#1

ENGINE ROOM LOG

GEARED TURBINE DRIVE

USNS Gen. John Pope (TAP110)

FROM Feb 1 **19** 67 **TO** _____ **19** 67

MSTS FORM 9410-1 (REV. 12-54)

INSTRUCTIONS

1. The entries in this book will be made neatly and legibly by the engineer or other person directly in charge of the machinery of the vessel, and with pen and ink or indelible pencil. No erasures nor the removal of any leaves will be permitted. Incorrect entries may be changed by drawing a single line through same with ink or indelible pencil and writing in the correct data, followed by the initials of the person making the change. The greatest care shall be used in keeping the log book to insure absolute accuracy in all particulars.

2. All entries of time shall be made on the 24-hour basis, noon to noon.

3. Under the heading "Remarks" a careful, detailed record of the events occurring daily in the engine department shall be entered in the log book, together with notation of any violation of orders or regulations. Remarks should be preceded by the time when pertaining to important tests, casualties, injuries, etc.

4. Entries regarding the following shall also be made when occurring:

(a) Repairs, cleaning, and painting, including machinery outside the engine spaces.

(b) Faulty or erratic operation or failure of machinery.

(c) Any important changes in machinery of any nature, or additions thereto.

(d) Remetalling of bearings; fitting new piston rings; reboring cylinders; renewing pump parts, metallic packing, important valves, propeller, shafting, stern bearing, zinc protection bars and rings outboard, strainers, etc.; data to show in all cases exactly what parts have been attended to or repaired, material or article used and reasons.

(e) Pumping of bilges.

(f) Blowing of tubes.

(g) Examining holding down bolts.

(h) Fuel and water taken aboard. The fuel account shall be carefully kept and the quantity consumed each day accurately ascertained.

(i) Grade and quality of fuel oil and lubricating oil used; also type of filtering and cleaning elements installed in both fuel and lube oil lines; results obtained from use thereof.

(j) Record of special tests ordered made.

(k) Defects in supplies received.

(l) Derelictions or deficiencies developed on the part of any member of the engine department.

5. In twin screw vessels when both engines are in the same engine space, alternate pages will be used for recording the readings from the starboard machinery, the other pages being used for the port machinery. In such cases, each sheet of the log book will bear the notation either "Port Machinery" or "Starboard Machinery." In the event that the machinery for each propeller is in a separate engine room, two books shall be utilized and each page of each such book shall be properly marked to indicate to which engine room it applies. For such ships, in addition to individual fuel, water, and lube oil summaries, the sheets covering the control engine room shall carry a consolidated figure reflecting the status of these materials for both machinery spaces.

6. The log books shall be retained on board unless required temporarily by the administrative commander and destroyed when three years old.

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAP-110	7-C	VUNG TAU VIETNAM	OAKLAND CALIF	P2-S2-R2	2-1-67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME				240	240	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)				2160 7920	2163 0270	2165 4580
TOTAL REVOLUTIONS (FOR WATCH)				23370	23350	24230
AVERAGE RPM				97.4	97.2	101.0
F.O. METER (END OF WATCH)				1085 7830	1086 0600	1086 3380
F.O. CONSUMED				2790	2770	2780
MACHINERY PARTICULARS – PRESSURES – THROTTLE				430	435	440
H.P. AHEAD				430	430	440
L.P. AHEAD				27	27	27
VACUUM				28.4"	28.2	28.3
L.O. TO TURBINES				12	12	12
AUX. STEAM				150	150	150
BACK PRESSURE				9	9	9
GLAND STEAM				1.0	1.5	1.0
H.P. BLEEDER				72	70	64
I.P. BLEEDER				6	6	6
L.P. BLEEDER				9"	8"	12
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE				695	685	680
L.P. EXHAUST				109	110	111
CONDENSATE				104	104	106
CIRC. WATER IN				83	79	79
CIRC. WATER OUT				92	92	92
L.O. TO COOLERS				125	127	126
L.O. FROM COOLERS				109	109	108
TEMPERATURE THRUST BEARING				118	118	118
FORWARD H.P. ROTOR BEARING				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				138	138	138
FORWARD L.P. ROTOR BEARING				132	133	132
AFT. L.P. ROTOR BEARING				130	130	130
HOTTEST GEAR BEARING FORWARD				153	153	153
HOTTEST GEAR BEARING AFT				145	145	145
AUX. COND. CONDENSATE				114		121
1ST STAGE FEED WATER HEATER				164	164	164
D.C. FEED WATER HEATER				240	240	240
~~3RD STAGE FEED WATER HEATER~~ ROBIR HP / LP				.050 / 100		
BOILER PARTICULARS – PRESSURES – F.O. TO BURNERS P / S				190 / 190	190 / 170	195 / 195
F.O. BACK PRESSURE P / S				12 / 12	13 / 11	11 / 10
AIR TO FURNACE P / S				5.2 / 5.4	5.2 / 5.4	5.4 / 5.6
~~UPTAKE~~ SALINITY				.41	.41	.41
BOILER PARTICULARS – TEMPERATURES – MAIN STEAM				430	435	440
SUPER HEAT				695	685	680
BOILER PARTICULARS – PRESSURES – F.O. TO BURNERS P / S				150 / 150	155 / 160	160 / 160
F.O. TEMP. IN SETTLING TANKS P / S				80 / 85	80 / 90	85 / 90
BOILER PARTICULARS – TEMPERATURES – PORT BOILER UPTAKE				320	320	320
STBD. BOILER UPTAKE				330	330	325
MISCELLANEOUS – ENGINE ROOM TEMPERATURE				90	88	90
FIRE ROOM TEMPERATURE				90	88	90
NOZZLES IN USE				18	18	18
NO. OF BURNERS IN USE				6	6	6
BURNER TIP SIZE				53/70	53/70	53/70
CO_2 % PORT BOILER					13¼	
CO_2 % STBD. BOILER					13¾	
OIL LEVEL MAIN SUMP				1'4"	1'4"	1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600												
1600 TO 2000												
2000 TO 2400												
2400 TO 0400	1	1200	430	695	9	120	110		62	1400	1400	240
0400 TO 0800	1	1200	435	685	9	120	110		61	1450	1400	240
	2				SEC							
0800 TO 1200	1	1200	440	680	9	120	110		62	1400	1500	235

FUEL - WATER AND LUBE OIL

FUEL OIL	2400 31 Jan. METER AT NOON	1086 3380	BOILER WATER – ON HAND AT START OF DAY	245
	METER PREVIOUS NOON	1085 5040	EVAPORATED OR RECEIVED	36
	CONSUMED BY METER	834	ON HAND	239
	~~ON HAND AT START OF DAY~~ FOR 2400	15,586	CONSUMED	42
	RECEIVED DURING DAY	-0-	LUBE OIL – ON HAND AT START OF DAY	2556
	EXPENDED DURING DAY	687	RECEIVED	-0-
	REMAINING ON BOARD	15,210	ON HAND	2550
DOMESTIC WATER	ON HAND AT START OF DAY	650	CONSUMED	5
	EVAPORATED OR RECEIVED	120		1367
	ON HAND	625		1365
	CONSUMED	145		2

LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.) 1 & 2 — 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	1206	PERCENT OF SLIP	POS. 20.4
DETENTION TIME	0	BBL FUEL/MI	1.51 / 2.01
TOTAL REVOLUTIONS	112,505	WIND DIRECTION	35°
AVERAGE R.P.M.	94.8	STATE OF SEA	8' SWELL
TOTAL MILES BY ENGINE	426	STATE OF WEATHER	76°
TOTAL MILES BY OBSERVATION	320		

FROM 320 TO GO - 6780

REMARKS

1200-1600 WATCH

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

WATCH ENGR'S SIGNATURE-

2400-0400 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. Pmps. MN+Aux Air Ejectors MN+Aux Air Pmps. MN+Aux Cond Pmps. L.O. purifier. L.O.S. Pump A.C. Unit Aux Generator. Fire+San pump Main Air Compressor. Stbd Steering Gear. Pumped up port settlers From #2 & DB Tks. Changed + Cleaned Center F.O. burners + ⅞ disch strainers. Inspected + Cleaned Main L.O. disch Strainer. Pumped Bilges. Checked Steering E.R. Gear. Made Routine Rounds on mach. + Eng Spaces.

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH Steaming as before on 18 Nozz. Changed bottom burner in #1+2 boilers. shifted main L.O. strainer. shifted and Cleaned F.O. sucT. + disch. strainers to #1+2 boilers. shifted to Stbd. unit main air ejector due to steam leak on 2nd stage nozzle block. Checked all operating mach. and S.E. room Added (1) Gal. oil to #1 feed Pump. Pumped bilges + Cargo holes. 0'01 Set Modified Cruising Cond. W.T. doors open.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH Underway, Steaming on 18 Nozz, cleaned + Changed top burners P+S Boilers 0800 to 0830 flew tubes #1+2 Boilers, Clean + Shift F.O. Disch strainer Clean + Shift Strainer on #1 Generator. Make Rounds + Insp of Mach + Eng Spaces.

WATCH ENGR'S SIGNATURE- R Summers.

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS. 2558	HOURS. 1414
A-KL. 7.01	AKL. 7.01
T-AK. 1226	T-AK. 1226
SAL. 2.90	SAL. 2.90
PHOS. 45	PHOS. 50
R.PH. 10	R.PH. 10

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	7-C	Vung Tau Viet NAM	Oakland Calif	P2-S2-R3	2-1-2-67

		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)		2167 7630	2170 0930	2172 4300	2174 7290	2177 0470	2179 3870
TOTAL REVOLUTIONS (FOR WATCH)		23130	23300	23370	22990	23180	23400
AVERAGE RPM		96.4	97.0	97.4	95.8	96.6 97.4	97.5
F.O. METER (END OF WATCH)		1082 6250	1086 9080	1087 1870	1087 4730	1087 7530	1088 0330
F.O. CONSUMED		2870	2830	2790	2860	2800	2800
MACHINERY PARTICULARS	PRESSURES: THROTTLE	435	430	440	430	435	440
	H.P. AHEAD	430	430	440	430	430	440
	L.P. AHEAD	27	27	27.5	27	27	27
	VACUUM	28.2"	28.2"	28.2	28.2	28.2"	28.3
	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	1.5	1.0	1.0	1.0
	H.P. BLEEDER	72	80	64	70	72	68
	I.P. BLEEDER	6	6	6	6	6	6
	L.P. BLEEDER	9"	8"	9	9"	9"	9
	TEMPERATURES: STEAM AT THROTTLE	680	690	675	680	690	690
	L.P. EXHAUST	110	110	112	110	110	110
	CONDENSATE	106	106	106	106	106	106
	CIRC. WATER IN	85	82	80	82	80	80
	CIRC. WATER OUT	94	94	92	94	94	92
	L.O. TO COOLERS	125	126	126	125	127	126
	L.O. FROM COOLERS	109	109	108	109	109	108
	TEMPERATURE THRUST BEARING	118	118	117	118	118	117
	FORWARD H.P. ROTOR BEARING	124	124	123	124	124	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	136	138	136	136	135	137
	FORWARD L. P. ROTOR BEARING	130	133	130	128	133	132
	AFT. L.P. ROTOR BEARING	130	130	128	128	130	128
	HOTTEST GEAR BEARING FORWARD	152	153	153	152	151	153
	HOTTEST GEAR BEARING AFT	145	145	145	145	146	145
	AUX. COND. CONDENSATE	124	122	123	122	120	122
	1ST STAGE FEED WATER HEATER	164	164	164	164	164	164
	D. C. FEED WATER HEATER	240	238	238	238	239	240
	~~3RD STAGE FEED WATER HEATER~~ ROTOR H.P.	050	—	—	—		
	L.P.	100					
BOILER PARTICULARS PRESSURES TEMPERATURES	F.O. TO BURNERS P	195	200	195	190	190	195
	S	195	195	195	185	185	195
	F. O. BACK PRESSURE P	12	14	14	14	15	15
	S	12	11	12	13	11	11
	AIR TO FURNACE P	5.0	5.2	5.2	5.3	6.0	6.0
	S	5.2	5.2	5.2	5.2	5.2	5.8
	~~SALINITY UPTAKE~~	.41	.41	.41	.41	.41	.41
	MAIN STEAM	435	430	440	430	435	440
	SUPER HEAT	680	690	675	680	690	690
	F.O. TO BURNERS P	150	155	155	155	165	160
	S	150	160	155	155	160	160
	F.O. TEMP. IN SETTLING TANKS P	85	80	85	80	83	80
	S	80	80	85	80	85	85
	PORT BOILER UPTAKE	320	320	320	326	330	325
	STBD. BOILER UPTAKE	340	325	330	335	350	325
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	90	90	91	91	90	90
	FIRE ROOM TEMPERATURE	90	90	91	91	90	90
	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					13 1/4	
	CO_2 % STBD. BOILER					13 3/4	
	OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"	1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	435	680	9	122	110		62	1500	1500	240
	2					SEC						
1600 TO 2000	1	1200	460	690	9	120	110		61	1500	1400	240
	2				SEC							
2000 TO 2400	1	1200	440	675	9	120	110		62	1350	1450	235
	2				SEC.							
2400 TO 0400	1	1200	430	680	9	120	110		62	1500	1450	235
	2				SEC							
0400 TO 0800	1	1200	460	690	9	120	110		61	1500	1450	235
	2					SEC						
0800 TO 1200	1	1200	440	690	9	120	110		62	1450	1500	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10880330	BOILER WATER: ON HAND AT START OF DAY	239
	METER PREVIOUS NOON	10863380	EVAPORATED OR RECEIVED	95
	CONSUMED BY METER	16950	ON HAND	299
	ON HAND AT START OF DAY	15,210	CONSUMED	35
	RECEIVED DURING DAY	-0-	LUBE OIL: ON HAND AT START OF DAY	2550
	EXPENDED DURING DAY	763	RECEIVED	-0-
	REMAINING ON BOARD	14,447	ON HAND	2540
DOMESTIC WATER	ON HAND AT START OF DAY	625	CONSUMED	10
	EVAPORATED OR RECEIVED	126		1365
	ON HAND	694		1362
	CONSUMED	57		3

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

1 & 2					
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. 14.7
DETENTION TIME	-0-	BBL FUEL/MI	
TOTAL REVOLUTIONS P+S	136,305	WIND DIRECTION	
AVERAGE R.P.M.	94.6	STATE OF SEA	
TOTAL MILES BY ENGINE	508	STATE OF WEATHER	
TOTAL MILES BY OBSERVATION	433		

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. MN+Aux Air Ejector. MN+Aux Circ Pumps. MN+Aux Cond Pumps. Main Air Compressor. L.O. Purifier. L.O.S. Pump. 1 Aux Generator. A.C. Unit. Fire+San Pump. Stbd Steering Gear. Tested overspeed trip Low L.O. Alarm on MN Turbine & Thrust. Pumped up Port Settlers From #4 DB tks P/S. Pumped Bilges. Checked Steering E.R. Gear. Aft Diesel Fire Pump back in Service @ 1410. Elect Cont to Clean & Repair #2 Aux Generator. Made Routine Rounds on Mach. & Eng's Spaces.

WATCH ENGR'S SIGNATURE- Henry Barney

1600-2000 WATCH
Steaming as before. 1555 to 1615 blew tubes on #1 & 2 boilers. Changed bottom burner in #1 & 2 boilers. Shifted F.O. suction & disch. strainers to #1 & 2 boilers. Checked all operating machinery and S.E. room. Repairs Completed on #2 Gen. 1620. At 1825 Cruising Cond. set. Pumped bilges. Added (1) Gal oil to #1 feed Pump.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH
Underway, Steaming on 18 Nozz, Cleaned + Changed top burners #1 + 2 Boilers, Clean + Shift F.O. Disch Strainers P+S, Cleaned L.O. Strainers #1 Gen, Pumped bilges + Cargo Holds, Shift F.O. Settler to Inboard Suct @ 2230,
Added 2 gals L.O. to #1 Main Feed pump.
Made Rounds + Insp of Mach + Eng Spaces

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH
Underway on 18 Nozz Mach as Before Changed + Cleaned Center F.O. Burners and P/S disch. Strainers. Daily test of stby L.O. Pump for 1-hr. Held Eng's Casualty drill B-7- Forced Draft Blower Failure. Watch Inst + Bridge Notified 0100-0130 Inspected + Cleaned Main L.O. disch Strainer. Pumped up Port Settlers From #4 ¢ Deep tk. Pumped Bilges. Checked Steering E.R. Gear. Made Routine Rounds on Mach + Eng's Spaces.

WATCH ENGR'S SIGNATURE- Henry Barney

0400-0800 WATCH
Steaming as before on 18 Nozz. Changed bottom burner in #1 & 2 boilers. Shifted and Cleaned F.O. suct. and discharge strainers to #1 & 2 boilers. Pumped bilges. Checked all operating mach. & S.E. room. Held fire room Casualty drill B-7 Failure of force draft blower, watch inst. Bridge Notified. Added one (1) Gal. Ea. to #1 & 2 feed Pump. 0630 Cruising Condition Modified.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH
Underway, Steaming on 18 Nozz, 0800 to 0830 Blew tubes #1 & 2 Boilers. 0810 Secured #1 Fire pump, #2 on Line, 0900 to 0930 Held Eng Casualty drill B-7, 4 Men present bridge notified, Cleaned + Changed Top burners, Clean + Shift F.O. disch Strainers, Shift + Clean L.O. Strainer on #1 Generator 1030 pump up L.O. Tanks, Stbd, in Steering Engine Room., Utility Men working on #1 Fire pumps Made Rounds + Insp of Mach + Eng spaces, Governor Linkage Cover off #2 Generator. Chief Eng to Inspect.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER
1800 to 1200 added 1 gal L.O. to #1 Fuel pump.

BOILER WATER-READINGS

STBD.	PORT
HORS 1108	HORS 1438
AKL-701	AKL-818
T-AK 1168	T-AK-1226
PHOS-46	PHOS-50
R-PA-10	R-PA-10

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TPP-110	7-6	VUNG TAU VIETNAM	OAKLAND CALIF	P2-S2-R2	2-2-3-67

	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)	2181 7240	2184 1170	2186 5050	2188 8590	2191 1690	2193 4770
TOTAL REVOLUTIONS (FOR WATCH)	23370	23930	23880	23540	23100	23030
AVERAGE RPM	97.4	99.7	99.5	98.0	96.2	96.0
F.O. METER (END OF WATCH)	1088 3160	1088 5930	1088 8690	1089 1510	1089 4280	1089 7080
F.O. CONSUMED	2830	2770	2760	2820	2770	2800
MACHINERY PARTICULARS — PRESSURES — THROTTLE	435	435	440	435	435	440
H.P. AHEAD	435	430	440	435	435	440
L.P. AHEAD	26	27	28	27	27	28
VACUUM	28.4"	28.2"	28.2	28.2"	28.2"	28.2
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	145	145	150	150	150	150
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	1.0	1.0	1.0	1.0	1.0	1.5
H.P. BLEEDER	76	76	74	72	71	72
I.P. BLEEDER	6	6	6	6	6	6
L.P. BLEEDER	9"	8"	9	9"	9"	9
TEMPERATURES — STEAM AT THROTTLE	685	695	690	690	680	680
L.P. EXHAUST	107	108	109	110	110	110
CONDENSATE	103	104	103	104	107	104
CIRC. WATER IN	80	79	78	80	80	84
CIRC. WATER OUT	90	92	90	92	94	94
L.O. TO COOLERS	126	127	126	126	127	126
L.O. FROM COOLERS	109	109	108	109	109	108
TEMPERATURE THRUST BEARING	118	118	117	118	118	117
FORWARD H.P. ROTOR BEARING	124	124	123	124	124	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	138	138	138	136	138	136
FORWARD L. P. ROTOR BEARING	132	134	131	132	130	131
AFT. L.P. ROTOR BEARING	128	130	128	130	130	129
HOTTEST GEAR BEARING FORWARD	152	153	154	153	153	153
HOTTEST GEAR BEARING AFT	145	145	146	145	145	145
AUX. COND. CONDENSATE	117	118	117	118	120	122
1ST STAGE FEED WATER HEATER	162	162	162	162	162	164
D. C. FEED WATER HEATER	238	238	237	238	238	238
~~3RD STAGE FEED WATER HEATER~~ 1SOTR2 HP / 2.0	050 / 100	—	—	—		
BOILER PARTICULARS — PRESSURES — F.O. TO BURNERS P/S	190/190	196/180	195/195	193/195	195/190	195/195
F. O. BACK PRESSURE P/S	12/10	13/11	13/12	13/12	14/12	12/10
TEMPERATURES — AIR TO FURNACE P/S	5.4/5.2	5.6/6.0	5.2/5.4	5.2/5.4	5.0/5.4	5.2/5.6
~~SALINITY UPTAKE~~	.41	.41	.41	.41	.41	.41
MAIN STEAM	435	435	440	435	435	440
SUPER HEAT	685	695	690	690	680	680
PRESSURES — F.O. TO BURNERS P/S	150/150	160/160	160/160	160/160	155/160	160/160
F.O. TEMP. IN SETTLING TANKS P/S	80/80	80/80	80/80	80/82	80/85	80/85
TEMPS — PORT BOILER UPTAKE	325	320	320	320	325	325
STBD. BOILER UPTAKE	320	325	330	330	330	325
MISCELLANEOUS — ENGINE ROOM TEMPERATURE	91	90	88	89	88	88
FIRE ROOM TEMPERATURE	91	90	88	89	88	88
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					13 1/4	
CO_2 % STBD. BOILER					13 3/4	
OIL LEVEL MAIN SUMP	1'4"	1'4"	1'2"	1'4"	1'4"	1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	435	685	9	120	110		62	1500	1450	240
	2				Sec							
1600 TO 2000	1	1200	460	695	9	120	110		61	1450	1350	245
	2				sec							
2000 TO 2400	1	1200	440	690	9	120	110		62	1350	1450	235
2400 TO 0400	1	1200	435	690	9	120	110		62	1450	1350	235
0400 TO 0800	1	1200	460	680	9	120	110		61	1450	1350	235
	2				sec							
0800 TO 1200	1	1200	440	680		120	110		62	1450	1500	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10897080
	METER PREVIOUS NOON	10880330
	CONSUMED BY METER	16750
	ON HAND AT START OF DAY	14,447
	RECEIVED DURING DAY	-0-
	EXPENDED DURING DAY	714
	REMAINING ON BOARD	13,733
DOMESTIC WATER	ON HAND AT START OF DAY	694
	EVAPORATED OR RECEIVED	163
	ON HAND	807
	CONSUMED	50

BOILER WATER	ON HAND AT START OF DAY	299
	EVAPORATED OR RECEIVED	52
	ON HAND	317
	CONSUMED	34
LUBE OIL	ON HAND AT START OF DAY	2540
	RECEIVED	-0-
	ON HAND	2530
	CONSUMED	10
DIESEL OIL	ON HAND	1362
	CONSUMED	1360
		2

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

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
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	3 1/2	4	4

SUMMARY

RUNNING TIME	1440	PERCENT OF SLIP	POS. 12.1
DETENTION TIME	-0-	BBL FUEL/MI	1.39 1.68
TOTAL REVOLUTIONS	137660	WIND DIRECTION	010°
AVERAGE R.P.M.	95.6	STATE OF SEA	10' SWELL
TOTAL MILES BY ENGINE	513	STATE OF WEATHER	79°
TOTAL MILES BY OBSERVATION	425		

FROM 1178 TO 60-5922

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.D. pumps. MN+Aux Air Ejectors MN+Aux C.W. pmps. MN+Aux Cond. pumps. Main Air Compressor. L.O. purifier. L.O.S. pump. 1-Aux Generator. A.C. Unit Stbd Steering Gear. Tested overspeed trip low L.O. Alarm on MN Turbine + Throttl. Pumped Bilges. Checked Steering F.W. Gear. Pumped up port settlers from #4 & deep tk. Daymen Cont Repairs on Fire Pump. Made Routine Inspections of Mach. + Engs Spaces.

WATCH ENGR'S SIGNATURE- Henry Bunney

1600-2000 WATCH
Steaming as before. 1550 to 1615 blew tubes on #1 + 2 boilers. Changed bottom burner in #1 + 2 boilers. shifted and Cleaned disch. strainer to #1 + 2 boilers. Pumped bilges + Cargo holds. Checked all operating Mach. and S.E. room. Added one (1) gal. oil Ea. to #1 + 2 feed Pumps. repaired smoke through Vent system into Compt. 5-1-183-4. Notified Bridge + Ch. Engr.

WATCH ENGR'S SIGNATURE- H.M. Jones

2000-2400 WATCH
Underway, Steaming 18 Nozz. Cleaned + Changed top burners #1+2 Boilers Shifted + Cleaned F.O. disch Strainer P+S, shift + Clean L.O. Strainer #1 Generator. @ 2300 Shift to Inboard F.O. Settler, Made Rounds + Insp of Mach + Eng spaces. Pumped bilges + Cargo Holds
Added 2 gal L.O. to #1 Feed pump, added 1 gal L.O. to #2 Feed 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. Secured L.O. purifier @0000 Cleaned + back in service @0030. Daily test of Stby L.O. pump for 1-hr. Pumped up port settlers from #4 & deep tk. Inspected + Cleaned Main L.O. disch. Strainer. Pumped Bilges. Checked Steering F.W. Gear. Made Routine Rounds on mach and Eng's Spaces.

WATCH ENGR'S SIGNATURE- Henry Bunney

0400-0800 WATCH
Steaming as before. Changed bottom burner in #1+2 boilers. Shifted + Cleaned F.O. sort. and disch. strainers to #1+2 boilers. Shifted + Cleaned Main L.O. strainer. Pumped bilges. Checked all operating machinery inspected S.E. room. 0606 sun rise. Set Modified Cruising Condition. 0737 stby due to weather. 0755 44

WATCH ENGR'S SIGNATURE- H.M. Jones

0800-1200 WATCH
Underway Steaming 18 Nozz. Cleaned + Changed Top Burners P+S Boilers. 0800 to 0840 Blew tubes #1+2 Boilers, Cleaned + Shift F.O. Disch Strainers. Cleaned + Shift L.O. Strainer #1 Generator. 1054 Stby - 1134 H. added 3 gal L.O. to #1 Feed pump. Added 1 gal L.O. to #2 Feed pump. Made Rounds + Insp of Mach + Eng spaces.

WATCH ENGR'S SIGNATURE- R. Summers

CHIEF ENGINEER
12-16 Cont.- Chief Engr Inspected Gears and Spay Nozzles on #2 Aux Generator. Governor Linkage

BOILER WATER READINGS

STB'D	PORT
HOURS 1633	HOURS 1462
AKL 759	AKL 759
T-AKL 1226	T-AKL 1226
SAL. 2.90	SAL. 2.90
PHOS. 45	PHOS. 45
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John POPE TAP-114	7-C	Vung Tau Vietnam	Oakland Calif	P2-S2-R2	2-3-4-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	2195 7760	2198 0990	2200 2120	2202 3020	2204 3690	2206 5800
TOTAL REVOLUTIONS (FOR WATCH)	23040	23230	21130	20900	20670	21110
AVERAGE RPM	96.0	96.7	96	95.0	93.9	92.1
F.O. METER (END OF WATCH)	1089 9960	1090 2770	1090 5320	1090 7920	1091 0520	1091 3270
F.O. CONSUMED	2880	2810	2550	2600	2600	2750
MACHINERY PARTICULARS — PRESSURES — THROTTLE	435	435	440	435	440	440
H.P. AHEAD	435	435	440	435	455	440
L.P. AHEAD	27	27	27	27	27	27
VACUUM	28.0	28.0	28.0	28.0	28.2"	28.2
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	3.0	2.0	1.0	1.0	1.0	1.0
H.P. BLEEDER	72	70	70	70	54	68
I.P. BLEEDER	5	6	6	4	6	6
L.P. BLEEDER	9	8"	8"	8"	8"	9
TEMPERATURES — STEAM AT THROTTLE	695	700	695	685	705	680
L.P. EXHAUST	110	110	110	110	110	109
CONDENSATE	106	106	104	104	104	104
CIRC. WATER IN	82	84	82	79	80	80
CIRC. WATER OUT	94	94	94	92	92	93
L.O. TO COOLERS	126	127	126	125	127	126
L.O. FROM COOLERS	109	109	108	108	109	108
TEMPERATURE THRUST BEARING	118	118	117	117	118	117
FORWARD H.P. ROTOR BEARING	124	124	124	123	120	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	136	138	138	136	135	136
	FORWARD L. P. ROTOR BEARING	132	133	131	130	130	131
	AFT. L.P. ROTOR BEARING	128	130	129	127	128	128
	HOTTEST GEAR BEARING FORWARD	152	153	153	150	150	152
	HOTTEST GEAR BEARING AFT	145	145	145	145	145	144
	AUX. COND. CONDENSATE	120		112	110/110		108/108
	1ST STAGE FEED WATER HEATER	164	164	162	164	165	163
	D. C. FEED WATER HEATER	238	240	238	238	238	240
	~~3RD STAGE FEED WATER HEATER~~ Raised HP	050	—	—	—		
	~~3RD STAGE FEED WATER HEATER~~ LP	100					
BOILER PARTICULARS — PRESSURES — F.O. TO BURNERS P		200	200	200	200	200	190/190
F.O. TO BURNERS S		200	190	200	200	190	
F. O. BACK PRESSURE P		12	13	12	12	13	13/11
F. O. BACK PRESSURE S		11	10	12	12	11	
AIR TO FURNACE P		5.4	6.0	6.0	5.2	6.0	5.4/5.4
AIR TO FURNACE S		5.4	6.0	6.0	5.2	7.0	
SOLINOIDS UPTAKE		.41	.41	.41	.41	.41	.41
TEMPERATURES — MAIN STEAM		435	435	440	435	440	440
SUPER HEAT		695	700	695	685	705	680
F.O. TO BURNERS P		160	150	150	150	150	160/160
F.O. TO BURNERS S		160	155	150	150	160	
F.O. TEMP. IN SETTLING TANKS P		80	80	85	80	85	80/85
F.O. TEMP. IN SETTLING TANKS S		80	80	85	85	85	
PORT BOILER UPTAKE		350	325	320	320	335	315
STBD. BOILER UPTAKE		325	325	320	320	340	315
MISCELLANEOUS — ENGINE ROOM TEMPERATURE		91	90	90	88	86	84
FIRE ROOM TEMPERATURE		91	90	90	88	86	84
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						13 1/4	
CO_2 % STBD. BOILER						13 3/4	
OIL LEVEL MAIN SUMP		1'4"	1'4"	1'4"	1'4"		1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	435	695	9	120	110		62	1500	1450	235
	2	Idling										
1600 TO 2000	1	1200	460	700	9	120	110		61	850	850	235
	2	1200	460	700	7	136	124		63	650	650	x
2000 TO 2400	1	1200	440	690	9	120	110		62	700	700	235
	2	1200	440	690	7	135	123		62	700	700	235
2400 TO 0400	1	1200	435	685	9	120	110		62	750	750	235
	2	1200	435	685	7	136	122		62	700	700	235
0400 TO 0800	1	1200	460	705	9	120	110		61	700	700	235
	2	1200	460	705	7	134	122		62	850	850	235
0800 TO 1200	1	1200	440	686	9	119	109		62	700	700	235
	2	1200	440	680	7	135	122		62	750	750	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10913270	BOILER WATER	ON HAND AT START OF DAY	317
	METER PREVIOUS NOON	10897080		EVAPORATED OR RECEIVED	58
	CONSUMED BY METER	16190		ON HAND	340
	ON HAND AT START OF DAY	13733		CONSUMED	35
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	2530
	EXPENDED DURING DAY	689		RECEIVED	-0-
	REMAINING ON BOARD	13,044		ON HAND	2520
DOMESTIC WATER	ON HAND AT START OF DAY	807		CONSUMED	10
	EVAPORATED OR RECEIVED	111	DIESEL OIL		1360
	ON HAND	864	ON HAND		1358
	CONSUMED	54	CONSUMED		2

LOW PRESS. EVAPORATORS (No. of hrs. operated)					(Fresh water made gals.)
4	4	4	3 2/3	3 2/3	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	3 2/3	3 2/3	4

SUMMARY

RUNNING TIME	1380	PERCENT OF SLIP	15.9
DETENTION TIME	-0-	BBL FUEL/MI	
TOTAL REVOLUTIONS	128373	WIND DIRECTION	040°
AVERAGE R.P.M.	93.0	STATE OF SEA	Rough
TOTAL MILES BY ENGINE	479	STATE OF WEATHER	68°
TOTAL MILES BY OBSERVATION	403		

From 1624 To 60-823

REMARKS

1200-1600 WATCH

UNderWAY ON 18 NOZZ MACH INoperation 1+2 Boilers 1+2 FD. Blowers 1+2 FOS. pumps. 1+2 MN. FD. pumps. MN+AUX AIR Ejectors. MN+AUX CIRC pumps. MN+AUX Cond. pmps. MAIN AIR COMPRESSOR. L.O. PURIFIER. L.O.S. PUMP 1 AUX GENERATOR. A.C. UNIT. Stbd Steering GEAR. Tested overspeed trip 2 and L.O. ALARM ON MN. Turbine & Throtl. Pumped up PORT Settlers FROM #4 & Deep TK. Pumped Bilges. Checked Steering E.R. GEAR. Fire drill @1300 SEC. @1312 Boat drill @1314 SEC. @1321 Stby @1300 ~~44~~ @1321 Weekly test of EMERGENCY Equipment + Safety devices. REPAIRS Completed ON #2 GEN. by MR SUMMERS 3rd ENGR. @ 1450 RAISED VACUUM STARTED SAME.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before, 1555 to 1615 blew tubes on #1 + 2 boilers. 1726 Sunset. W.T. doors Closed B/S. Changed bottom burner in #1 + 2 boilers. shifted + Cleaned F.O. disch strainer to #1 + 2 boilers. Checked All operating mach. inspected S.E. room.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH

Underway Steaming 18 Nozz Cleaned + Changed Top burners #1 + 2 Boilers Cleaned + Shifted F.O disch Strainers, Cleaned + Shifted L.O. Strainer #1 + 2 Generators. Shifted to Inboard Settler at 2130, Added 3 gal L.O. to #1 fuel pump added 3 gal L.O. to #2 fuel pump, Made Rounds + Insp of Mach + Eng. spaces, Advanced Ships Clock 20 Min @ 2300

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. ADVANCED CLOCKS 20 MINS @ 0100 DAILY test of Stby L.O. pump FOR 1-hr. INSPected + CLEANED MAIN L.O. disch. STRAINER. PUMPED UP PORT SETTLERS FROM #4 & DEEP & 3 PORT PUMPED BILGES. Checked STEERING E.R. GEAR. CLEANED F.O. TRANSFER STRAINER. MADE ROUTINE ROUNDS ON MACH + ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before. Changed bottom burner on #1 + 2 boilers 0430 Advanced Clocks (20 min) Shifted F.O. Sucr. and disch. strainers to #1 + 2 boilers. 0545 ~~Fireman~~ HJ Lindsley got trash in right eye from vent blower system, he reported to sick bay + Corpsman removed same. 0655 set Modified Cruising Condition. Added one (1) gal. oil to #1 fuel Pump.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH

Underway Steaming 18 Nozz, 0800 to 0830 Blew tubes on #1 + 2 Boilers, Cleaned + Changed top burners #1 + 2 Boiler, Cleaned + Shifted F.O. Disch Strainers, Cleaned L.O. Strainers #1 + 2 Turbo Generators.
@ 1030 Shift F.O. Settler to outboard Suct, pumped bilges + Cargo holds Made Rounds + Insp of Mach + Eng spaces. added 2 gal L.O. to #1 fuel pump added 1 gal L.O. to #2 fuel pump, @ 1115 Secured #1 Evaporator.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER WATER READINGS 12-16 Cont. Tested Evap Flat Fire pump Relief valve Poped 130# PSI

STB'D	PORT
HOURS 1657	HOURS 1486
AKL 701	AKL 701
T-AKL 1226	T-AKL 1221
SAL. 331	SAL. 331
PHOS. 40	PHOS. 40
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE-TAP-116	7-C	VUNG TAU VIETNAM	SASEBO JAPAN	P2-S2-R2	2-4-5-67

	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)	2208 8190	2211 0990	2213 4300	2215 7670	2218 0980	2220 5430
TOTAL REVOLUTIONS (FOR WATCH)	22320	22800	23310	23370	23310	24450
AVERAGE RPM	73.3	95.0	97.1	97.4	97.1	101.8
F.O. METER (END OF WATCH)	1091 6050	1091 8750	1092 1360	1092 3960	1092 6590	1092 9180
F.O. CONSUMED	2780	2700	2610	2600	2630	2590
MACHINERY PARTICULARS — PRESSURES — THROTTLE	440	440	440	435	435	440
H.P. AHEAD	440	440	440	435	435	440
L.P. AHEAD	29	29	26	25	26	27
VACUUM	28.6"	28.5"	28.8"	28.8"	28.7"	29.1"
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	2.0	1.0	1.0	0	1.0
H.P. BLEEDER	72	80	72	74	76	72
I.P. BLEEDER	6	6	6	6	6	6
L.P. BLEEDER	8	8"	8	8"	8"	
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	680	685	670	680	705	675
L.P. EXHAUST	109	106	104	104	102	103
CONDENSATE	104	100	100	98	97	98
CIRC. WATER IN	78	78	72	73	74	71
CIRC. WATER OUT	90	88	86	86	86	84
L.O. TO COOLERS	126	126	126	125	127	127
L.O. FROM COOLERS	109	108	108	108	109	108
TEMPERATURE THRUST BEARING	118	118	117	117	118	117
FORWARD H.P. ROTOR BEARING	124	123	122	120	122	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	130	136	137	135	138	137
FORWARD L. P. ROTOR BEARING	132	133	131	130	132	131
AFT. L.P. ROTOR BEARING	128	128	128	127	128	128
HOTTEST GEAR BEARING FORWARD	150	150	154	150	152	154
HOTTEST GEAR BEARING AFT	145	145	146	145	145	146
AUX. COND. CONDENSATE	105/107		100/100	98/100		98/98
1ST STAGE FEED WATER HEATER	162	160	160	160	158	160
D. C. FEED WATER HEATER	240	240	240	240	238	240
~~3RD STAGE FEED WATER HEATER~~ RAT HP / LP	050 / 100	—	—	—		
BOILER PARTICULARS — TEMPERATURES — F.O. TO BURNERS P / S	200/200	180/185	160/170	175/165	170/170	180/170
F. O. BACK PRESSURE P / S	10/10	13/11	15/14	15/14	14/13	13/12
AIR TO FURNACE P / S	4.3/4.6	5.4/5.4	4.6/4.6	4.6/4.4	6.0/6.8	5.6/5.0
~~SALINITY UPTAKE~~	.41	.41	.41	.41	.41	.41
MAIN STEAM	440	440	440	435	435	440
SUPER HEAT	680	685	670	680	705	675
BOILER PARTICULARS — PRESSURES — F.O. TO BURNERS P / S	150/150	155/160	145/150	155/160	160/180	165/165
F.O. TEMP. IN SETTLING TANKS P / S	80/80	80/80	80/80	80/80	80/80	80/85
PORT BOILER UPTAKE	325	320	325	325	335	320
STBD. BOILER UPTAKE	320	320	325	315	335	315
MISCELLANEOUS — ENGINE ROOM TEMPERATURE	84	82	80	78	76	74
FIRE ROOM TEMPERATURE	84	82	80	78	76	74
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					13 1/4	
CO_2 % STBD. BOILER					13 3/4	
OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"	1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	440	680	9	119	109		62	750	750	235
	2	1200	440	680	7	137	121		62	700	700	235
1600 TO 2000	1	1200	460	685	9	120	110		61	500	500	235
	2	1200	460	685	7	134	120		63	800	800	235
2000 TO 2400	1	1200	440	670	9	120	110		62	650	650	235
	2	1200	440	670	7	134	120		62	650	650	235
2400 TO 0400	1	1200	435	680	9	119	110		62	650	600	235
	2	1200	435	680	7	132	116		62	700	650	235
0400 TO 0800	1	1200	460	705	9	123	110		61	500	500	240
	2	1200	460	705	7	130	116		63	750	750	240
0800 TO 1200	1	1200	440	675	9	118	109		62	600	550	235
	2	1200	440	675	7	131	118		62	650	650	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10929180
	METER PREVIOUS NOON	10913270
	CONSUMED BY METER	15910
	ON HAND AT START OF DAY	13,044
	RECEIVED DURING DAY	-0-
	EXPENDED DURING DAY	671
	REMAINING ON BOARD	12,373
DOMESTIC WATER	ON HAND AT START OF DAY	864
	EVAPORATED OR RECEIVED	64
	ON HAND	880
	CONSUMED	48

BOILER WATER	ON HAND AT START OF DAY	340
	EVAPORATED OR RECEIVED	33
	ON HAND	351
	CONSUMED	22
LUBE OIL	ON HAND AT START OF DAY	2520
	RECEIVED	-0-
	ON HAND	2510
	CONSUMED	10
DIESEL OIL		1358
ON HAND		1355
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 Pos.	5.09
DETENTION TIME	-0-	BBL FUEL/MI	1.38 / 1.31
TOTAL REVOLUTIONS AVG	136,835	WIND DIRECTION	000
AVERAGE R.P.M.	95.0	STATE OF SEA	CALM
TOTAL MILES BY ENGINE	510	STATE OF WEATHER	61°
TOTAL MILES BY OBSERVATION	484		

FROM TO 60-484

REMARKS

1200-1600 WATCH

Underway on 18 Nozz Mach Inaperation 1+2 Boilers 1+2 F.D. Blowers 1+2 F.O. Pumps. 1+2 MN.F.D. Pumps. MN.+Aux Air Ejectors. MN+Aux Circ Pumps. MN+Aux Cond Pumps. MN. Air Compression. L.O. Purifier. L.O.S. pump. 1+2 Aux Generators. A.C. unit. Stbd Steering Gear Tested overspeed trip Low L.O. alarm on MN Turbine & Thrott. Pumped up Port Settlers from #3 P/S D.B. tks. Pumped Bilges. Checked Steering E.R. Gear. added 1 gal L.O. ea to 1+2 MN Feed pumps. Pumped Bilges in Evap Flat. Elect installed telephone between the Engine Rooms. Made Routine Rounds on Mach & Engs Spaces.

WATCH ENGR'S SIGNATURE- George Bussey

1600-2000 WATCH

Steaming as before. 1555 to 1615 blew Tubes on #1 & 2 boilers. Changed bottom burner in #1 & 2 boilers. shifted & Cleaned F.O. disch. strainer to #1 & 2 boilers. Checked all operating Mach. inspected S.E. room. 1821 sun set. W.T. Doors Closed B/B. Pumped ~~bilges~~. Cargo holds & Evap. bilges. Added One gal. ~~Eng~~ oil Ea. to #1 & 2 feed Pumps.

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH

Underway Steaming on 18 Nozz. Cleaned + Changed tips burners #1+2 Boilers Clean + Shift F.O. Disch strainers, Clean + Shift L.O. Strainers #1+2 Generators. @ 2110 Shift Foul oil Settler to outboard Suct @ 2210 Secured Air Cond Unit, Made Rounds + Insp of Mach + Eng spaces.

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH

Underway on 18 Nozz Mach As Before. Changed & Cleaned Center F.O. Burners and P/S disch strainers. Daily test of stby L.O. pump for 1-hr. Pumped Port Settlers from 3 P/S D.B. Tks. Inspected & Cleaned Main L.O. disch strainer. Checked Steering E.R. Gear. Pumped Bilges. Made Routine Rounds on Mach & Engs Spaces.

WATCH ENGR'S SIGNATURE- George Bussey

0400-0800 WATCH

Steaming as before. Changed bottom burner in #1 & 2 boilers. shifted F.O. suct. and disch. strainers to #1 & 2 boilers. Compounded #1 boiler with 8 oz. 9MS + 2 oz. 15MS. Checked all operating Mach. + insp. S.E. room. shifted and Cleaned Main L.O. strainer. #1 feed Pump leaking water Cylinder on #3 Piston. Started aux feed Pump and slowed #1 to 1/2 speed. 0714 W.T. doors opened B/B. Added One D. Gal. oil to Ea. #1 & 2 feed Pumps.

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH

Underway, Steaming 18 Nozz, 0800 to 0830 Blew tubes on #1+2 Boilers Cleaned + Changed top burners 1+2 Boilers, Cleaned + Shift F.O. Disch Strainers Clean + Shift L.O. Strainers #1+2 Generators, Cut in steam heating to upper Decks @ 0845, Made Rounds + Insp of Mach + Engine Spaces.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS 1681	HOURS 1576
AKL 759	AKL 1050
T-AKL 1295	T-AKL 1635
SAL. 331	SAL. 331
PHOS. 45	PHOS. 50
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- Scott [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	7-C	Vung Tau Vietnam	Sasebo Japan	P2-S2-R2	2-5-6-67

		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)		2222 8940	2225 3340	2227 5900	2229 9360	2232 2890	2234 7180
TOTAL REVOLUTIONS (FOR WATCH)		23510	24400	23560	23460	23530	24290
AVERAGE RPM		97.9	101.6	98.2	97.7	98.0	101.5
F.O. METER (END OF WATCH)		1093 1800	1093 4370	1093 6920	1093 9580	1094 2140	1094 4710
F.O. CONSUMED		2620	2570	2550	2660	2560	2600
MACHINERY PARTICULARS – PRESSURES	THROTTLE	435	435	440	440	440	440
	H.P. AHEAD	435	435	440	440	440	440
	L.P. AHEAD	25	26	26	25	26	26
	VACUUM	28.8"	28.7"	28.2	28.8	29"	29.2"
	L.O. TO TURBINES	12	12	12	12	12	12
	AUX. STEAM	150	150	150	150	150	150
	BACK PRESSURE	9	9	9	9	9	9
	GLAND STEAM	1.0	1.0	1.0	1.0	1.0	1.0
	H.P. BLEEDER	72	66	72	72	72	72
	I.P. BLEEDER	5	6	6	5	6	6
	L.P. BLEEDER	8"	8"	9"	9"	9	10"
MACHINERY PARTICULARS – TEMPERATURES	STEAM AT THROTTLE	690	700	700	690	680	700
	L.P. EXHAUST	101	102	103	100	95	95
	CONDENSATE	95	96	98	93	86	87
	CIRC. WATER IN	72	73	72	68	62	61
	CIRC. WATER OUT	84	84	82	80	74	73
	L.O. TO COOLERS	127	127	127	127	127	127
	L.O. FROM COOLERS	108	108	108	108	108	108
	TEMPERATURE THRUST BEARING	118	118	117	116	118	116
	FORWARD H.P. ROTOR BEARING	122	120	120	121	118	120

		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	136	135	136	136	140	135
	FORWARD L. P. ROTOR BEARING	130	130	130	130	130	131
	AFT. L.P. ROTOR BEARING	127	128	127	127	128	127
	HOTTEST GEAR BEARING FORWARD	152	150	153	153	152	158
	HOTTEST GEAR BEARING AFT	145	145	146	145	145	146
	AUX. COND. CONDENSATE	96/98		96/98	90/92	—	88/86
	1ST STAGE FEED WATER HEATER	156	158	161	156	156	158
	D. C. FEED WATER HEATER	240	238	240	240	240	238
	~~3RD STAGE FEED WATER HEATER~~ ROTOR H.P. / L.P.	.050/.100	—	—	—	-	
BOILER PARTICULARS – ~~TEMPERATURES~~ PRESSURES	F.O. TO BURNERS P/S	185/180	180/175	180/180	185/185	175/175	170/
	F. O. BACK PRESSURE P/S	12/12	12/12	14/12	14/14	12/14	14/12
	AIR TO FURNACE P/S	5.4/5.2	5.0/54	50/5.8	5.2/5.4	5.0/50	5.2/5.2
	~~Salinity UPTAKE~~	.41	.41	.41	.41	.41	.41
	MAIN STEAM	435	435	440	440	450	440
	SUPER HEAT	690	700	700	690	680	700
	F.O. TO BURNERS P/S	155/155	175/175	160/165	165/165	175/175	170/190
	F.O. TEMP. IN SETTLING TANKS P/S	80/75	90/90	85/90	80/85	90/90	90/90
	PORT BOILER UPTAKE	325	320	325	325	325	320
	STBD. BOILER UPTAKE	315	320	335	335	335	320
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	76	74	67	67	72	66
	FIRE ROOM TEMPERATURE	76	74	67	67	72	66
	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					13%	
	CO_2 % STBD. BOILER					13%	
	OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"	1'3"

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	690	9	120	110		62	550	500	235
	2	1200	435	690	7	131	116		62	650	650	235
1600 TO 2000	1	1200	460	700	9	120	110		61	550	500	235
	2	1200	460	700	7	130	116		63	700	650	235
2000 TO 2400	1	1200	440	700	9	120	110		62	500	550	235
	2	1200	440	700	7	131	117		63	650	700	235
2400 TO 0400	1	1200	440		9	117	109		62	550	500	235
	2	1200	440		7	128	112		62	650	650	235
0400 TO 0800	1	1200	460	680	9	117	108		61	550	550	235
	2	1200	460	680	7	120	112		63	700	700	235
0800 TO 1200	1	1200	440	700	9	118	109		62	650	650	235
	2	1200	440	700	7	124	112		63	700	700	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10944740	BOILER WATER	ON HAND AT START OF DAY	351
	METER PREVIOUS NOON	10929180		EVAPORATED OR RECEIVED	40
	CONSUMED BY METER	15560		ON HAND	343
	ON HAND AT START OF DAY	12,373		CONSUMED	48
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	2510
	EXPENDED DURING DAY	721		RECEIVED	-0-
	REMAINING ON BOARD	11,652		ON HAND	2500
DOMESTIC WATER	ON HAND AT START OF DAY	880		CONSUMED	10
	EVAPORATED OR RECEIVED	57	DIESEL OIL		1355
	ON HAND	910	ON HAND		1352
	CONSUMED	27	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	
DETENTION TIME	-0-	BBL FUEL/MI	
TOTAL REVOLUTIONS	138440	WIND DIRECTION	
AVERAGE R.P.M.	96.1	STATE OF SEA	
TOTAL MILES BY ENGINE	516	STATE OF WEATHER	
TOTAL MILES BY OBSERVATION			

REMARKS

1200-1600 WATCH
Underway on 18 Nozz Mach Inoperation 1+2 Boilers 1+2 F.D. Blowers 1+2 F.O. Pumps. 1+2 MN. F.D. Pumps Stby to #1 Boiler. MN+Aux Air Ejectors. MN+Aux Circ pumps. MN+Aux Cond. pumps. Main Air Compressor. L.O. purifier. L.O.S. Pump. 1+2 Aux Generators. Stbd Steering Gear. Tested overspeed trip Low L.O. Alarm on MN. Turbine & Throtl. Pumped up Port settlers from #3 P/S DB Tks. Pumped Bilges. Checked Steering E.R. Gear. Made Routine Rounds on Mach + Engs Spaces. Added 1 Gal L.O. to #2 MN Feed Pump.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH
Steaming as before. 1550 to 1615 blew tubes on #1+2 boilers. Changed bottom burner in #1+2 boilers. Shifted and Cleaned F.O. Disch. Strainer to #1+2 boilers. Checked all operating mach. insp. S.E. room. 1814 Sun set. W.T. Doors Closed B/B.

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH
Underway Steaming 18 Nozz, Cleaned + Changed Top Burners #1+2 Boilers Cleaned + Shift F.O. Disch Strainers. Clean + Shift L.O. Strainers #1+2 Generators. Checked Steering engine Room at 2030 and 2230. Made Rounds + Insp of Mach + Eng. Spaces

WATCH ENGR'S SIGNATURE- K Summers

2400-0400 WATCH
Underway on 18 Nozz Mach as Before. Changed + Cleaned Center F.O. burners P/S disch strainers. Daily test of stby L.O. pump for 1-hr. Pumped up Port settlers from #5 P/S Tk. Pumped Bilges. Inspected + Cleaned Main L.O. disch. strainers. Checked Steering E.R. Gear. Opened WTD-6-118-1 for 1-hr with permission from Bridge. Pumped Refer Flat bilge to a safe level. Made Routine Rounds on Mach + Engs Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH
Steaming as before. Changed bottom burner in #1+2 boilers. Shifted + Cleaned F.O. Suct. + Disch. Strainers to #1+2 boilers. Checked all operating mach. and insp. S.E. room. Shifted + Cleaned Main L.O. strainer. 0714 Sun rise W.T. doors opened B/B.

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH
Underway Steaming 18 Nozz. 0800 6 C53 Blew tubes #1+2 Boilers, 0830 Checked Steering Eng Room, Cleaned + Changed Top Burners #1+2 Boilers Clean + Shift F.O. Disch strainers, Clean + Shift L.O. Strainers #1+2 Gen Checked steering engine room at 1030, Made rounds and Insp of Mach + Eng spaces, Pumped bilges + Cargo holds.
Added 2 gal. L.O. to #1 Feed pump.

WATCH ENGR'S SIGNATURE- K Summers

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS 1725	HOURS 1634
AKL 8/8	AKL 10-5/1
T-AKL 1492	T-AKL 1515
SAL. 331	SAL. 331
PHOS. 30	PHOS. 30
P.Alk 10	P.Alk 10

CHIEF ENGR'S SIGNATURE- Scott [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAP-110	7-D	Sasebo, Japan		P.2	2-6-7-67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	+20 48					
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	2235 2630					
TOTAL REVOLUTIONS (FOR WATCH)	5450					
AVERAGE RPM	80					
F.O. METER (END OF WATCH)	1094 6600	1094 7110	1094 7590	1094 8070	1094 8520	1094 8970
F.O. CONSUMED	1860	510	480	480	450	450
MACHINERY PARTICULARS — PRESSURES — THROTTLE	—					
H.P. AHEAD	—					
L.P. AHEAD	—					
VACUUM	25	25		—		
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	3	2.5	—	—		
H.P. BLEEDER		—				
I.P. BLEEDER		—				
L.P. BLEEDER		—				
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE		—				
L.P. EXHAUST	150	145	145	127	120	115
CONDENSATE	65	65	65	—	—	—
CIRC. WATER IN	54	54	55	51	53	53
CIRC. WATER OUT	55	54	56	52	55	55
L.O. TO COOLERS	110	110	110	108	108	108
L.O. FROM COOLERS	106	104	106	104	104	104
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	240	240	238	238	238	240
3RD STAGE FEED WATER HEATER	—	—	—			
BOILER PARTICULARS — TEMPERATURES — F.O. TO BURNERS	150	156	130	130	140	160
F. O. BACK PRESSURE	8	8	5	6	6	6
AIR TO FURNACE	1.0	1.0	1.0	1.2	1.4	1.5
~~UP TAKE~~ SALINITY		—	—	—	—	—
MAIN STEAM	450	450	440	440	440	440
SUPER HEAT		—				
BOILER PARTICULARS — PRESSURES — F.O. TO BURNERS	160	165	160	150	165	165
F.O. TEMP. IN SETTLING TANKS	80/80	85/80	85/80	90/85	100/85	100/85
PORT BOILER UPTAKE	350	355	350	360	360	360
STBD. BOILER UPTAKE		—	—			—
MISCELLANEOUS — ENGINE ROOM TEMPERATURE	72	70	64	64	66	68
FIRE ROOM TEMPERATURE	72	70	64	64	66	68
NOZZLES IN USE		—	—	—		—
NO. OF BURNERS IN USE		2	2	2	2	1
BURNER TIP SIZE		53/60	53/60	53/60	53/60	53/60
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		9	118	108		62	1000	1000	235
	2	1200	440		7	122	105		61	1000	1000	235
1600 TO 2000	1	1200	450	—	9	118	108	—	61	1100	1100	240
	2	1200	450	—	7	122	108	—	63	1050	1050	240
2000 TO 2400	1	1200	440		9	119	108		61	1000	1000	240
	2	1200	440	—	7	122	110		62	1000	1000	240
2400 TO 0400	1	1200	440		9	118	108		62	1000	1000	240
	2	1200	440		7	122	105		61	1000	1000	240
0400 TO 0800	1	1200	440		9	119	109		62	1050	1050	240
	2	1200	440		7	124	119		61	1050	1050	240
0800 TO 1200	1	1200	440		9				62			235
	2	1200	440		7				61			235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10948770	BOILER WATER — ON HAND AT START OF DAY	343
	METER PREVIOUS NOON	10944740	EVAPORATED OR RECEIVED	-0-
	CONSUMED BY METER	4030	ON HAND	310
	ON HAND AT START OF DAY	11,652	CONSUMED	33
	RECEIVED DURING DAY	-0-	LUBE OIL — ON HAND AT START OF DAY	2500
	EXPENDED DURING DAY	66	RECEIVED	-0-
	REMAINING ON BOARD	11,586	ON HAND	2495
DOMESTIC WATER	ON HAND AT START OF DAY	910	CONSUMED	5
	EVAPORATED OR RECEIVED	200	DIESEL OIL	1352
	ON HAND	1060	ON HAND	1350
	CONSUMED	50	CONSUMED	2

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

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	2

SUMMARY

RUNNING TIME	48	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 Reduced Speed to 80 RPM B/O Bridge @1200 ARR: @ 1248 C+R 22352630 FOM #1-3784780 - #2-7160670. Shifted Main Scr Suct to high. FWE @1425 CtR 22354870 . FOM #1-3785140 - #2-7161070. Secured M.S.&B.S. Engaged Jacking Gear and Started Turning Motor @1433. Bells as per Bell Book. Secured 1st Stage on Main Air Ejector. Shifted Elect Load from Aft @1520 Started Elect FW Pump @1530 Secured #1 Boiler @1540 Pumped Bilges. Made Rounds on Mach & Eng's Spaces.

Watch Elect Joe Gutierrez 2nd WATCH ENGR'S SIGNATURE- Henry Burney

1600-2000 WATCH
Steaming #2 boiler for aux purposes. Vacuum up on main unit with L.O. system in operation. #1 & 2 turbo gen carrying Elect. load. taking fresh water from the dock, filling Peak Tank FWD. Checked all operating mach. & spaces

Oiler Queen F.W.T. Lindsley WATCH ENGR'S SIGNATURE- H.M. Jones

2000-2400 WATCH
In port, Sasebo Japan. @ 2030 Broke Vacuum on Main Unit Secured Main Air Ejector, Main Cond. pump. Cleaned & Changed Burners #2 Boiler. Made Rounds & Insp of Mach & Eng spaces. Added 2 gal oil to #2 fuel pump

Oiler Lovell 7th Hughes Refer Brown WATCH ENGR'S SIGNATURE- R. Summers

2400-0400 WATCH
Port Watch Sasebo Japan Mach Inoperation as Before. Changed & Cleaned Bottom Fo-Burner & port disch strainer. Bilges at safe level. Daily Test of stby L.O. pump for 1-hr. Shifted & Cleaned Main L.O. strainer. Made Routine Inspections of Mach & Eng's Spaces.

Oiler Stallworth FWT Morgan Refer Gintel WATCH ENGR'S SIGNATURE- Henry Burney

0400-0800 WATCH
Port Watch Sasebo Japan Mach Inoperation as before. Vented #2 Boiler @0430 Shifted & Cleaned Port Fo. strainers. Checked Steering E.R. Bilges at safe level. Made Routine Rounds on Mach & Engs Spaces.

Oiler Stallworth FWT Morgan Refer Gintel WATCH ENGR'S SIGNATURE- Henry Burney

0800-1200 WATCH
Port watch Sasebo Japan. Mach. as previous watch. Checked all operating Mach. & spaces. Men working on various valves & pumps.

OILER-QUEEN F/O LINDSLEY WATCH ENGR'S SIGNATURE- H.M. Jones

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS	HOURS 1453
AKL ~~737~~	AKL 934
T-AKL ~~14~~	T-AKL 1460
SAL.	SAL. 2.90
PHOS.	PHOS. 50
R.ph	R-ph 10

CHIEF ENGR'S SIGNATURE- Curtis T.

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	7-D	Sasebo Japan		P-2-H	7+8 FeB-1967

	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)	1094 9480	1094 9970	1095 0460	1095 0790	1095 1220	1095 1670
F.O. CONSUMED	710	490	490	330	430	450
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM	~~25"~~					
L.O. TO TURBINES	12					
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	3			–		–
H.P. BLEEDER	—			–		—
I.P. BLEEDER	—			–		—
L.P. BLEEDER	—			–		–
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE				–		
L.P. EXHAUST	115	110	–			
CONDENSATE						
AUX CIRC. WATER IN	53	53	53	53	55	55
AUX CIRC. WATER OUT	55	55	55	55	62	62
L.O. TO COOLERS	108			–		
L.O. FROM COOLERS	104			–		
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	240	238	238	238	238	240
3RD STAGE FEED WATER HEATER	—					
BOILER PARTICULARS – TEMPERATURES – F.O. TO BURNERS	200	155	155	150	165	160
F. O. BACK PRESSURE	6	6	6	6	6	6
AIR TO FURNACE	1.0	1.0	1.0	1.0	1.2	1.2
Salinity UPTAKE	–					
MAIN STEAM	440	440	440	440	440	440
SUPER HEAT	—					
BOILER PARTICULARS – PRESSURES – F.O. TO BURNERS	170	165	165	165	165	165
F.O. TEMP. IN SETTLING TANKS	100/85	85/85	85/85	90/75	95/80	95/80
PORT BOILER UPTAKE	360	365	365	365	355	
STBD. BOILER UPTAKE	–					
MISCELLANEOUS – ENGINE ROOM TEMPERATURE	70	68	68	68	70	70
FIRE ROOM TEMPERATURE	70	68	68	68	70	70
NOZZLES IN USE	—					
NO. OF BURNERS IN USE	1	1	1	1	1	1
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	—					—

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	–	9	119	109	–	62	1100	1100	235
	2	1200	440	–	7	124	109	–	61	1100	1100	235
1600 TO 2000	1	1200	440	–	9	120	110		62	750	750	235
	2	1200	440		7	122	108	–	62	750	750	235
2000 TO 2400	1	1200	440		9	120	110		62	700	700	235
	2	1200	440		7	122	108		62	700	700	235
2400 TO 0400	1	1200	440		9	118	108		62	750	750	235
	2	1200	440		7	122	108		62	700	700	235
0400 TO 0800	1	1200	440		9	118	108		62	750	750	235
	2	1200	440		7	123	109		62	700	700	235
0800 TO 1200	1	1200	440		9	118	108		62	750 ~~1350~~	750 ~~1350~~	235
	2	1200	440		7	123	109		62	750	750	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10951670	BOILER WATER	ON HAND AT START OF DAY	310
	METER PREVIOUS NOON	10948770		EVAPORATED OR RECEIVED	-0-
	CONSUMED BY METER	2900		ON HAND	290
	ON HAND AT START OF DAY	11,586		CONSUMED	20
	RECEIVED DURING DAY	7978	LUBE OIL	ON HAND AT START OF DAY	2496
	EXPENDED DURING DAY	64		RECEIVED	-0-
	REMAINING ON BOARD	19,500		ON HAND	2490
DOMESTIC WATER	ON HAND AT START OF DAY	1060		CONSUMED	6
	EVAPORATED OR RECEIVED	-0-	DIESEL OIL		1350
	ON HAND	1010	ON HAND		1347
	CONSUMED	50	CONSUMED		3

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

L.O. CENTRIFUGE - HOURS OPERATED

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

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 Port watch Sea's in port. The Mach in operation. #2 boiler #1 + 2 turbs Gen. air Circulator + Condensate Pumps and air ejector, #1 Cleat fresh water Pump. #2 fire + Sanitation Pump. Main L.O. Pump Main Circ. Pump jacking gear engaged. L.O. Purifier in operation. Shifted + Cleaned F.O. disch. strainer to #2 boiler. Pumped shaft alley bilges. Checked all operating mach. OILER QUEEN F/W LINDSLEY. @ 0645 secured L.O. Pump + F.O. also L.O. Purifier.

WATCH ENGR'S SIGNATURE- J M Jones

1600-2000 WATCH In port, mach in operation as before, cleaned burner, Clean + Shift F.O. Disch. Strainer Bilges at safe level Made Rounds of Mach + Eng spaces.

Oiler Lovell FWT Hughes Refer Allen. WATCH ENGR'S SIGNATURE- R Summers

2000-2400 WATCH In port, mach on operation as before, cleaned L.O. strainers on #1 + 2 Generators Made Rounds + Insp of mach + Eng Spaces. Bilges at Safe level

Oiler Lovell - FWT - Hughes Refer - Allen. WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH IN port Watch Mach in operation as Before. Took the top off #2 #3 #4 + #5 F.O. htrs. Cleaned port F.O. strainer. Bilges At Safe Level. Made Routine Rounds on Mach and Eng's Spaces.

Oiler Stallworth FWT Morgan. Refer Gintel. WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH Port Watch Mach as Before. Changed + Cleaned F.O. burner in #2 Boiler + port disch strainer. Bilges At safe Level. Made Routine Inspection of Mach + Engs Spaces.

Oiler Stallworth FWT Morgan Refer Gintel WATCH ENGR'S SIGNATURE- George Bunney

0800-1200 WATCH Steaming as before, Checked all operating Mach. + S.E. room. Changed + Cleaned burner, shifted F.O. disch. strainer. Pumped shaft alley bilges. Men working on drains + fuel Pump #1.

OILER-QUEEN-F/W LINDSLEY WATCH ENGR'S SIGNATURE- J M Jones

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS	HOURS 1582
AKL	AKL 9.34
T-AKL	T-AKL 1460
SAL.	SAL. 3.31
PHOS.	PHOS. 3-8
R.ph	R.ph 10

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	7-D	At. Sasebo Japan		P-2-G	8-9-Feb-1967

	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	1095 1670	1095 2530	1095 3010	1095 3330		
F.O. METER (END OF WATCH)	~~1674~~ ~~4470~~			1095 3330	1095 3750	1095 4200
F.O. CONSUMED	410 ~~710~~	450	480	320	420	450

MACHINERY PARTICULARS		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
PRESSURES	THROTTLE						
	H.P. AHEAD						
	L.P. AHEAD						
	VACUUM						
	L.O. TO TURBINES						
	AUX. STEAM	150	150	150	150	150	150
	BACK PRESSURE	9	9	9	9	9	9
	GLAND STEAM	—					
	H.P. BLEEDER	—					
	I.P. BLEEDER						
	L.P. BLEEDER	—					
TEMPERATURES	STEAM AT THROTTLE						
	L.P. EXHAUST						
	CONDENSATE						
	CIRC. WATER IN	53	53	55	55	55	55
	CIRC. WATER OUT	62	61	64	64	65	65
	L.O. TO COOLERS						
	L.O. FROM COOLERS						
	TEMPERATURE THRUST BEARING						
	FORWARD H.P. ROTOR BEARING						

MACHINERY PARTICULARS (CONT'D)		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
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	240	238	238	238	238	238
	3RD STAGE FEED WATER HEATER						

BOILER PARTICULARS		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES	F.O. TO BURNERS	100	140	140	135	170	165
	F. O. BACK PRESSURE	5	5	5	5	5	5
	AIR TO FURNACE	1.0	1.0	1.0	1.0	1.2	1.2
	UPTAKE	~~3~~					
	MAIN STEAM	~~440~~	440	440	440	440	440
PRESSURES	SUPER HEAT	—					
	F.O. TO BURNERS	165	165	165	165	165	165
	F.O. TEMP. IN SETTLING TANKS	80/80	80/80	80/80	100/100	95/110	95/105
	PORT BOILER UPTAKE	365	360	360	360	360	365
	STBD. BOILER UPTAKE						

MISCELLANEOUS	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
ENGINE ROOM TEMPERATURE	72	70	69	69	69	69
FIRE ROOM TEMPERATURE	72	70	69	69	69	69
NOZZLES IN USE	—					
NO. OF BURNERS IN USE	1	1	1	1	1	1
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	—					

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	—	9	120	110	—	61	750	750	235
	2	1200	440	—	7	124	110	—	63	900	900	235
1600 TO 2000	1	1200	440		9	120	110		62	750	750	235
	2	1200	440		7	122	108		63	750	750	235
2000 TO 2400	1	1200	440		9	120	110		62	750	750	235
	2	1200	440		7	124	108		63	800	800	235
2400 TO 0400	1	1200	440		9	118	108		62	700	700	235
	2	1200	440		7	122	109		62	750	750	235
0400 TO 0800	1	1200	440		9	118	108		62	850	800	235
	2	1200	440		7	122	109		62	900	850	235
0800 TO 1200	1	1200	440		9	118	108		62	800	800	235
	2	1200	440		7	122	109		62	850	850	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10954200	BOILER WATER	ON HAND AT START OF DAY	290
	METER PREVIOUS NOON	10951670		EVAPORATED OR RECEIVED	-0-
	CONSUMED BY METER	2530		ON HAND	280
	ON HAND AT START OF DAY	19,500		CONSUMED	10
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	2490
	EXPENDED DURING DAY	60		RECEIVED	-0-
	REMAINING ON BOARD	19,440		ON HAND	2485
DOMESTIC WATER	ON HAND AT START OF DAY	1010		CONSUMED	5
	EVAPORATED OR RECEIVED	169	DIESEL OIL		1347
	ON HAND	1129	ON HAND		1345
	CONSUMED	40	CONSUMED		2

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

L.O. CENTRIFUGE - HOURS OPERATED

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

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 In Port. passed Japan. steam apt. on # 2 boiler # 1 + 2 turbo Gen. Aux. Circulator + Condensate Pumps. # 1 fresh water Elect. Pump. # 2 fire Pump Changed burner + shifted F.O. disch. strainer. Pumped shaft alley bilges, Checked all Engineering spaces + operating machinery.

OILER QUEEN F/W LINDSLEY WATCH ENGR'S SIGNATURE- Hm Jones

1600-2000 WATCH In port, Mach in operation as before. Cleaned & Changed burner. Port boiler, Opened Fireides # 1 Boiler, Made Rounds of Mach + Eng spaces hourly, Bilges at Safe level.

Oiler - Lovell - 1st Higbee - Refer - Allen WATCH ENGR'S SIGNATURE- R Summers.

2000-2400 WATCH In port. Changed Burner Changed L.O. Strainers on # 1 + 2 Gen. Bilges at Safe level, Made Rounds + Insp of Mach + Eng Spaces added 1 gal L.O. to # 2 main fuel pump.

Oiler - Lovell - 1st Higbee - Refer - Allen WATCH ENGR'S SIGNATURE- R Summers.

2400-0400 WATCH IN port Watch Mach inoperation as Before. Shifted + Cleaned Port F.O. STRAINER. Held ENG'S CASUALTY drill B-8. High SALINITY IN Boiler While STEAMING WATCH INST. AND Bridge Notified 0200-0220 Made Routine Rounds on Mach + ENG'S SPACES.

Oiler Stallworth FWT Morgan. Refer Gintel. WATCH ENGR'S SIGNATURE- George Barney

0400-0800 WATCH Port Watch Mach as Before. Changed + Cleaned F.O. burners on #2 Boiler. and disch strainer. Bilges at A Safe Level. Made Routine Rounds on Mach And Eng's SPACES.

Oiler Stallworth FWT-Morgan Refer Gintel WATCH ENGR'S SIGNATURE- George Barney

0800-1200 WATCH Steaming as before. Changed burner, shifted + Cleaned F.O. disch. strainer. Checked all Eng. spaces. Continued work on Equipment.

OILER- QUEEN F/W LINDSLEY WATCH ENGR'S SIGNATURE- Hm Jones

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS	HOURS 1606
AKL	AKL 876
T-AKL	T-AKL 1285
SAL.	SAL. 351
PHOS.	PHOS. 10
R.ph	R.ph 10

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	7-D	Sasebo Japan		P2-E	9-10 Feb 1961

	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)	1095 4610	1095 5020	1095 5630	1095 6410	1095 7000	1095 7490
F.O. CONSUMED	410	410	610	780	590	490
MACHINERY PARTICULARS — PRESSURES — THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	150	150	150	130	150	130
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	—					
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
TEMPERATURES — STEAM AT THROTTLE						
L.P. EXHAUST						
CONDENSATE						
CIRC. WATER IN	53	55	55	55	55	55
CIRC. WATER OUT	62	62	62	63	63	63
L.O. TO COOLERS				98	98	98
L.O. FROM COOLERS				94	94	94
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	238	238	238	238	238	238
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS — TEMPERATURES — F.O. TO BURNERS	165	160	160	165	165	165
F. O. BACK PRESSURE	6	6	6	6	6	6
AIR TO FURNACE	1.2	1.0	1.0	1.0	1.0	1.0
UPTAKE	~~740~~					
MAIN STEAM	~~440~~	440	440	440	440	440
SUPER HEAT	—					
PRESSURES — F.O. TO BURNERS	160	160	160	160	160	160
F.O. TEMP. IN SETTLING TANKS	85/85	90/90	90/90	95/100	95/100	95/95
PORT BOILER UPTAKE	360	365	365	370	365	365
STBD. BOILER UPTAKE	—					
MISCELLANEOUS — ENGINE ROOM TEMPERATURE	70	69	69	69	68	66
FIRE ROOM TEMPERATURE	70	69	69	69	68	66
NOZZLES IN USE	—					
NO. OF BURNERS IN USE	1	1	1	1	1	1
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"

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	-	9	120	110	-	62	900	900	235
	2	1200	440	-	7	124	110	-	62	750	750	230
1600 TO 2000	1	1200	440		9	120	110		62	850	800	235
	2	1200	440		7	132	108		63	850	800	235
2000 TO 2400	1	1200	440		9	120	110		62	900	850	235
	2	1200	440		7	132	108		63	900	850	235
2400 TO 0400	1	1200	440		9	119	110		62	850	850	235
	2	1200	440		7	124	110		62	950	900	235
0400 TO 0800	1	1200	440		9				62	850	900	235
	2	1200	440		7				62	1050	1000	235
0800 TO 1200	1	1200	440		9				62	650	600	230
	2	1200	440		7				62	650	650	230

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1095440	BOILER WATER	ON HAND AT START OF DAY	280
	METER PREVIOUS NOON	1095 4200		EVAPORATED OR RECEIVED	-0-
	CONSUMED BY METER	3290		ON HAND	240
	ON HAND AT START OF DAY	19,440		CONSUMED	40
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	2485
	EXPENDED DURING DAY	100		RECEIVED	-0-
	REMAINING ON BOARD	19,340		ON HAND	2480
DOMESTIC WATER	ON HAND AT START OF DAY	1129		CONSUMED	5
	EVAPORATED OR RECEIVED	0		DIESEL OIL	1345
	ON HAND	1075		ON HAND	1342
	CONSUMED	54		CONSUMED	3

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
			3½	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 Steaming aux on #2 boiler #1+2 Turbo Gen, aux. Cond. & Circulator Pumps, aux. air ejector #1 fresh water pump. Changed burner, shifted F.O. disch. strainer. Men working on Equipment in space.

OILER-QUEEN F/W LINDSLEY. WATCH ENGR'S SIGNATURE- Hm Jones

1600-2000 WATCH In port. Cleaned & Changed Burner. Changed F.O. Strainer #1+2 Generators, Closed up #1 Boiler, made Rounds + Insp of Mach + Eng spaces, Bilges at safe level.

Oiler - Lovell - Jr WT Hughes - Rufer - Allen. WATCH ENGR'S SIGNATURE- R Summers.

2000-2400 WATCH In port. @ 2130 Lit off #1 Boiler, Intermittent Fires from drying out, Made Rounds + Insp of Mach + Eng spaces Bilges at safe level. ~~[illegible]~~

Oiler - Lovell - JWT - Hughes - Rufer. Allen. WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH IN PORT Watch MACH AS BEFORE. STARTED L.O. PURIFIER @ 0030 SHIFTED & CLEANED P/S F.O. DISCH. STRAINER. INTERMITTENT FIRES IN #1 BOILER. BILGES AT SAFE LEVEL. STARTED MAIN L.O. PUMP @ 0200 CIRCULATING OIL THROUGH MAIN UNIT. MADE ROUTINE ROUNDS ON MACH & ENG'S SPACES.

Oiler Stallworth F.W.T. Morgan Refer Gintel. WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH IN PORT WATCH MACH AS BEFORE. CHANGED & CLEANED F.O. BURNER IN #2 BOILER & STRAINER. RMN STBY L.O. PUMP 3-hr WITH LOAD. INTERMITTENT FIRES IN #1 BOILER. BILGES AT A SAFE LEVEL. MADE ROUTINE ROUNDS ON MACH AND ENG'S SPACES.

Oiler Stallworth F.W.T. Morgan Refer Gintel WATCH ENGR'S SIGNATURE- George Burney

0800-1200 WATCH Steaming as before, tied up to Pier Sasebo Japan. @ 0920 when Clearance by Bridge, @ 0925 started turning gear motor. @ 0930 started raising vacuum on main plant. Checked all Engineering spaces.

OILER QUEEN F/W HOUSER WATCH ENGR'S SIGNATURE- Hm Jones

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS	HOURS 1630
AKL	AKL 876
T-AKL	T-AKL 1285
SAL.	SAL. 3.31
PHOS.	PHOS. 45
R.ph	R.ph 16

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Sea John Cope	70	Sasebo Japan		P2	2-10-11-67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)	1095 7990					
F.O. CONSUMED	500					
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	10957970	BOILER WATER	ON HAND AT START OF DAY	240
	METER PREVIOUS NOON	10957490		EVAPORATED OR RECEIVED	
	CONSUMED BY METER	480		ON HAND	
	ON HAND AT START OF DAY	19,340		CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	2480
	EXPENDED DURING DAY			RECEIVED	
	REMAINING ON BOARD			ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1075		CONSUMED	
	EVAPORATED OR RECEIVED		DIESEL OIL		1342
	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
	2				

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

12.05 disengaged j.g. 1207 opened main stop 1210 hoist by telegraph. 1300 Jeby FOM-P 7172620 S-3785980 CTR-22355296-FWE-1454-CTR-22356850 FOM-7172010-S 3785980 @ 1455 closed main stops 1457 engaged j.g. 1500 Secured main plant 1505 secured II 1 & 2 turbo gen + aux plants 1505, secured II 2 boiler, mach. in operation main + aux circulator, main L.O. pump, L.O. purifier + turning gear, II 1 ~~fuel~~ fresh water pump

WATCH ENGR'S SIGNATURE- Hm Jones

1600-2000 WATCH

At anchor port watch machinery in operation as before main plant secd. secd. L.O. purifier @ 1800.

WATCH ENGR'S SIGNATURE- J Harris

2000-2400 WATCH

At anchor port watch plant secd. main unit on jacking machinery in operation F.W. pump L.O. pump fire + sanitary pump secd. aux. C.R.C. pumps @ 2300.

WATCH ENGR'S SIGNATURE- J Harris

2400-0400 WATCH

PLANT SECURED - F.W. PUMP IN OPERATION.
SECURED MAIN CIRC., JACKING GEAR & L.O.S. PUMPS @ 0200
BILGES AT SAFE LEVEL
VENT #1 & #2 BOILER DRUMS.

WATCH ENGR'S SIGNATURE- McPowell

0400-0800 WATCH

PLANT SECURED.

BILGES AT SAFE LEVEL

WATCH ENGR'S SIGNATURE- McPowell

0800-1200 WATCH

PLANT SECURED FRESH WATER PUMP ON LINE
BILGES AT SAFE LEVEL

WATCH ENGR'S SIGNATURE- Karsten

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS	HOURS
AKL	AKL
T-AKL	T-AKL
SAL.	SAL.
PHOS.	PHOS.
R.ph	R.ph

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Sen John Lope	70	Santo Japan		FS	2-11-12 67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
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						
STBO. BOILER UPTAKE						
MISCELLANEOUS – ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE						
BURNER TIP SIZE						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER			ON HAND	
	ON HAND AT START OF DAY	17,345		CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	
	EXPENDED DURING DAY			RECEIVED	
	REMAINING ON BOARD	17,185		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			

REMARKS

1200-1600 WATCH

PLANT SECURED FRESH WATER PUMP ON LINE
BILGES AT SAFE LEVEL. FRESH WATER PUMP ON LINE

WATCH ENGR'S SIGNATURE- Karsten

1600-2000 WATCH

Plant Secured F.W. Pump.

WATCH ENGR'S SIGNATURE- F. Harris

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- F. Harris

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- [illegible]

0400-0800 WATCH

PLANT SECURED
BILGES DRY

WATCH ENGR'S SIGNATURE- [illegible]

0800-1200 WATCH

PLANT SECURED
BILGES DRY

WATCH ENGR'S SIGNATURE- Karsten

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS	HOURS
AKL	AKL
T-AKL	T-AKL
SAL.	SAL.
PHOS.	PHOS.
R.ph	R.ph

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Sun John Cope	76	Sasebo Japan		P 2	12-13 FEB. 1967

	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		BOILER WATER – ON HAND AT START OF DAY	
	METER PREVIOUS NOON		EVAPORATED OR RECEIVED	
	CONSUMED BY METER		ON HAND	
	ON HAND AT START OF DAY	19,185	CONSUMED	
	RECEIVED DURING DAY		LUBE OIL – ON HAND AT START OF DAY	
	EXPENDED DURING DAY		RECEIVED	
	REMAINING ON BOARD	19,115	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			

REMARKS

1200-1600 WATCH

PLANT SECURED FRESH WATER PUMP ON LINE
PUMP CARGO HOLDS BILGES. STBD #4 PORT #3
BILGES AT SAFE LEVEL.

WATCH ENGR'S SIGNATURE- Karsten

1600-2000 WATCH

Plant Secured Fresh Water Pump on Line
Pumped Bilges.

WATCH ENGR'S SIGNATURE- L. Harris

2000-2400 WATCH

PLANT SECURED F.W. PUMP ON LINE.
BILGES DRY

WATCH ENGR'S SIGNATURE- McDonald

2400-0400 WATCH

PLANT SECURED.

WATCH ENGR'S SIGNATURE- McDonald

0400-0800 WATCH

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

PLANT SECURED FRESH WATER PUMP ON LINE.
BILGES DRY

WATCH ENGR'S SIGNATURE- Karsten

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS	HOURS
AKL	AKL
T-AKL	T-AKL
SAL.	SAL.
PHOS.	PHOS.
R.ph	R.ph

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Don John Cope	70	Sasebo Japan		PZ	19 Feb

	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		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON	1095990		EVAPORATED OR RECEIVED	
	CONSUMED BY METER			ON HAND	
	ON HAND AT START OF DAY	19,115		CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	
	EXPENDED DURING DAY			RECEIVED	
	REMAINING ON BOARD	19,050		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			

REMARKS

1200-1600 WATCH

PLANT SECURED
BILGES SECURED

WATCH ENGR'S SIGNATURE- Karsten

1600-2000 WATCH

Plant Secured Fresh Water Pump on Line
Pumped Bilges.

WATCH ENGR'S SIGNATURE- L. Harris

2000-2400 WATCH

Plant Secured machinery As Before

WATCH ENGR'S SIGNATURE- L. Harris

2400-0400 WATCH

PLANT SECURED. F.W. PUMP ONLINE
BILGES DRY

WATCH ENGR'S SIGNATURE- McDonald

0400-0800 WATCH

PLANT SECURED. MACH. AS BEFORE

WATCH ENGR'S SIGNATURE- McDonald

0800-1200 WATCH

PLANT SECURED MACH. AS BEFORE
PUMP PORT + STBD CARGO HOLDS #4P & #4S
CREW WORKING AS PER WORK LIST

WATCH ENGR'S SIGNATURE- Karsten

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS	HOURS
AKL	AKL
T-AKL	T-AKL
SAL.	SAL.
PHOS.	PHOS.
R.ph	R.ph

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
San John Pope	71	Sasebo Japan		P2	14-15 Feb 1967

	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)				1095 9240	1096 1260	1096 3310
F.O. CONSUMED						1150
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						
O. 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	1			Various								
	2											
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	1696330	BOILER WATER	ON HAND AT START OF DAY	210
	METER PREVIOUS NOON	1095 7990		EVAPORATED OR RECEIVED	-0-
	CONSUMED BY METER	5320		ON HAND	185
	ON HAND AT START OF DAY	19,050		CONSUMED	25
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	2455
	EXPENDED DURING DAY	150		RECEIVED	-0-
	REMAINING ON BOARD	18,900		ON HAND	2450
DOMESTIC WATER	ON HAND AT START OF DAY	750		CONSUMED	5
	EVAPORATED OR RECEIVED	107	DIESEL OIL		1332
	ON HAND	782	ON HAND		1330
	CONSUMED	75	CONSUMED		2

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
			2	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

PLANT SECURED FRESH WATER PUMP ON LINE
CREW WORKING AS PER WORK SHEET

WATCH ENGR'S SIGNATURE- Karsten

1600-2000 WATCH Plant Secured
Pumped Bilges

WATCH ENGR'S SIGNATURE- L. Harris

2000-2400 WATCH Plant Secured

WATCH ENGR'S SIGNATURE- L. Harris

2400-0400 WATCH Port watch Lit off #1+2 Boilers @ 0020 Intermittent Fires. Started L.O purifier @ 0200. Started Main L.O.S pump @ 0220 Secured 150# Crossover @ 0330 Made Routine Rounds on Mach + Eng's Spaces. Bilges At Safe Level

Oiler Stallworth FWT Morgan Refer Allen WATCH ENGR'S SIGNATURE- George Bunny

0400-0800 WATCH Lighting off #1+2 boilers for heating steam to aprox. four hundred lbs. L.O. Pump + L.O. Purifier in operation.

OILER QUEEN F/W LINDSLEY. WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH #1 Boiler on line, 1000 Rolling #1+2 Generators Bringing up Vacuum on Main + Aux Plant @ 1000 #2 Gen on line, @ 1000 Jacking gear engaged @ 1130 Put #1 Boiler on line, Take Rounds + Insp of Mach + Eng spaces, Bilges at Safe level.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER
@ 1000 #1 [illegible] 125 RPM [illegible]

BOILER WATER READINGS

STB'D	PORT
HOURS	HOURS
AXL	AXL
T-AXL	T-AXL
SAL.	SAL.
PHOS.	PHOS.
R.ph	R.ph

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
San John Pace	76	Santo Domingo		P2	15-16 Feb 1967

MACHINERY PARTICULARS

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		240	100	240		
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)			2236 / 8680	2239 / 1240	2337 / [illegible]	
TOTAL REVOLUTIONS (FOR WATCH)			8630	23160	[illegible]	
AVERAGE RPM			86.3	96.5	72.0	
F.O. METER (END OF WATCH)	1096 / 4270	1096 / 4780	1096 / 6670	1096 / 9370	1097 / [illegible]	1097 / 3050
F.O. CONSUMED	960	510	1890	2700	1950	1730
PRESSURES						
THROTTLE	—			435		
H.P. AHEAD	—			435		
L.P. AHEAD	—			20		
VACUUM	24"	26"	28	29"		
L.O. TO TURBINES	12.5	12.7	12.5	12		
AUX. STEAM	150	150	150	140		
BACK PRESSURE	9	9	9	9		
GLAND STEAM	2	1"	1"	1.5		
H.P. BLEEDER	—			68		
I.P. BLEEDER	—			6		
L.P. BLEEDER	—			11"		
TEMPERATURES						
STEAM AT THROTTLE	—			680	~~70~~	
L.P. EXHAUST	140	120	122	90	90	70
CONDENSATE	64	62	64	82	82	82
CIRC. WATER IN	52	51	51	53	52	52
CIRC. WATER OUT	53	52	52	70	72	72
L.O. TO COOLERS	106	106	106	125	128	128
L.O. FROM COOLERS	103	102	102	106	110	110
TEMPERATURE THRUST BEARING	—			118		
FORWARD H.P. ROTOR BEARING	—			112		

MACHINERY PARTICULARS (CONT'D)

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES (CONT'D)						
AFT. H. P. ROTOR BEARING	—			138		
FORWARD L. P. ROTOR BEARING	—			127		
AFT. L.P. ROTOR BEARING	—			128		
HOTTEST GEAR BEARING FORWARD	—			150		
HOTTEST GEAR BEARING AFT	—			140		
AUX. COND. CONDENSATE	84 / 98		[illegible]	94 / 92		
1ST STAGE FEED WATER HEATER	—		[illegible]	148	148	148
D. C. FEED WATER HEATER	240			238	238	238
3RD STAGE FEED WATER HEATER HP / LP	—			.050 / .100		
BOILER PARTICULARS — TEMPERATURES						
F.O. TO BURNERS P / S	160 / 160	160 / 150	80 / 150	125 / 180		150 / 150
F. O. BACK PRESSURE	12 / 12	12 / 14	12 / 12	12 / 12		12 / 12
AIR TO FURNACE	1.0 / 1.0	1.0 / 1.4	5.0 / 5.6	5.0 / 4.6		1.5 / 1.5
SALINITY UPTAKE	.41	.41	.41	.41		.41
MAIN STEAM	430	440	440	435		440
SUPER HEAT				680		610
BOILER PARTICULARS — PRESSURES						
F.O. TO BURNERS P / S	160 / 160	150 / 160	150 / 155	160 / 160		160 / 160
F.D. TEMP. IN SETTLING TANKS	80 / 90	80 / 90	55 / 90	100 / 90		115 / 90
PORT BOILER UPTAKE	355	390	370	325		320
STBD. BOILER UPTAKE	360	385	340	330		330
MISCELLANEOUS						
ENGINE ROOM TEMPERATURE	72	70	78	66		66
FIRE ROOM TEMPERATURE	72	70	75	66		60
NOZZLES IN USE	—		[illegible]	18		
NO. OF BURNERS IN USE	2	2	6	6		2
BURNER TIP SIZE	53/60	53/60	53/70	53/70		53/60
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP	1'2"		1'2"	1'4"		1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	430		9	120	107		62	1100	1050	235
	2	1200	430		7		Idling					235
1600 TO 2000	1	1200	440		9	120	110		62	950	900	235
	2	1200	440		7	122	116		63	Idling		235
2000 TO 2400	1	1200	410		7	120	108		62	700	700	235
	2	1200	400		7	123	111		63	Idling		235
2400 TO 0400	1	1200	435	680	9	120	110		62	1300	1250	235
	2	1200	435	680	7	123	110		63	Idling		235
0400 TO 0800	1	1200	440	—	9	120	110		62	1300	1300	235
	2	1200	440	—	7	125	110		63	Idling		235
0800 TO 1200	1	1200	440	610	7	120	107		62	1000	1000	235
	2	1200	440	610	7	125	110		63	Idling		235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10973050
	METER PREVIOUS NOON	10963310
	CONSUMED BY METER	9740
	ON HAND AT START OF DAY	18,900
	RECEIVED DURING DAY	-0-
	EXPENDED DURING DAY	18,534
	REMAINING ON BOARD	366
DOMESTIC WATER	ON HAND AT START OF DAY	782
	EVAPORATED OR RECEIVED	32
	ON HAND	780
	CONSUMED	34

BOILER WATER	ON HAND AT START OF DAY	185
	EVAPORATED OR RECEIVED	80
	ON HAND	220
	CONSUMED	45
LUBE OIL	ON HAND AT START OF DAY	2450
	RECEIVED	-0-
	ON HAND	2440
	CONSUMED	10
DIESEL OIL	ON HAND	1330
	CONSUMED	1328
		2

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

4 4 12 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

SUMMARY

RUNNING TIME	480	PERCENT OF SLIP	
DETENTION TIME	-0-	BBL FUEL/MI	
TOTAL REVOLUTIONS AVS	39,935	WIND DIRECTION	
AVERAGE R.P.M.	83.1	STATE OF SEA	
TOTAL MILES BY ENGINE	149	STATE OF WEATHER	
TOTAL MILES BY OBSERVATION			

REMARKS

1200-1600 WATCH
AT ANCHOR BOUY #17 SASEBO JAPAN. MACH INSPECTION #1+2 BOILERS. 1+2 F.D. BLOWERS. 1+2 F.O.S. PUMPS. 1+2 MN. FW PUMPS. MN+AUX AIR EJECTORS. MN+AUX CIRC PUMPS. MN+AUX COND PUMPS. L.O. PURIFIER. L.O.S. PUMP. MN AIR COMPRESSOR. 1+2 AUX GENERATORS. F.W. PUMP MN. UNIT ON JACKING GEAR WITH VACUUM UP ON 2nd STAGE. PUMPED UP PORT SETTLERS FROM #4 % DB TKS. BILGES AT SAFE LEVEL. SHIFTED + CLEANED % F.O. DISCH STRAINERS. CHECKED STEERING E.R. SECURED #1 ELECT F.W. PUMP @ 1530 MADE ROUTINE ROUNDS ON MACH + ENG'S SPACES.

OILER STALLWORTH FWT MORGAN. 3rd ENGR. ISLINT WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH
Steaming as before, Anchored bouy #17 Sasebo Japan. Checked all operating mach. inspected S.E. room. Regular watch + inspections of machinery

OILER-QUEEN. F/W MORGAN. 3rd Eng. HOUSER. WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH
Lighting off plant, @ 2000 Roll Main engines with PCB. @ 2005 test Telegraph, monitoring fills as per fill prop, Made Rounds + Insp of Mach + Eng spaces, Bilges at safe level.

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH
UNDERWAY ON 18 NOTS MACH AS BEFORE. Changed + Cleaned Port + Stbd F.O. disch STRAINERS. PUMPED UP PORT SETTLERS FROM #4 % D.B. TKS. Shifted + CLEANED MAIN L.O. disch STRAINER. PUMPED BILGES. Checked Steering E.R. GEAR. MADE ROUTINE ROUNDS ON MACH + ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH
Steaming as before, @ 0400 slowed to 25 RPM B/P. @ 0415 + slowed to 60 RPM B/P - Closed all hand controlled nozzles. All other speed changes as per bell book. 0545 [illegible] Full. Closed main + int steam engaged jacking gear.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH
Moored port side to, Pusan Korea, vacuum on main unit. #1 Gen on line #2 Gen Rolling, Ex to Main, #1+2 Boilers on line, Cleaned + Changed F.O. burners, F.O. disch strainers P+S, Made Rounds + Insp of Mach + Eng spaces. Bilges at safe level.

Chief Lovell, 1st Engineer WATCH ENGR'S SIGNATURE- R Summers
CHIEF ENGINEER

		Stby - 2050	Departure - 2200
BOILER WATER READINGS		F.O.M. - 10765290	F.O.M. - 10765140
STB'D	PORT 1587	Ctr. 22357300	Ctr - 22359450
HOURS 24	HOURS 1587	@ 2230 FULL SPEED 18 Knots	
AKL 7.[illegible]	AKL 3.84		
T-AKL [illegible]	T-AKL 8.[illegible]		
SAL. —	SAL. —		
PHOS. [illegible]	PHOS. [illegible]		
R.ph [illegible]	R.ph [illegible]		

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE.
GEN JOHN POPE TAP-110	7-E	AT PUSAN KOREA		P2-S2-R2	16-17-Feb 67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)	1097 3740	1097 4230	1097 4810	1097 5350	1097 5875	1097 6490
F.O. CONSUMED	690	550	520	540	520	620
MACHINERY PARTICULARS – PRESSURES – THROTTLE	–					
H.P. AHEAD	–					
L.P. AHEAD	–					
VACUUM	29"	29"	26.5	26.8	25"	25"
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	–	–		–	–	
I.P. BLEEDER	–	–		–	–	
L.P. BLEEDER	–	–			–	
TEMPERATURES – STEAM AT THROTTLE	–	–				
L.P. EXHAUST	124	124	126	125	140	125
CONDENSATE	50	50	50	60	62	62
CIRC. WATER IN	50	50	50	50	50	50
CIRC. WATER OUT	51	51	51	64	50	50
L.O. TO COOLERS	108	108	108	109	108	108
L.O. FROM COOLERS	104	104	104	104	104	104
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 HP / LP	Rotor					
BOILER PARTICULARS – TEMPERATURES	F.O. TO BURNERS P/S	180/180	180/180	180/180	180/180	180/180	180/180
	F. O. BACK PRESSURE	10/10	10/10	10/10	12/12	12/12	10/10
	AIR TO FURNACE	1.0/1.0	1.0/1.0	1.0/1.0	1.0/1.0	1.0/1.0	1.0/1.0
PRESSURES	Salinity UPTAKE	.41	.41	.41	.41	.41	.41
	MAIN STEAM	440	440	440	440	440	440
	SUPER HEAT		–			–	
TEMPERATURES	F.O. TO BURNERS	160/160	160/160	160/160	160/160	160/160	160/160
	F.O. TEMP. IN SETTLING TANKS	90/90	90/90	90/90	85/90	90/90	90/90
	PORT BOILER UPTAKE	380	380	380	375	340	385
	STBD. BOILER UPTAKE	295	295	310	285	290	305
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	64	64	78	64	79	75
	FIRE ROOM TEMPERATURE	64	64	78	64	79	75
	NOZZLES IN USE	–	–			–	
	NO. OF BURNERS IN USE	2	2	2	2	2	2
	BURNER TIP SIZE	53/60	53/60	53/60	53/60	53/60	53/60
	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		9	120	110		62	1050	1000	235
	2	1200	440		7	119	109		62	IDLING		235
1600 TO 2000	1	1200	440		9	120	110		62	1032	1050	235
	5	1200	440		7	119	109		62	IDLING		235
2000 TO 2400	1	1200	440		9	120	110		62	950	950	235
	2	1200	440		7	119	109		62	IDLING		235
2400 TO 0400	1	1200	440		9	120	110		62			235
	2	1200	440		7	122	104		62	IDLING		235
0400 TO 0800	1	1200	440		9	120	110		62	1100	1100	235
	2	1200	440		7	120	104		62	IDLING		235
0800 TO 1200	1	1200	440		9	117	105		62	1000	1000	
	2	1200	440		7	120	108		62	IDLING		235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10976490	BOILER WATER	ON HAND AT START OF DAY	220
	METER PREVIOUS NOON	10973050		EVAPORATED OR RECEIVED	128
	CONSUMED BY METER	3440		ON HAND	338
	ON HAND AT START OF DAY	18534		CONSUMED	10
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	2440
	EXPENDED DURING DAY	150		RECEIVED	-0-
	REMAINING ON BOARD	18394		ON HAND	2435
DOMESTIC WATER	ON HAND AT START OF DAY	780		CONSUMED	5
	EVAPORATED OR RECEIVED	325	DIESEL OIL		1328
	ON HAND	1047	ON HAND		1325
	CONSUMED	58	CONSUMED		3

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

1	2	3	4
4	9	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
3	4	4	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

Port Watch Pusan Korea. Mach. Inoperation 1&2 Boilers. 1&2 Fd. Blowers. 1&2 F.O.S. Pumps. 1&2 Mn. Feed pumps. Mn & Aux Air Ejectors. Mn & Aux Circ. pumps. Mn & Aux Cond pumps. L.O. Purifier. L.O.S pump. 1&2 Aux Generators. Mn unit on Jacking Gear with Vacum up. Changed & Cleaned F.O. burners. Secured L.O. Purifier @ 1200 Cleaned & put back in service @ 1300. Bilges At Safe Level. Checked Steering E.R. Made Routine Rounds on Mach & Eng's Spaces.

Oiler Stallworth FWT Morgan Refer Allen. WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before. Tied up to Pier in Pusan Korea. Lit-off #1 feed Pump @ 1630. Checked all operating mach. & outside spaces. Computed that the Port Boiler Water testing Cooler, has leaky Cooling Coil. Added (1) gal oil to #2 feed Pump.

OILER [illegible] FWT HIGHERS-REF-GENTIL WATCH ENGR'S SIGNATURE- H. Jones

2000-2400 WATCH

Moored Port Side to, Pusan Korea, machinery in operation as before, cleaned F.O. disch Strainers P.&S., cleaned + changed burners. Made Rounds + Insp of Mach + Eng. spaces. Bilges at Safe Level.

Oiler-Lovell, FWT, Higbins, Reefer, Beans WATCH ENGR'S SIGNATURE- R. Summers

2400-0400 WATCH

Port Watch Mach Inoperation as Before. Changed & Cleaned F.O. burners & P/S disch Strainers. Daily test of stby L.O. pump for 1-hr. Pumped up Port Settlers from #4 P&S. Bilges At A Safe Level. Checked Steering E.R. Made Routine Rounds on Mach & Eng's Spaces.

OILER-McGINNIS FWT. MORGAN Refer ALLEN WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before. Port watch Pusan Korea. Shifted + Cleaned main L.O. strainer. Checked all operating machinery + outside spaces. Shifted and Cleaned F.O. suction strainer. Routine watch.

OILER-QUEEN, F/W LINDSLEY-REF. GENTIL- WATCH ENGR'S SIGNATURE- H. Jones

0800-1200 WATCH

Moored Port Side to, Pusan Korea, Cleaned + Changed burners, cleaned + Shift L.O. Strainers # 1 + 2 Generators.

Made Rounds + Insp of Mach + Eng spaces.

Added 1 gal oil to # 1 feed pump, added 1 gal L.O. to #2 feed pump.

Oiler Lovell - FWT Higbins Refer Beans WATCH ENGR'S SIGNATURE- R. Summers

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS 245	HOURS 1600
AKL	AKL
T-AKL	T-AKL
SAL.	SAL.
PHOS.	PHOS.
R.ph	R.ph

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope - TAP-110	1-E	Pusan Korea	Vietnam	P2-S2-R2	17-18-Feb-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
DETENTION TIME		24				
REVOLUTION COUNTER (END OF WATCH)		2242 3960	2244 7500	2247 1020	2249 4450	2251 8040
TOTAL REVOLUTIONS (FOR WATCH)		19480	23540	23520	23430	23640
AVERAGE RPM		88.5	98.0	98.0	97.6	98.5
F.O. METER (END OF WATCH)	1097 7500	1098 0130	1098 4750	1098 5400	1098 8020	1099 0580
F.O. CONSUMED	1010	2630	2620	2650	2620	2560

MACHINERY PARTICULARS		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
PRESSURES	THROTTLE	430	430	440	435	440	440
	H.P. AHEAD	430	430	440	435	440	440
	L.P. AHEAD	20	20	20	20	20	20
	VACUUM	29.2"	29.2"	29.2	29"	29	29.2"
	L.O. TO TURBINES	12.2	12.2	12	12	12	12
	AUX. STEAM	150	150	150	150	150	150
	BACK PRESSURE	9	9	9	9	9	9
	GLAND STEAM	0	0	1	1.0	1.0	1.0
	H.P. BLEEDER	56	56	70	70	70	70
	I.P. BLEEDER	6	6	6	6	6	6
	L.P. BLEEDER	12"	12"	12"	11"	12"	11
TEMPERATURES	STEAM AT THROTTLE	690	690	690	680	675	685
	L.P. EXHAUST	90	90	92	92	93	89
	CONDENSATE	78	78	85	84	84	82
	CIRC. WATER IN	60	60	60	60	58	58
	CIRC. WATER OUT	68	68	72	74	—	72
	L.O. TO COOLERS	128	128	128	127	127	127
	L.O. FROM COOLERS	110	110	106	107	105	106
	TEMPERATURE THRUST BEARING	118	118	117	118	116	117
	FORWARD H.P. ROTOR BEARING	125	125	114	114	115	115

MACHINERY PARTICULARS (CONT'D)		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING		135	137	135	138	136
	FORWARD L. P. ROTOR BEARING		135	127	127	130	128
	AFT. L.P. ROTOR BEARING		130	127	126	128	127
	HOTTEST GEAR BEARING FORWARD		155	153	153	153	154
	HOTTEST GEAR BEARING AFT		145	145	142	143	145
	AUX. COND. CONDENSATE			94	94	—	94
	1ST STAGE FEED WATER HEATER		150	154	154	154	152
	D. C. FEED WATER HEATER	238	238	238	240	238	240
	~~3RD STAGE FEED WATER HEATER~~ Rotor H.P. / I.P.				050 / 140	—	

BOILER PARTICULARS		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES	F.O. TO BURNERS P/S	185/185	165/195	[illegible]	170/180	165/165	165/165
	F. O. BACK PRESSURE P/S	10/10	11/12	[illegible]	12/12	12/	11/12
	AIR TO FURNACE P/S	1.3/1.2	6.0/6.0	[illegible]	5.0/5.0	[illegible]	5.2/5.2
	Salinity UPTAKE	.41	.41	.41	.41	.41	.41
	MAIN STEAM	440	430	440	435	[illegible]	440
	SUPER HEAT		690	690	680	675	685
PRESSURES	F.O. TO BURNERS P/S	160/160	150/155	[illegible]	155/155	160/[illegible]	160/160
	F.O. TEMP. IN SETTLING TANKS P/S	85/90	80/90	[illegible]	90/85	[illegible]	90/90
	PORT BOILER UPTAKE	380	345	340	335	335	320
	STBD. BOILER UPTAKE	265	350	350	345	345	315

MISCELLANEOUS	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
ENGINE ROOM TEMPERATURE	64	76	68	68	68	73
FIRE ROOM TEMPERATURE	64	76	68	68	68	73
NOZZLES IN USE	—	18	18	18	18	18
NO. OF BURNERS IN USE	2	6	6	6	6	6
BURNER TIP SIZE	53/60	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER					14 1/2	
CO_2 % STBD. BOILER					15 1/2	
OIL LEVEL MAIN SUMP	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		9	120	110		62	1000	1000	235
	2	1200	440		7	122	109		62	IDLING		235
1600 TO 2000	1	1200	460	690	9	128	110		61	1200	1100	235
	2	1200	460	690	7	124	110		63	IDLING		235
2000 TO 2400	1	1200	440	680	9	120	110		62	1200	1200	235
2400 TO 0400	1	1200	435	680	9	120	110		62	1250	1200	235
	2		Secured									
0400 TO 0800	1	1300	440	675	9	120	110		62	1200	1200	235
	2	SECURED										
0800 TO 1200	1	1200	440	685	9	120	110		62	1200	1300	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10990580	BOILER WATER: ON HAND AT START OF DAY	338
	METER PREVIOUS NOON	10926490	EVAPORATED OR RECEIVED	-0-
	CONSUMED BY METER	14090	ON HAND	315
	ON HAND AT START OF DAY	18354	CONSUMED	23
	RECEIVED DURING DAY	-0-	LUBE OIL: ON HAND AT START OF DAY	2435
	EXPENDED DURING DAY	670	RECEIVED	-0-
	REMAINING ON BOARD	17684	ON HAND	2430
DOMESTIC WATER	ON HAND AT START OF DAY	1047	CONSUMED	5
	EVAPORATED OR RECEIVED	167	DIESEL OIL	1325
	ON HAND	1004	ON HAND	1323
	CONSUMED	210	CONSUMED	2

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

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	1082	PERCENT OF SLIP	Pos. 11.03
DETENTION TIME	-0-	BBL FUEL/MI	1.67 / 1.48
TOTAL REVOLUTIONS	111995	WIND DIRECTION	330
AVERAGE R.P.M.	96.4	STATE OF SEA	Slight
TOTAL MILES BY ENGINE	417	STATE OF WEATHER	52°
TOTAL MILES BY OBSERVATION	371		

REMARKS

1200-1600 WATCH

~~EN~~ Port Mach Inoperation 1+2 Boilers 1+2 F.D. Blowers. 1+2 F.O.S. pumps. 1+2 MN. F.D. pumps. MN+AUX Air Ejectors. MN+AUX Circ pumps. MN+AUX Cond pumps. L.O. purifier. L.O.S. pump. Main Air Compressor. 1+2 AUX Generators. Trans F.O. From #4 ~~C~~ to 4 Stbd DB. Time Check @1228 Wheel Clearence From Bridge @1348 + Permission to test Main Unit. Disengaged Jacking Gear @1400 open MS. + BS. + Started Rolling MN unit @1407 Tested telegraph @1419 Stby @1511 Ctr 2240 2690 F.O.M. - Port 7181190 Stbd - 3796140. Bells as per Bell Book. Pumped Bilges. Made Routine Rounds on Mach + Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH

Under way from Pusan Korea. at 1618 Upature, 1625 speed 18 knots. 1613 secured Sea Detail, 1635 up to speed. 1640 shifted to low suction 1645 secured Stby L.O. Pump. D.F.D. Ctr. 2240480 - F.O.M. - P-7181460 - S-3796400 at 1507 Set Cont. Cruising. Shifted + Cleaned F.O. disch strainer to #1 boiler.

WATCH ENGR'S SIGNATURE- [illegible]

2000-2400 WATCH

Underway, Steaming 18 Knots. Cleaned + Changed tip burners #1+2 Boilers @ 2345 Secured #2 Generator. Bilges at safe level. Cleaned + Shift L.O. Strainer #1 Generator. Made Rounds + Insp of Mach + eng. spaces.

WATCH ENGR'S SIGNATURE- R. Summers

2400-0400 WATCH

Underway on 18 Knots Mach as before. Changed + Cleaned Center F.O. burners. P/S ~~[illegible]~~ disch strainers. Pumped up port settlers from #4 S-DB tk. Shifted + Cleaned main L.O. disch strainer. Daily test of Stby L.O. pump for 1-hr. Checked Starting E.R. Gear. Pumped Bilges. Made Routine Inspections of Mach + Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH

Steaming as before. Changed bottom burner in #1+2 boilers. Shifted + Cleaned F.O. disch. strainer to #2 boiler, shifted + Cleaned F.O. suction strainer. Tested Main feed Pumps. No lost of boiler water due to leak in Cooler. Checked all operating mach. + S.E. Rooms. Shifted + Cleaned Main L.O. strainer. Sunrise 0710 Modified Condition Cruising. Added some fuel oil to #2 feed Pump.

WATCH ENGR'S SIGNATURE- H. Jones

0800-1200 WATCH

Underway Steaming 18 Knots. 0800 to 0835 Blew tubes on #1+2 Boilers, Cleaned + Changed tip Burners #1+2 Boilers, Shift + Clean L.O. strainer #1 Generator, Cleaned + Changed F.O. Disch Strainers P+S, Made Rounds + Insp of mach + Eng spaces

WATCH ENGR'S SIGNATURE- R. Summers

CHIEF ENGINEER

12-1600 Cont. Weekly test of Emergency Equipment + Safety Devices.

BOILER WATER READINGS

STB'D	PORT
HOURS 72	HOURS 1630
AKL	AKL
T-AKL	T-AKL
SAL.	SAL.
PHOS.	PHOS.
R.ph	R.ph

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAP-116	7-E	PUSAN KOREA	VIETNAM	P2-S2-R2	18-19-Feb-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)	2254 1570	2256 4990	2258 8650	2261 2090	2263 5480	2265 8760
TOTAL REVOLUTIONS (FOR WATCH)	23480	23420	23660	23440	23390	23280
AVERAGE RPM	97.8	97.5	98.5	97.6	97.4	97.-
F.O. METER (END OF WATCH)	1099 3320	1099 5970	1099 8550	1100 1260	1100 3880	1100 6460
F.O. CONSUMED	2740	2650	2580	2710	2620	2580

MACHINERY PARTICULARS		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
PRESSURES	THROTTLE	440	440	440	440	435	440
	H.P. AHEAD	440	440	440	440	430	440
	L.P. AHEAD	20	20	21	21	21	21
	VACUUM	29"	29"	29"	29"	29.2"	29"
	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	.5	.5
	H.P. BLEEDER	72	72	72	72	72	70
	I.P. BLEEDER	6	6	6	6	6	6
	L.P. BLEEDER	11"	11"	11	11"	11"	16"
TEMPERATURES	STEAM AT THROTTLE	685	685	690	690	695	670
	L.P. EXHAUST	94	95	97	101	103	100
	CONDENSATE	85	86	92	96	98	98
	CIRC. WATER IN	66	68	70	74	77	73
	CIRC. WATER OUT	75	76	79	84	86	84
	L.O. TO COOLERS	126	127	127	126	127	126
	L.O. FROM COOLERS	106	108	108	107	108	108
	TEMPERATURE THRUST BEARING	118	118	117	118	118	118
	FORWARD H.P. ROTOR BEARING	118	123	115	120	118	118

MACHINERY PARTICULARS (CONT'D)		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING	136	135	136	135	135	135
	FORWARD L. P. ROTOR BEARING	129	132	132	130	130	130
	AFT. L.P. ROTOR BEARING	125	123	127	127	128	128
	HOTTEST GEAR BEARING FORWARD	154	155	155	155	155	156
	HOTTEST GEAR BEARING AFT	140	—	144	142	145	143
	AUX. COND. CONDENSATE	98	102	104	108	110	106
	1ST STAGE FEED WATER HEATER	154	152	158	158	160	156
	D. C. FEED WATER HEATER	240	240	240	240	238	238
	ISOLATE 3RD STAGE FEED WATER HEATER P	.050	—	—	—		
	ISOLATE 3RD STAGE FEED WATER HEATER S	100					
BOILER PARTICULARS TEMPERATURES	F.O. TO BURNERS P	175	180	160	180	175	175
	F.O. TO BURNERS S	175	160	160	180	165	175
	F. O. BACK PRESSURE P	12	12	12	12	14	12
	F. O. BACK PRESSURE S	12	12	12	12	11	12
	AIR TO FURNACE P	5.4	5.4	5.6	5.2	5.0	5.5
	AIR TO FURNACE S	5.0	5.4	5.4	5.2	5.4	5.5
	SALINITY UPTAKE	.41	.41	.41	.41	.41	.41
	MAIN STEAM	440	440	440	440	435	440
	SUPER HEAT	685	685	690	690	695	675
BOILER PARTICULARS PRESSURES	F.O. TO BURNERS P	160	160	160	160	155	160
	F.O. TO BURNERS S	160	160	160	160	160	160
	F.O. TEMP. IN SETTLING TANKS P	80	90	85	90	90	85
	F.O. TEMP. IN SETTLING TANKS S	95	90	90	80	90	90
	PORT BOILER UPTAKE	325	320	325	325	325	325
	STBD. BOILER UPTAKE	315	320	320	320	320	315
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	68	84	78	76	78	82
	FIRE ROOM TEMPERATURE	68	84	78	76	78	82
	NOZZLES IN USE	18	18	18	18	18	18
	NO. OF BURNERS IN USE	6	6	6	6	6	6
	BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
	CO_2 % PORT BOILER					14½	
	CO_2 % STBD. BOILER					15	
	OIL LEVEL MAIN SUMP	1'2"	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	119	110		62	1350	1300	235
1600 TO 2000	1	1200	440	685	9	120	110		61	1300	1250	235
2000 TO 2400	1	1200	440	690	9	120	110		62	1200	1200	235
2400 TO 0400	1	1200	440	690	9	120	110		62	1250	1200	235
0400 TO 0800	1	1200	440	695	9	120	110		61	1300	1250	235
	2				SEC							
0800 TO 1200	1	1200	440	670	9	112	110		62	1200	1150	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11006460
	METER PREVIOUS NOON	10990580
	CONSUMED BY METER	15880
	ON HAND AT START OF DAY	12714
	RECEIVED DURING DAY	-0-
	EXPENDED DURING DAY	744
	REMAINING ON BOARD	16970
DOMESTIC WATER	ON HAND AT START OF DAY	1004
	EVAPORATED OR RECEIVED	190
	ON HAND	963
	CONSUMED	227

BOILER WATER	ON HAND AT START OF DAY	315
	EVAPORATED OR RECEIVED	23
	ON HAND	300
	CONSUMED	38
LUBE OIL	ON HAND AT START OF DAY	2430
	RECEIVED	-0-
	ON HAND	2425
	CONSUMED	5
DIESEL OIL	ON HAND	1323
	CONSUMED	3

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

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
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.	11.8
DETENTION TIME	-0-	BBL FUEL/MI	1.44 1.63
TOTAL REVOLUTIONS PAYS	138,545	WIND DIRECTION	030°
AVERAGE R.P.M.	96.2	STATE OF SEA	mod.
TOTAL MILES BY ENGINE	516	STATE OF WEATHER	68°
TOTAL MILES BY OBSERVATION	455		

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 FEED PUMPS. MN&AUX AIR EJECTORS. MN&AUX CIRC PMPS. MN&AUX COND. PMPS. L.O. PURIFIER. L.O.S. PUMPS. L.AUX GENERATOR. MAIN AIR COMPRESSOR. FIRE&SAN PUMP. PORT STEERING GEAR. Tested OVERSPEED trip LOW L.O. ALARM ON MN Turbine & Throtl. Pumped up port SETTLERS FROM #4 & AB. Pumped Bilges. Fire drill @ 1401 SEC @ 1410. Boat drill @ 1410 SEC @ 1415 Stby @ 1401 H.H. @ 1415. Tested Relief VALVE ON FIRE PUMP Popped 125# PSI. Checked Steering E.R. GEAR. Added 2 GALS L.O. to #2 MN FD PUMP. Made Routine Rounds on Mach & Eng's SPACES.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before. at 1615 to 1615 blew tubes on #1 & 2 boilers. Changed bottom burner on #1 & 2 boilers. shifted F.O. disch strainer to #2 boiler. 1834 [illegible] Chk'd W.T. Doors. Checked all operating mach. inspected S.E. room. All bilges at safe level.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH

Underway Steaming 18 Nozz, Cleaned & Changed top burners #1 & 2 Boilers. Shift & Clean F.O. Disch Strainers #4 & 5, Clean & Shift #1 Gen L.O. Strainer. Pumped Bilges & Cargo Holds. made Rounds & Insp of Mach & Eng spaces. added 2 gal L.O. to #1 feed pump, added 1 gal L.O. to #2 feed 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. PUMPED UP PORT SETTLERS FROM #4 & AB TK. DAILY test of Stby L.O. PUMP FOR 1-hr. INSPected & CLEANED MAIN L.O. disch. STRAINER. PUMPED Bilges. Checked steering E.R. GEAR. Added 2 GALS L.O. each to #1&2 MN Feed PUMPS. Made Routine Rounds on MACH & ENG'S SPACES.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before. Changed bottom burner in #1 & 2 boilers. Made up & installed new Cooling Coil in boiler water testing Cooler. shifted Main L.O. ~~CH#1~~ strainer. Shifted & Cleaned Port F.O. disch. Also F.O. suction strainer. Pumped Refer room bilges. Checked all operating mach. inspected S.E. room. 0717 Sun rise, Cruising Condition set.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH

Underway Steaming on 18 Nozz, Cleaned & Changed top Burners #1 & 2 Boilers 0800 to 0830 flew tubes #1 & 2 Boilers, Clean & Shift F.O. Disch strainers, Clean & Shift L.O. Strainer #1 Generator. Checked Steering Eng room at 0830 & 1030, @ 1010 Shift to Inboard settling. Added 1 gal L.O. to #2 Main Feed pump. made Rounds & Insp of Mach & Eng Spaces.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS 96	HOURS 1654
AKL 934	AKL 10,56
T-AKL 1518	T-AKL 1630
SAL. 3,31	SAL. 3,73
PHOS. .55	PHOS. .55
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John POPE TAP-110	7-E	PUSAN KOREA	VietNAM	P2-S2-R2	19-20-Feb-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)		2268 2030	2270 5340	2273 0890	2275 4480	2278 2740	2280 5470
TOTAL REVOLUTIONS (FOR WATCH)		23270	23360	25600	25590	26260	23730
AVERAGE RPM		97.0	97.3	98.0	98.0	101.0	98.9
F.O. METER (END OF WATCH)		1100 9210	1101 2020	1101 5000	1101 8150	1102 1170	1102 3950
F.O. CONSUMED		2750	2810	2980	3150	3020	2780
MACHINERY PARTICULARS – PRESSURES	THROTTLE	430	435	440	440	435	440
	H.P. AHEAD	430	435	440	440	430	440
	L.P. AHEAD	27	25	26	26	25	24
	VACUUM	29	28.7	28	28.8	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	1.5	1.5	1.0	1.5	.5	1.0
	H.P. BLEEDER	72	74	70	70	70	72
	I.P. BLEEDER	6	6	6	6	[illegible]	6
	L.P. BLEEDER	11"	8"	10"	8"	[illegible]	10
MACHINERY PARTICULARS – TEMPERATURES	STEAM AT THROTTLE	685	680	670	675	680	690
	L.P. EXHAUST	104	105	105	105	103	103
	CONDENSATE	97	102	100	98	97	100
	CIRC. WATER IN	78	80	75	77	75	75
	CIRC. WATER OUT	88	90	86	88	84	86
	L.O. TO COOLERS	128	127	126	126	127	125
	L.O. FROM COOLERS	109	108	106	108	107	106
	TEMPERATURE THRUST BEARING	118	118	117	118	118	117
	FORWARD H.P. ROTOR BEARING	122	123	121	122	123	122
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING	135	135	135	135	135	135
	FORWARD L. P. ROTOR BEARING	132	133	131	132	133	131
	AFT. L.P. ROTOR BEARING	129	128	129	127	128	128
	HOTTEST GEAR BEARING FORWARD	156	155	156	156	155	157
	HOTTEST GEAR BEARING AFT	145	143	142	143	143	143
	AUX. COND. CONDENSATE					—	102/102
	1ST STAGE FEED WATER HEATER	159	162	160	159	158	160
	D. C. FEED WATER HEATER	240	238	238	240	240	240
	~~2ND STAGE FEED WATER HEATER~~ HP / LP	100/100	—	—	—	—	
BOILER PARTICULARS – TEMPERATURES	F.O. TO BURNERS P/S	200/200	195/190	190/190	190/190	190/190	195/190
	F. O. BACK PRESSURE P/S	13/12	15/13	12/12	12/12	12/12	12/12
	AIR TO FURNACE P/S	6.0/6.0	5.2/6.0	5.5/5.5	5.4/5.4	[illegible]	5.4/6.0
	SALINITY UPTAKE	.41	.41	.41	.41	.41	.41
BOILER PARTICULARS – PRESSURES	MAIN STEAM	430	435	440	440	[illegible]	440
	SUPER HEAT	685	680	670	675	[illegible]	690
	F.O. TO BURNERS P/S	160/160	155/165	155/155	155/155	[illegible]	160/160
	F.O. TEMP. IN SETTLING TANKS P/S	85/85	85/90	85/90	90/85		90/90
	PORT BOILER UPTAKE	320	320	325	330	330	325
	STBD. BOILER UPTAKE	315	320	355	345	325	325
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	84	86	86	86	86	89
	FIRE ROOM TEMPERATURE	84	86	86	86	86	89
	NOZZLES IN USE	18	18	18	18	18	18
	NO. OF BURNERS IN USE	6	6	6	6	6	6
	BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
	CO_2 % PORT BOILER					14.5	
	CO_2 % STBD. BOILER					[illegible]	
	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	685	9	120	110		62	650	650	235
	2	1200	430	685	7	120	116		62	700	700	235
1600 TO 2000	1	1200	460	680	9	120	108		61	750	750	235
	2	1200	460	680	7	130	118		63	600	600	235
2000 TO 2400	1	1200	440	670	9	120	110		62	600	600	235
	2	1200	440	670	7	132	116		62	600	600	235
2400 TO 0400	1	1200	440	675	9	120	110		62	600	600	235
	2	1200	440	675	7	132	118		62	750	750	235
0400 TO 0800	1	1200	440	685	7	[illegible]	[illegible]		62	[illegible]	[illegible]	235
	2	1200	440	690	7	[illegible]	[illegible]		62	[illegible]	[illegible]	235
0800 TO 1200	1	1200	440	690	9	120	110		62	700	700	235
	2	1200	440	690	7	132	118		62	650	650	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11023950	BOILER WATER – ON HAND AT START OF DAY	300
	METER PREVIOUS NOON	11006460	BOILER WATER – EVAPORATED OR RECEIVED	16
	CONSUMED BY METER	17490	BOILER WATER – ON HAND	273
	ON HAND AT START OF DAY	16,970	BOILER WATER – CONSUMED	43
	RECEIVED DURING DAY	-0-	LUBE OIL – ON HAND AT START OF DAY	2425
	EXPENDED DURING DAY	800	LUBE OIL – RECEIVED	-0-
	REMAINING ON BOARD	16,170	LUBE OIL – ON HAND	2420
DOMESTIC WATER	ON HAND AT START OF DAY	963	LUBE OIL – CONSUMED	5
	EVAPORATED OR RECEIVED	171	DIESEL OIL	1320
	ON HAND	949	DIESEL OIL – ON HAND	1318
	CONSUMED	185	DIESEL OIL – CONSUMED	2

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

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

SUMMARY

RUNNING TIME	1500	PERCENT OF SLIP	Pos. 11.2
DETENTION TIME	-0-	BBL FUEL/MI	1.48 1.67
TOTAL REVOLUTIONS	PVS. 143925	WIND DIRECTION	090°
AVERAGE R.P.M.	96.0	STATE OF SEA	Mod.
TOTAL MILES BY ENGINE	537	STATE OF WEATHER	24°
TOTAL MILES BY OBSERVATION	477		

REMARKS

1200-1600 WATCH
UNderWay ON 18 NOTT Mach INoperation. 1&2 Boilers. 1&2 FD Blowers. 1&2 Eos. Pumps. 1&2 MN. FD. pumps. MN&AUX Air Ejectors. MN&AUX Circ pumps. MN&AUX Cond pump. 1-AUX Generator. L.O. Pump. L.O. purifier. MN Air Compressor. Fire&San pump. Port Steering Gear. Tested overspeed trip Low L.O. ALARM on MN Turbine & Throttl. Pumped up port settlers from #4 & DB. Raised Vacum and Started #2 aux Generator @ 1410 Put on the Line @ 1435. Started A.C. unit @ 1440 Checked steering E.R. Gear 1st Asst Engr. Checking A.C. unit. Made Routine Rounds on Mach & Engs Spaces.

WATCH ENGR'S SIGNATURE- George Bunny

1600-2000 WATCH
Steaming as before. 1550 & 1615 blew tubes on #1 & 2 boilers. Changed & Cleaned bottom burner in #1 & 2 boilers, shifted & Cleaned F.O. disch. strainer to #2 boiler. Checked operating Mach. inspected S.E. Room. 1855 Sun set W.T. Doors Closed 8/8 Opened Dam cal lit to #1 feed Pump.

WATCH ENGR'S SIGNATURE- Jim Jones

2000-2400 WATCH
Underway Steaming on 18 Nogg, Cleaned & Changed top burners #1 & 2 Boilers, Shift & Clean F.O. Disch strainers P&S, Shift & Clean L.O. Strainers on #1 & 2 Generators, Added 2 gal L.O. to #2 Main Feed pump.
Retarded Ships Clock 20 Min at 2300, Made Rounds and Insp of Mach & Eng spaces, Checked Steering Eng Room @ 2030 and 2300.

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH
UNderWay ON 18 NOTT Mach as Before. Changed & Cleaned Center F.O. burners. & P/S disch. strainers. Daily test of Stby L.O. pump for 1-hr. Retarded Clocks 20 mins. @ 0100. Inspected & Cleaned Main L.O. disch strainer. Held Eng's Casualty drill B-9. Boiler Casing Explosion while Lighting off With Little or No Forced Draft. Watch Inst. & Bridge Notified 0100-0130 Pumped up Port Settlers From #4 & DB. Checked Steering E.R. Gear. Pumped Bilges. Made Routine Rounds on Mach. & Eng's spaces. Added 2 Gals L.O. to #1 MN FD. PUMP.

WATCH ENGR'S SIGNATURE- George Bunny

0400-0800 WATCH
Steaming as before. Changed bottom burner on #1 & 2 boilers. Shifted & Cleaned main L.O. strainer at 0500 & Tarded Clocks (20 min) at 0530. Held fire room Casualty drill B-9 boiler Casing explosion While lighting off. Four men Present for instruction. Bridge Notified. Shifted Port #2 F.O. disch. strainer. Also shifted & Cleaned F.O. suction strainer. 0637 Sun rise. Modified Cruising Crd. Added 10 gal oil to #2 feed Pump.

WATCH ENGR'S SIGNATURE- Jim Jones

0800-1200 WATCH
Underway steaming on 18 Nogg, Cleaned & Changed Top Burners #1 & 2 Boilers Shift & Clean F.O. disch strainers, 0800 & 0830 Blew tubes #1 & 2 Boilers B.P.O.S. 0930 to 1000 Held engine Casualty Drill B-9 ~~A~~ Men present, Bridge Notified Checked Steering Engine Room @ 0800 @ 0930 & 1000, pumped bilges & Cargo holds. Made Rounds & Insp of Mach & Eng Spaces.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER
Test Run Fwd & Aft Diesel Fire pumps 30 Min Each. 0820 to 0920

BOILER WATER READINGS

STB'D	PORT
HOURS 120	HOURS 1676
AKL [illegible]	AKL [illegible]
T-AKL [illegible]	T-AKL [illegible]
SAL. [illegible]	SAL. [illegible]
PHOS. [illegible]	PHOS. [illegible]
R.ph [illegible]	R.ph [illegible]

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
BEN JOHN POPE TAP-110	7-E	PUSAN KOREA	VIETNAM	P2-S2-R2	20-21-Feb 67

	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	200
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	2282 9030	2285 2560	2287 6320	2289 9990	2292 3620	2294 2870
TOTAL REVOLUTIONS (FOR WATCH)	23500	23530	23760	23670	23630	19250
AVERAGE RPM	98.1	98.0	99.0	98.6	98.4	96.2
F.O. METER (END OF WATCH)	1102 6810	1102 9600	1103 2330	1103 5180	1103 7950	1104 0710
F.O. CONSUMED	2960	2790	2730	2850	2770	2760

MACHINERY PARTICULARS		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
PRESSURES	THROTTLE	435	435	440	440	430	
	H.P. AHEAD	435	435	440	440	430	
	L.P. AHEAD	25	26	26	26	26	
	VACUUM	28.6"	28.5"	28.5	28.5"	28.5	
	L.O. TO TURBINES	12	12	12	12	12	
	AUX. STEAM	150	150	150	150	150	
	BACK PRESSURE	9	9	9	9	9	
	GLAND STEAM	1.5	1.5	1.0	1.0	1.0	
	H.P. BLEEDER	70	66	70	70	48	
	I.P. BLEEDER	6	6	6	6	6	
	L.P. BLEEDER	8"	8"	8"	8"	8"	
TEMPERATURES	STEAM AT THROTTLE	685	695	690	690	690	
	L.P. EXHAUST	104	105	106	106	105	
	CONDENSATE	98	100	102	100	99	
	CIRC. WATER IN	77	78	76	76	77	
	CIRC. WATER OUT	86	88	87	86	86	
	L.O. TO COOLERS	127	127	126	126	127	
	L.O. FROM COOLERS	108	108	106	107	108	
	TEMPERATURE THRUST BEARING	118	118	118	117	118	
	FORWARD H.P. ROTOR BEARING	122	123	121	120	123	

Various Maneuvering

MACHINERY PARTICULARS (CONT'D)		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING	135	135	135	135	135	
	FORWARD L. P. ROTOR BEARING	132	132	130	130	133	
	AFT. L.P. ROTOR BEARING	126	128	127	127	128	
	HOTTEST GEAR BEARING FORWARD	157	158	157	157	158	
	HOTTEST GEAR BEARING AFT	143	145	142	142	145	
	AUX. COND. CONDENSATE	100/100		104	100		
	1ST STAGE FEED WATER HEATER	158	160	160	160	168	
	D. C. FEED WATER HEATER	240	238	238	238	238	
	~~3RD STAGE FEED WATER HEATER~~ H.P.	150/160					
	~~1ST STAGE~~ L.P.						

BOILER PARTICULARS		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES	F.O. TO BURNERS P/S	190/190	190/190	190/190	190/190	180/190	
	F. O. BACK PRESSURE P/S	12/12	15/13	12/12	12/12	14/13	
	AIR TO FURNACE P/S	5.8/5.8	6.0/6.0	5.5/5.5	5.8/5.8	6.8/6.4	
	~~UPTAKE~~ SALINITY	.41	.41	.41	.41	.41	
PRESSURES	MAIN STEAM	435	435	440	440	430	
	SUPER HEAT	685	695	690	640	690	
	F.O. TO BURNERS P/S	160/160	165/160	160/160	160/160	165/160	
	F.O. TEMP. IN SETTLING TANKS P/S	90/95	90/95	90/95	95/95	90/95	
	PORT BOILER UPTAKE	325	320	320	325	330	
	STBD. BOILER UPTAKE	325	320	325	355	340	

Various Maneuvering

MISCELLANEOUS	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
ENGINE ROOM TEMPERATURE	86	86	86	86	86	
FIRE ROOM TEMPERATURE	88	86	86	86	86	
NOZZLES IN USE	18	18	18	18	18	
NO. OF BURNERS IN USE	6	6	6	6	6	
BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	
CO_2 % PORT BOILER					14 1/2	
CO_2 % STBD. BOILER					13 3/4	
OIL LEVEL MAIN SUMP	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	120	110		62	750	700	235
	2	1200	435	685	7	132	118		62	750	750	235
1600 TO 2000	1	1200	460	695	9	120	110		61	650	600	235
	2	1200	460	695	7	132	118		63	850	800	235
2000 TO 2400	1	1200	440	690	9	120	110		62	650	650	235
	2	1200	440	690	7	132	118		62	650	650	235
2400 TO 0400	1	1200	440	690	9	120	110		62	650	600	235
	2	1200	440	690	7	132	118		62	750	700	235
0400 TO 0800	1	1200	460	690	9	120	110		61	800	750	235
	2	1200	460	690	7	132	118		63	700	660	235
0800 TO 1200	1	1200	440		9	120	110		62	500	500	235
	2	1200	440		7	132	118		62	500	500	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11040880	BOILER WATER	ON HAND AT START OF DAY	273
	METER PREVIOUS NOON	11023950		EVAPORATED OR RECEIVED	0
	CONSUMED BY METER	16930		ON HAND	231
	ON HAND AT START OF DAY	16170		CONSUMED	42
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	2420
	EXPENDED DURING DAY	771		RECEIVED	-0-
	REMAINING ON BOARD	15399		ON HAND	2415
DOMESTIC WATER	ON HAND AT START OF DAY	949		CONSUMED	5
	EVAPORATED OR RECEIVED	209	DIES OIL		1318
	ON HAND	933	ON HAND		1315
	CONSUMED	225	CONSUMED		3

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

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	

SUMMARY

RUNNING TIME	1380	PERCENT OF SLIP Pos.	4.98
DETENTION TIME	-0-	BBL FUEL/MI	1.48 1.55
TOTAL REVOLUTIONS	134800	WIND DIRECTION	
AVERAGE R.P.M.	97.7	STATE OF SEA	SMOOTH
TOTAL MILES BY ENGINE	502	STATE OF WEATHER	
TOTAL MILES BY OBSERVATION	477		

REMARKS

1200-1600 WATCH
Underway on 18 Nozz Mach. In operation #1+2 Boilers 1+2 F.D. Blowers 1+2 F.O. pumps 1+2 Min. F.D. pumps. Min+Aux Air Ejectors. Min+Aux Circ pumps Min+Aux Cond pumps. L.O. Purifier. L.O.S. pump. 1+2 Aux Generators. Main Air Compressor. Fire+San pump. Port Steering Gear. A.C. Unit. Tested overspeed trip Low L.O. Alarm on Min Turbine + Thrust. Pumped up Port Settlers from #4 & WBT. Pumped Bilges. Checked Steering E.R. Gear. Added 2 Gals L.O. each to #1+2 Min. F.D. pumps. Made Routine Rounds on Mach and Engs Spaces.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH
[illegible] as before 1550 & 1610 blew tubes on #1+2 boilers. Changed burners [illegible] #1+2 boilers. Shifted + Cleaned F.O. disch strainers to #2 boiler. Inspected S.E. room. Pumped Cargo holds bilges. 1828 Sun Set W.T. Doors Closed 3?.

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH
Underway steaming 18 Knots, Cleaned + Changed Top Burners #1+2 Boilers Cleaned + Shift To Disch strainers P+S, Shift + Clean L.O. Strainers #1+2 Gen. Pumped bilges + Cargo Holds, Made Rounds + Insp of Mach + Eng spaces.

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 #4 & WBT. Inspected + Cleaned Main L.O. disch strainer. Only test of Stby L.O. pump for 1 hr. Pumped Bilges. Checked Steering E.R. Gear. Added 2 Gals L.O. each to #1+2 Main Feed Pumps. Made Routine Rounds on Mach + Engs Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH
Steaming as before. Changed bottom burner in #1+2 boilers. Shifted F.O. suction and port disch. strainers, shifted main L.O. strainers. 0615 called Ch. Elect. to work on [illegible] pump on #2 Evaps. 0645 lit off #2 set of Evaps. Checked all operating mach. Inspected S.E. room. Sun rise 0707.

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH
Underway Steaming on 18 Knots, 0800 to 0830 Blew tubes #1+2 Boilers 0830 Check S.E. Room. 0930 time Check, 0935 W.T. doors Clear for Closing. Cleaned + Changed Top Burners, Clean + Shift To Disch strainers, Cleaned + Shift L.O. Strainers #1+2 Generators. @103 close W.T. Doors @1045 set special sea Detail. @1047 time check. Make Rounds + Insp of mach + Eng spaces - Maneuvering Bells as per bell book.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER @ 1100 Stby arrival 1100 PFOM 7213910 CTY 22942870

BOILER WATER READINGS 5 FOM 3826400

STB'D	PORT			
HOURS 144	HOURS 1702	FWE 1156	P-FOM 7214210	CTY-22946050
AKL 9.5	AKL 8.15		S-FOM 3826670	
T-AKL 15.15	T-AKL 15.15			
SAL. 4.14	SAL. 4.14			
PHOS. 50	PHOS. 50		FILL [illegible] IN [illegible] HP	
R.ph 10	R.ph 10		[illegible] LP	

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	7-E	~~SA~~ NANG VIETNAM		P2-S2-R2	21-22-Feb 67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)	1104 1470	[illegible] 1780	1104 2500	1104 3040	[illegible] 3530	1104 4110
F.O. CONSUMED	760	510	520	540	490	580
MACHINERY PARTICULARS – PRESSURES: THROTTLE	–	–				
H.P. AHEAD	–	–				
L.P. AHEAD	–	–				
VACUUM	25.5	25"	25"	25"	25"	25.5
L.O. TO TURBINES	12.5	12	12.6	12.6	13	13
AUX. STEAM	150	[illegible]	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	–	–			–	
I.P. BLEEDER	–				–	
L.P. BLEEDER	–				–	
MACHINERY PARTICULARS – TEMPERATURES: STEAM AT THROTTLE	–	–				
L.P. EXHAUST	142	145	142	134	130	125
CONDENSATE	70	78	78	76	76	90
CIRC. WATER IN	69	70		66	70	68
CIRC. WATER OUT	71	70	68	70	70	68
L.O. TO COOLERS	106	112	112	113	114	112
L.O. FROM COOLERS	102	108	108	109	110	108
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	90/95	–	95	–	–	93
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER	240	240	238	236	237	238
3RD STAGE FEED WATER HEATER		–				
BOILER PARTICULARS – PRESSURES: F.O. TO BURNERS (P/S)	195/195	195/195	160/160	160/160	[illegible]	160/160
F. O. BACK PRESSURE	10/10	[illegible]	10/10	10/10	[illegible]	10/10
AIR TO FURNACE	1.0/1.0	[illegible]	1.0/1.0	1.0/1.0	[illegible]	1.0/1.0
UPTAKE (SAIGON)	.41	–	.41	.41	[illegible]	.41
MAIN STEAM	435	440	440	440	[illegible]	440
BOILER PARTICULARS – TEMPERATURES: SUPER HEAT		–				
F.O. TO BURNERS	160/160	155/155	155/155	155/155	155/155	155/155
F.O. TEMP. IN SETTLING TANKS	85/90	85/85	85/85	90/95	90/90	90/90
PORT BOILER UPTAKE	310	365	360	365	360	365
STBD. BOILER UPTAKE	265	275	290	285	280	290
MISCELLANEOUS: ENGINE ROOM TEMPERATURE	84	86	84	83	84	86
FIRE ROOM TEMPERATURE	84	86	84	83	84	86
NOZZLES IN USE	–	–				
NO. OF BURNERS IN USE	2	2	2	2	2	2
BURNER TIP SIZE	53/60	53/60	53/60	53/60	53/60	53/60
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		9	120	110		62	650	650	235
	2	1200	435		7	128	117		62	700	650	235
1600 TO 2000	1	1200	440		9	120	110		62	450	450	235
	2	1200	440		7	127	116		62	700	700	235
2000 TO 2400	1	1200	440		9	120	110		62	450	450	235
	2	1200	440		7	128	116		62	450	450	235
2400 TO 0400	1	1200	440		9	120	110		62	500	500	235
	2	1200	440		7	129	116		62	500	500	235
0400 TO 0800	1	1200	440		9	120	110		62	500	500	235
	2	1200	440		7	125	116		62	500	500	235
0800 TO 1200	1	1200	440		9	120	110		62	500	500	235
	2	1200	440		7	129	117		62	500	500	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1104 4110	BOILER WATER	ON HAND AT START OF DAY	231
	METER PREVIOUS NOON	1104 0880		EVAPORATED OR RECEIVED	23
	CONSUMED BY METER	3,230		ON HAND	224
	ON HAND AT START OF DAY	15,399		CONSUMED	30
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	2415
	EXPENDED DURING DAY	180		RECEIVED	-0-
	REMAINING ON BOARD	15,219		ON HAND	2410
DOMESTIC WATER	ON HAND AT START OF DAY	933		CONSUMED	5
	EVAPORATED OR RECEIVED	133	DIESEL OIL		1315
	ON HAND	892	ON HAND		1312
	CONSUMED	174	CONSUMED		3

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

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		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

Maneuvering Secured M.S. & B.S. @ 1200 Engaged Jacking Gear & started Turning Motor @ 1205 At Anchor DA NANG Viet Nam. Mach Inspection 1&2 Boilers 1&2 F.D. Blowers 1&2 F.D. Pumps 1&2 Main F.D. pumps. Main & Aux A.C. Ejectors. Main & Aux Circ pmps. Main & Aux Cond pmps. L.O. purifier. L.O.S. pump. 1&2 Aux Generators. Main A.C. Compressor. Fire & San pump. Took a drag on #1, #3, 5 & Fo'c'sle Trs. Pumped up Port Settlers from #4 to Lub Tk. Added 2 Gals L.O. each to #1&2 Main Feed Pumps. Vacum up on 2nd stage Main A.C. Ejector @ 1510. Pumped Bilges. Checked Steering E.R. Made Routine Inspections of Mach & Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH

At Anchor DA ~~NAG~~ NANG Viet Nam Machinery as before. Shifted & Cleaned F.D. disch strainers to #1&2 boilers. Checked all operating mach. Inspected S.E. room.

OILER-QUEEN T/W LINDSLEY, REF. GINTEL.

WATCH ENGR'S SIGNATURE- Jim Jones

2000-2400 WATCH

At Anchor, Da Nang, Cleaned & Changed Burners, Clean & Shift F.O. disch Strainers; Made Rounds & Insp of Mach & Eng spaces. Bilges at safe level.

Oiler Lowell 7th Highers Rufus, Beans

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH

At Anchor Da Nang Mach As Before. Changed & Cleaned F.O. burners in 1&2 Boilers Daily test of Stby L.O. pump For 1 hr. Bilges at a safe Level. Checked Steering E.R. Made Routine Rounds on Mach & Eng's Spaces.

OILER McGINNIS FWT Morgan REFER ALLEN

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH

Steaming as before, at Anchor DA NANG Viet Nam. Shifted & Cleaned F.O. disch Inst. Strainers to #1&2 boilers. Checked Mach & Eng. spaces. bilges at safe level. Shifted & Cleaned main L.O. strainer. bilges at safe level.

OILER QUEEN T/W LINDSLEY, REF. GINTEL.

WATCH ENGR'S SIGNATURE- Jim Jones

0800-1200 WATCH

At Anchor Da, Nang, Mach as before, Cleaned & Changed burners Cleaned & shift L.O. strainers #1&2 Gen. Made Rounds & Insp. of Mach & Eng spaces, bilges at safe level.

Oiler, Lowell, 7th Highers, Rufus, Beans.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER WATER READINGS

STB'D		PORT	
HOURS	[illegible]	HOURS	[illegible]
AKL	[illegible]	AKL	[illegible]
T-AKL	[illegible]	T-AKL	[illegible]
SAL.	[illegible]	SAL.	[illegible]
PHOS.	[illegible]	PHOS.	[illegible]
R.ph	[illegible]	R.ph	[illegible]

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE-MAPAU	7-F	DA NANG VIETNAM		P2-S2-R2	22-23-FEB 67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	—		160	240	240	
DETENTION TIME	—		—			
REVOLUTION COUNTER (END OF WATCH)	—		2296 3580	2298 7180	[illegible]	
TOTAL REVOLUTIONS (FOR WATCH)	—		15450	23600	[illegible]	
AVERAGE RPM	—		96.5	98.3	[illegible]	
F.O. METER (END OF WATCH)	1104 4680	1104 5250	1104 7510	1105 0430	[illegible]	1105 4250
F.O. CONSUMED	510	600	2260	2920	[illegible]	1600

MACHINERY PARTICULARS — PRESSURES

	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
THROTTLE	—		440	440	435	
H.P. AHEAD	—		440	440	430	
L.P. AHEAD	—		26	27	26	
VACUUM	26"	26"	28	28.6"	28.5	22"
L.O. TO TURBINES	12.5	12.5	12.5	12	12	12
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	9	"	9	9	9	9
GLAND STEAM	1.0	1.0	1.0	1.5	1.5	1.0
H.P. BLEEDER	—	—	70	70	58	—
I.P. BLEEDER	—	—	6	6	6	—
L.P. BLEEDER	—	—	9	8"	8"	—

MACHINERY PARTICULARS — TEMPERATURES

	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
STEAM AT THROTTLE			680	680	690	670
L.P. EXHAUST	125	125	105	105	105	105
CONDENSATE	76	76	98	99		98
CIRC. WATER IN	66	68	74	74		74
CIRC. WATER OUT	76	70	84	86		86
L.O. TO COOLERS	112	112	126	127		127
L.O. FROM COOLERS	108	108	108	108		109
TEMPERATURE THRUST BEARING	—		117	118		
FORWARD H.P. ROTOR BEARING	—		122	122		

MACHINERY PARTICULARS (CONT'D) — TEMPERATURES (CONT'D)

	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
AFT. H. P. ROTOR BEARING	—		135	135		
FORWARD L. P. ROTOR BEARING			131	132		
AFT. L.P. ROTOR BEARING			128	128		
HOTTEST GEAR BEARING FORWARD	—		157	160		
HOTTEST GEAR BEARING AFT	—		143	145		
AUX. COND. CONDENSATE	95/95	—	95	100		
1ST STAGE FEED WATER HEATER	—		160	160		
D. C. FEED WATER HEATER	270	270	240	240		
~~3RD STAGE FEED WATER HEATER~~ HP/LP	—	—		[illegible]		

BOILER PARTICULARS — TEMPERATURES

	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
F.O. TO BURNERS P/S	160/160	[illegible]	190/190	200/200	185/140	165/165
F. O. BACK PRESSURE P/S	10/10	[illegible]	10/10	10/10	13/13	12/12
AIR TO FURNACE P/S	1.0/1.0	[illegible]	5.5/5.5	5.8/5.8	7.0/6.4	1.0/1.0
STBD. BOILER UPTAKE	.41	.41	.41	.41	.41	.41
MAIN STEAM	440	440	440	440	435	440

BOILER PARTICULARS — PRESSURES

	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
SUPER HEAT			680	680	690	670
F.O. TO BURNERS P/S	160/160	160/160	160/160	160/160	155/160	160/160
F.O. TEMP. IN SETTLING TANKS P/S	90/96	90/90	90/85	85/90		85/85
PORT BOILER UPTAKE	360	360	325	340		355
STBD. BOILER UPTAKE	270	270	325	340		330

MISCELLANEOUS

	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
ENGINE ROOM TEMPERATURE	89	86	86	81	87	88
FIRE ROOM TEMPERATURE	89	86	86	87	87	88
NOZZLES IN USE	—		18	18	18	
NO. OF BURNERS IN USE	2	2	6	6	6	2
BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER					14.4	
CO_2 % STBD. BOILER					[illegible]	
OIL LEVEL MAIN SUMP	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		9	119	110		62	700	700	235
	2	1200	440		7	128	112		62	750	750	235
1600 TO 2000	1	1200	[illegible]		[illegible]	115	[illegible]		62	1000	1000	235
	2	1200	[illegible]		7	132	116		62			235
2000 TO 2400	1	1200	440		9	120	110		62	650	650	235
	2	1200	440		7	132	118		62	650	650	235
2400 TO 0400	1	1200	440		9	120	110		62	700	700	235
	2	1200	440		7	132	118		62	750	750	235
0400 TO 0800	1	1200	460	690	9	120	110					235
	2	1200	460	690	7	13	118					235
0800 TO 1200	1	1200	440	670	9	120	111		62	1000	1000	235
	2	1200	440	670	7	132	118		62	Idling		235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11054250	BOILER WATER	ON HAND AT START OF DAY	224
	METER PREVIOUS NOON	11044110		EVAPORATED OR RECEIVED	37
	CONSUMED BY METER	10140		ON HAND	223
	ON HAND AT START OF DAY	15219		CONSUMED	38
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	2410
	EXPENDED DURING DAY	470		RECEIVED	-0-
	REMAINING ON BOARD	14749		ON HAND	2405
DOMESTIC WATER	ON HAND AT START OF DAY	892		CONSUMED	5
	EVAPORATED OR RECEIVED	152	DIESEL OIL		1312
	ON HAND	865	ON HAND		1310
	CONSUMED	179	CONSUMED		2

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

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	642	PERCENT OF SLIP	
DETENTION TIME	-0-	BBL FUEL/MI	
TOTAL REVOLUTIONS	59980	WIND DIRECTION	
AVERAGE R.P.M.	93.4	STATE OF SEA	
TOTAL MILES BY ENGINE	223	STATE OF WEATHER	
TOTAL MILES BY OBSERVATION			

REMARKS

1200-1600 WATCH

At Anchor Danang Vietnam Mach Inspection 1+2 Bl. Lers 1+2 F.D. Blowers 1+2 Ecs. pumps 1+2 Ma F.W. pumps. M.N+ Aux Air Ejectors. Ma+Hel Circ pumps M.N+Hel Cond pumps. 1+2 Aux Generators. Main Air Compressor. L.O. purifier. L.O. pump. Fire+ San Pump Changed+ Cleaned F.O. burners on 1+2 Boiler. Pumped up port settlers from #4 & DBB tk. Bilges at a safe level. Checked Steering E.R. Made Routine Rounds on Mach + Eng's Spaces.

Oiler Stallworth F.W.T. Morgan Reefer Allen WATCH ENGR'S SIGNATURE- George Burnes

1600-2000 WATCH

At Anchor DA NANG Viet Nam. steaming as before. Changed + Cleaned burner in #1+2 boilers. shifted + Cleaned F.O. disk. strainers. 1700 Secured Gen. #2 1900 Disengaged J.J. 1935 tested Eng telegraph. 1940 opened main steam stops. 1945 started Turning Main Eng by Steam. 1940 S.E. manned by Mr. Minnis. 1945 started Stby. L.O. + feed Pumps Stby.

Oiler-Queen-F/W Lindsley-Ref. Gintel. WATCH ENGR'S SIGNATURE- [illegible]

2000-2400 WATCH

Underway Steaming on 18 Nozz. Maneuvering Bells as per full Body. @ 2125 Full Speed 18 Nozz - Bridge Notified, Cleaned + Changed burners, Made Routine Rounds + Insp of Mach + Eng spaces.
Added 2 gal L.O. to #1 Main Feed pump.

WATCH ENGR'S SIGNATURE- R. Summers

2400-0400 WATCH

Underway on 18 Nozz Mach as Before. Topped off Port Settlers from #4 & DBB tk. Held Engs Casualty drill B-10 Fuel oil Fire (Major Fire in Fire Room) Watch inst + Bridge Notified ccso-cice. Inspected + Cleaned Main L.O. disch. strainer. Pumped Bilges. Checked Steering E.R. Gens. Shifted + Cleaned #2 F.O. disch. strainers. Made Routine Inspections of Mach + Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Burnes

0400-0800 WATCH

Steaming as before on 18 Nozz. Held fire room Casualty drill B-10 fuel oil fire. Major fire in fire room. Watch inst + bridge notified. Shifted + Cleaned main L.O. strainer. shifted + Cleaned F.O. suction strainer. Checked Gen operating mach. inspected S.E. room. bilges at safe level. Gen rise 3706. 0730 Secured [illegible] Phone. After speed change to [illegible] full [illegible] detail moored + ready. 0736 Cleared Contacted [illegible]

3832530 WATCH ENGR'S SIGNATURE- [illegible]

0800-1200 WATCH

Arriving in Port Qui Nhon, Maneuvering Bells as per full Body. Held Eng Casualty Drill B-10 3 men present Bridge Notified, @ 1030 to 1100 @ 0830 Jacking Gear engaged, Vacuum on Main unit Main ejector on 2nd Stage. Made Rounds + Insp of mach + Eng spaces.
Added 2 gal L.O. to #1 fuel pump, added 2 gal L.O. to #2 fuel pump
Permission Denied By Bridge to Blow Tubes.

Oiler Lowell - F/W Hughes - Reefer - Beans WATCH ENGR'S SIGNATURE- R. Summers

CHIEF ENGINEER

		Stby - @ 1945	Dep - @ 2100
BOILER WATER READINGS		ctr - 22946630	ctr - ~~22943130~~ RLS ~~22183130~~ 22949870
STB'D	PORT	P fom 7216610	P fom - 7216870
HOURS 1930	HOURS 1930	S fom 3828670	S-fom 3828900
AKL 993	AKL 993		
T-AKL [illegible]	T-AKL [illegible]		
SAL. [illegible]	SAL. [illegible]	arrivin	g in port Qui Nhon. Vietnam
PHOS. [illegible]	PHOS. [illegible]	arr. 0742	FWE 0821
R.ph [illegible]	R.ph [illegible]	ctr 23009980	ctr 23010650
		P FOM - 7220780	P FOM - 7220980
		S FOM - 3832530	S FOM - 3832730

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN John POPE THP-110	7-F	AT Qui Nhon VietNam		P2-S2-R2	23-24-Feb-67

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		-					
DETENTION TIME		-					
REVOLUTION COUNTER (END OF WATCH)		—					
TOTAL REVOLUTIONS (FOR WATCH)		—					
AVERAGE RPM		—					
F.O. METER (END OF WATCH)		1105 4800	1105 5340	1105 6890	1105 6440	1105 7000	1105 7560
F.O. CONSUMED		550	540	550	550	560	560
MACHINERY PARTICULARS — PRESSURES	THROTTLE	-					
	H.P. AHEAD	--					
	L.P. AHEAD	—					
	VACUUM	25.5"	25.5"	25.5	25.5	25.5"	25.5
	L.O. TO TURBINES	12.5	12.5	12.5	12.5	12.5	12.5
	AUX. STEAM	150	150	150	150	150	150
	BACK PRESSURE	9	9	9	9	9	9
	GLAND STEAM	1.5	1.5	1.5	1.5	1.5	1.5
	H.P. BLEEDER	--	—			—	
	I.P. BLEEDER	—	—			—	
	L.P. BLEEDER	—	—			—	
MACHINERY PARTICULARS — TEMPERATURES	STEAM AT THROTTLE	—	—				
	L.P. EXHAUST	135	135	131	135	130	130
	CONDENSATE	82	82	88	82	82	81
	CIRC. WATER IN	74	74	73	74	75	73
	CIRC. WATER OUT	76	76	74	76	74	74
	L.O. TO COOLERS	112	112	112	110	112	112
	L.O. FROM COOLERS	109	109	108	108	109	109
	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	102 / 98	—			—	104
	1ST STAGE FEED WATER HEATER	-	-		—		
	D. C. FEED WATER HEATER	240	240	240	240	240	238
	3RD STAGE FEED WATER HEATER	—	—		—	—	
BOILER PARTICULARS — TEMPERATURES	F.O. TO BURNERS	190 / 190	190 / 190	180 / 180	165 / 165	[illegible]	160 / 160
	F. O. BACK PRESSURE	10 / 10	[illegible]	10 / 10	10 / 10	[illegible]	10 / 10
	AIR TO FURNACE	1.0 / 1.0	[illegible]	1.0 / 1.0	1.0 / 1.0	[illegible]	1.0 / 1.0
	UPTAKE	.41	[illegible]	.41	.41	.41	.41
	MAIN STEAM	440	[illegible]	440	440	440	440
BOILER PARTICULARS — PRESSURES	SUPER HEAT	-	-		-	—	
	F.O. TO BURNERS	155 / 160	[illegible]	155 / 160	160 / 160	155 / 155	155 / 155
	F.O. TEMP. IN SETTLING TANKS	90 / 90	[illegible]	90 / 90	90 / 90	[illegible]	90 / 90
	PORT BOILER UPTAKE	360	[illegible]	360	360	370	360
	STBD. BOILER UPTAKE	290	[illegible]	290	295	[illegible]	300
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	91	[illegible]	88	86	[illegible]	86
	FIRE ROOM TEMPERATURE	91	[illegible]	88	86	[illegible]	86
	NOZZLES IN USE	—	—			—	
	NO. OF BURNERS IN USE	2	2	2	2	2	2
	BURNER TIP SIZE	53/60	[illegible]	53/60	53/60	53/60	53/60
	CO_2 % PORT BOILER					-	
	CO_2 % STBD. BOILER					—	
	OIL LEVEL MAIN SUMP	1'2"	[illegible]	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		9	120	110		62	1100	1100	235
	2	1200	440		7	130	116		62	Idling		235
1600 TO 2000	1	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
	2	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	—	—	[illegible]
2000 TO 2400	1	1200	440		9	120	110		62	1200	1200	235
	2	1200	440		7	132	118		62	Idling		235
2400 TO 0400	1	1200	440		9	120	110		62	1250	1250	235
	2	1200	440		7	130	118		62	Idling		235
0400 TO 0800	1	1200	440		7	120	110		62	1250	1250	235
	2	1200	440		7	132	118		62	—	—	235
0800 TO 1200	1	1200	440		9	120	110		62	1250	1250	235
	2	1200	440		7	132	118		62	Idling		235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11052560	BOILER WATER	ON HAND AT START OF DAY	223
	METER PREVIOUS NOON	10054250		EVAPORATED OR RECEIVED	34
	CONSUMED BY METER	3310		ON HAND	240
	ON HAND AT START OF DAY	14749		CONSUMED	17
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	2405
	EXPENDED DURING DAY	170		RECEIVED	~~2400~~ 9
	REMAINING ON BOARD	14579		ON HAND	2400
DOMESTIC WATER	ON HAND AT START OF DAY	865		CONSUMED	5
	EVAPORATED OR RECEIVED	160	DIESEL OIL		1310
	ON HAND	921	ON HAND		1308
	CONSUMED	104	CONSUMED		2

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
3½	4	4	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			