	1300	
0500	05919900	1300	
0600	05921100	1200	
0700	05922300	~~1200~~	1200
0800	05923100		800
0900	05923700		600
1000	05924900		1200
1100	05925900		1000
1200	05899000	1300	
1300	05900300	1300	
1400	05901600	1300	
1500	05902700	1100	
1600	05903900	1200	
1700	05905000	1100	?
1800	05906200	1200	
1900	05907400	1200	
2000	05908600	1200	
2100	05909800	18,400	1200
2200	05911000		1200
2300	05912300		1300
2400	05913600	→	1300
			9,900

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

SCALING RECORD

	EFFECT NO. 1	NO. 2	NO. 3
DATE LAST SCALED			
HOURS BROUGHT FORWARD	338		
HOURS THIS DATE			
HOURS TO DATE			
GALLONS BROUGHT FORWARD	404700		
GALLONS THIS DATE			
GALLONS TO DATE			

CHECKED (Signature)

APPROVED [signature]
(Engineer Officer, U. S. N.)

REMARKS

0000–0400
1 - EVAP DIST TO
3 PORT
ADDED 10 oz CHLORINE PER 1000 GALS
SIGNED McRoy Hill

1200–1600
- 2 - EVAP DIST TO
3 PORT
ADDED 8 oz CHLORINE PER 1000 GALS
SIGNED McRoy Hill

0400–0800
2 Evap. Dist. to # 3 port
Filled # 2 Hogawap Tank, 3/4 can
0055 shifted Dist. to # 1 stbd feed
SIGNED R. Sheppard

1800–2000
2 Evap. Dist. to # 3 stbd
Added 8 oz chlorine per 1000 gals dist
SIGNED R. Sheppard

0800–1200
2 - EVAP DIST TO
1 STBD FEED
SIGNED McRoy Hill

2000–2400
1 & 2 EVAPS. DIST
TO # 1 STBD FEED
@ 2200 SHIFTED DIST.
TO # 2 STBD FEED.
SIGNED E. S. 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.

3ND-P&PO 9546