FOWARD E.R.

ENGINE ROOM LOG

GEARED TURBINE DRIVE

USNS GEN JOHN POPE TAP-110

FROM 0000 1 MAR. **19** 67 **TO** 2400 2 APR. **19** 67

MSTS FORM 9410/1 (REV. 7-65)
S/N 0104-500-4301

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 ship, and with pen and ink or idelible pencil. No erasures nor the removal of any pages will be permitted. Incorrect entries may be changed by drawing a single line through same with ink or idelible 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, including violations of orders or regulations. Entries 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 accomplished during watches.

(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.; details to be recorded in Machinery History.

(e) Pumping of bilges.

(f) Blowing of tubes *(not applicable to Diesel and Diesel Electric).*

(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) Record of special tests, i.e., running idle pumps, reach rods to valves, hydrostatic.

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

(k) Filtering and cleaning elements installed in fuel and lube oil lines.

5. In twin screw ships when the machinery for each propeller is in separate Engine rooms, two books shall be utilized and each book shall be properly marked to indicate to which Engine room machinery it applies. When both Engines of a twin screw ship are in the same Engine space, proper identification of operating machinery will be pre-printed on each page or hand written on each page prior to daily operations.

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 MP	7-6	Gulf Nha Trang Vietnam	Pusan Korea	P-2-S2-R2	5-1-67

	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)				2347 0140	2350 0180	2352 1550
TOTAL REVOLUTIONS (FOR WATCH)				21520	21740	21370
AVERAGE RPM				98.2	98.8	89.0
F.O. METER (END OF WATCH)				1111 5536	1112 0920	1112 3100
F.O. CONSUMED				2476	2390	2180
MACHINERY PARTICULARS — PRESSURES — THROTTLE	413 440			440	435	440
H.P. AHEAD	440			440	435	440
L.P. AHEAD	22			22	22	10
VACUUM	29"			29"	29	29
L.D. TO TURBINES	12			12	12	12
AUX. STEAM	150			150	150	150
BACK PRESSURE	9			9	9	9
GLAND STEAM	1.0			1.0	1.0	1.0
H.P. BLEEDER	6.2			6.2	6.2	~~6.0~~
I.P. BLEEDER	6			6	6	~~6~~
L.P. BLEEDER	10			10	10	8
TEMPERATURES — STEAM AT THROTTLE	670			670	650	660
L. P. EXHAUST	92			92	90	83
CONDENSATE	85			85	81	82
CIRC. WATER IN	59			59	58	64
CIRC. WATER OUT	72			72	68	72
L.O. TO COOLERS	120			120	120	122
L.O. FROM COOLERS	110			110	109	105
TEMPERATURE THRUST BEARING	119			119	118	114
FORWARD H.P. ROTOR BEARING	112			113	113	110
AFT. H.P. ROTOR BEARING	135			135	135	132
FORWARD L.P. ROTOR BEARING	132			132	130	123
AFT. L.P. ROTOR BEARING	130			130	129	124

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD	142 151			150	155	133
HOTTEST GEAR BEARING AFT	145			145	143	123
AUX. COND. CONDENSATE	75			95	95	100
1ST STAGE FEED WATER HEATER	150			150	152	150
D. C. FEED WATER HEATER	240			240	240	238
3RD STAGE FEED WATER HEATER				105	-	
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P				600	600	600
SUPER HEAT S				650	650	650
F.O. TO BURNERS				152 159	155 155	150 155
AIR TO FURNACE P				4.8	4.5	4.0
AIR TO FURNACE S				4.8	4.8	4.0
F.O. TEMP. IN SETTLING TANKS P				70	90	90
F.O. TEMP. IN SETTLING TANKS S				85	85	85
PORT BOILER UPTAKE				320	320	310
STBD. BOILER UPTAKE				300	300	305
PRESSURES — F. O. BACK PRESSURE				10 10	10 10	10 10
MAIN STEAM				440	445	440
F.O. TO BURNERS				175 170	170 170	200 200
MISCELLANEOUS — MAIN COND. SALINITY				141	2	91
ENGINE ROOM TEMPERATURE				70	70	71
FIRE ROOM TEMPERATURE				70	70	71
NOZZLES IN USE				18	18	18
NO. OF BURNERS IN USE P				2	3	2
NO. OF BURNERS IN USE S				3	3	2
BURNER TIP SIZE P				5 3/16	5 3/16	5 3/16
BURNER TIP SIZE S				5 3/16	5 3/16	5 3/16
CO_2 % PORT BOILER				—	10	
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												
1600 TO 2000												
2000 TO 2400												
2400 TO 0400	2	1200	440	670	7	126	111		62	1250	1250	255
0400 TO 0600	2	1300	440	680	7	124	105		62	1300	1300	255
0800 TO 1200	2	1200	440	600	7	127	112		62	1300	1300	255

FUEL - WATER AND LUBE OIL

FUEL OIL — METER AT NOON	1112 3100	
FUEL OIL — METER PREVIOUS NOON	1111 6060	
FUEL OIL — CONSUMED BY METER	7,040	
FUEL OIL — ON HAND AT START OF DAY	11,927	
FUEL OIL — RECEIVED DURING DAY	-0-	
FUEL OIL — EXPENDED DURING DAY	332	
FUEL OIL — REMAINING ON BOARD	11,595	
DOMESTIC WATER — ON HAND AT START OF DAY	977	
DOMESTIC WATER — EVAPORATED OR RECEIVED	164	
DOMESTIC WATER — ON HAND	982	
DOMESTIC WATER — CONSUMED	159	
BOILER WATER — ON HAND AT START OF DAY	260	
BOILER WATER — EVAPORATED OR RECEIVED	24	
BOILER WATER — ON HAND	255	
BOILER WATER — CONSUMED	29	
LUBE OIL — ON HAND AT START OF DAY	2380	
LUBE OIL — RECEIVED	-0-	
LUBE OIL — ON HAND	2360	
LUBE OIL — CONSUMED	20	
DIESEL OIL — ON HAND	1298	
DIESEL OIL — RECEIVED	-0- 3	
DIESEL OIL — CONSUMED	1295	

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

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
		P	3 2/3	3 2/3	4

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%)	Pos. 11.91
DETENTION TIME	-0-	BBL FUEL/MI	1.41 1.61
TOTAL REVOLUTIONS	130,640	WIND DIRECTION	040°
AVERAGE R.P.M.	94.6	STATE OF SEA	Slight
TOTAL MILES BY ENGINE	487	STATE OF WEATHER	52°
TOTAL MILES BY OBSERVATION	429		

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 Inspection. #1 & 3 Boilers 1 & 2 F.O. Blowers 1 & 2 F.O. pumps. 1 & 2 MN F.O. pumps. Main M.R. Engineer. MN C.R. pump. Got to aux. MN HUB Cond pump. L.O. purifier. L.O. pump. #2 Aux Generator. MN M.R. Compressor. Fire Main pump. Port Stacking Gear. Pumped up Port Settler. From #5 & 6. Inspected & cleaned MAIN L.O. disch strainer. Daily test of ship L.O. pump 1-hr. Advanced Clocks 20 minutes. Changed & cleaned Control F.O. burners 1/2 disch strainers. Pumped Bilges. Checked Steering Gear. Gear. Add 2 Gal L.O. to Main Eng. Made Round Rounds on Mach & Eng. Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before. Changed bottom burners on #1 & 2 boilers. Shifted & Cleaned F.O. disch. & suct. strainers to #1 & 2 boilers. Cut in bd #2 boiler with MSV & MSN.
At 0501 advanced clocks (60 min) fwd. one at 0700. W.T. door op. & secured. Made opening mach & Eng. spaces. Got air added to #1 & 2 field gauges.

WATCH ENGR'S SIGNATURE- [illegible]

0800-1200 WATCH

Underway Steaming 18 Nozz. Cleaned & Changed F.O. Disch strainers P+S. Shift & Clean L.O. Strainer #1 Eng. Blew tubes #1+2 Boiler 0800 & 0830. @ 0850 Reduced speed to 10 Nozz 90 RPM., Made Rounds & Insp of Mach & Eng spaces.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER TEST

STBD -	PORT
[illegible]	[illegible]
AK-295	[illegible]
[illegible]	[illegible]
CL-290	CL-290
PH-10	PH-10
PH-50	PH-30

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope Tpt 112	7 G	Qui Nhon Vietnam	Pusan Korea	P2-S2-R2	1-2-MAR-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	150	
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	2356 1950	2356 1870	2357 4420	2358 3410	2358 9810	
TOTAL REVOLUTIONS (FOR WATCH)	2040	19920	12550	9470	5920	
AVERAGE RPM	85.0	83.3	52.3	39.4	39.4	
F.O. METER (END OF WATCH)	1112 5180	1112 7360	1112 8460	1112 9510	1113 0410	1113 1420
F.O. CONSUMED	2000	2180	1100	950	1110	
MACHINERY PARTICULARS — PRESSURES						
THROTTLE	440	440	440	440		
H.P. AHEAD	440	430	180	85		
L.P. AHEAD	16	8	-15	-16		
VACUUM	29"	29"	29	29"		26"
L.O. TO TURBINES	12	12	12	12		
AUX. STEAM	150	150	150	150		150
BACK PRESSURE	9	9	9	9		9
GLAND STEAM	1.0	2.0	1.0	2.0		1.0
H.P. BLEEDER	60	60				
I.P. BLEEDER	6	6				
L.P. BLEEDER	13	19"	—			
MACHINERY PARTICULARS — TEMPERATURES						
STEAM AT THROTTLE	625	650	560	560		
L. P. EXHAUST	85	80	78	77		150
CONDENSATE	72	74	70	70		72
CIRC. WATER IN	60	60	58	58		54
CIRC. WATER OUT	70	66	62	62		53
L.O. TO COOLERS	124	122	120	120		112
L.O. FROM COOLERS	108	108	108	109		106
TEMPERATURE THRUST BEARING	115	118	114	115		
FORWARD H.P. ROTOR BEARING	112	115	105	100		
AFT. H.P. ROTOR BEARING	124	130	120	122		
FORWARD L.P. ROTOR BEARING	125	125	112	114		
AFT. L.P. ROTOR BEARING	124	125	115	116		

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D)							
HOTTEST GEAR BEARING FORWARD		135	135	120	120		
HOTTEST GEAR BEARING AFT		135	130	120	120		
AUX. COND. CONDENSATE		100		70	72		85
1ST STAGE FEED WATER HEATER		146	148	—	—		—
D. C. FEED WATER HEATER		240	240	240	240		238
3RD STAGE FEED WATER HEATER		[illegible]					
BOILER PARTICULARS — TEMPERATURES							
SUPER HEAT	P	600	590	560	585		550
	S	640	650	580	610		540
F.O. TO BURNERS	P	155	155	155	160		160
	S	155	165	160	160		160
~~[illegible]~~ AIR TO FURNACE	P	3.0	5.0	1.5	2.0		1.5
	S	3.0	4.0	1.5	2.0		1.0
F.O. TEMP. IN SETTLING TANKS	P	80	90	70	85		85
	S	75	95	70	85		90
PORT BOILER UPTAKE		310	320	295	285		365
STBO. BOILER UPTAKE		305	305	295	280		275
BOILER PARTICULARS — PRESSURES							
F. O. BACK PRESSURE	P	15	13	12	15		12
	S	15	11				
MAIN STEAM		440	440	440	440		440
F.O. TO BURNERS	P	150	190	160	160		140
	S	150	185	160	160		140
MISCELLANEOUS							
MAIN COND. SALINITY		.41	.41	.41	.41		.41
ENGINE ROOM TEMPERATURE		70	70	69	69		69
FIRE ROOM TEMPERATURE		70	70	69	69		69
NOZZLES IN USE		14	BLOCK	—			
NO. OF BURNERS IN USE	P	3	3	1	1		1
	S	3	3	1	1		1
BURNER TIP SIZE	P	53/70	53/70	53/70	53/70		53/70
	S	53/70	53/70	53/70	53/70		53/70
CO_2 % PORT BOILER							
CO_2 % STBO. BOILER							
OIL LEVEL MAIN SUMP		1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

NO TURNING

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	2	1200	440	615	7	126	112		62	1300	1300	235
1600 TO 2000	1				SEC							
	2	1200	460	650	7	126	112		63	1150	1150	235
2000 TO 2400	2	1200	440	560	7	130	116		62	1000	1000	235
2400 TO 0400	2	1200	440	560	7	128	112		62	1050	1050	235
0400 TO 0800	2	1200	440	560	7	128	114		63	1050	1050	235
0800 TO 1200	2	1200	440		7	127	112		62	1300	1300	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1113 1420
	METER PREVIOUS NOON	1112 3100
	CONSUMED BY METER	
	ON HAND AT START OF DAY	11,595
	RECEIVED DURING DAY	-0-
	EXPENDED DURING DAY	345
	REMAINING ON BOARD	11,250
DOMESTIC WATER	ON HAND AT START OF DAY	982
	EVAPORATED OR RECEIVED	165
	ON HAND	977
	CONSUMED	165

BOILER WATER	ON HAND AT START OF DAY	255
	EVAPORATED OR RECEIVED	19
	ON HAND	239
	CONSUMED	35
LUBE OIL	ON HAND AT START OF DAY	2360
	RECEIVED	-0-
	ON HAND	2350
	CONSUMED	10
DIESEL OIL	ON HAND	1295
	RECEIVED	-0-
	CONSUMED	5

LOW PRESS. EVAPORATORS (No. of hrs. operated; Fresh water made gals.) 42

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	1110	PROPELLER SLIP (%)	
DETENTION TIME	-0-	BBL FUEL/MI	
TOTAL REVOLUTIONS	60,800	WIND DIRECTION	
AVERAGE R.P.M.	54.8	STATE OF SEA	
TOTAL MILES BY ENGINE	226	STATE OF WEATHER	
TOTAL MILES BY OBSERVATION			

REMARKS

1200-1600 WATCH

Underway on 10 Nov 22 Mach 7 operated #1 & 2 Boilers 1 & 2 F.O. Blowers, 1 & 2 F.O. pumps, 1 & 2 M.N. F.O. pumps. M.N. & Aux. Air Ejectors M.N. S.W. pump. Stbd. to Aux. M.N. & Aux. Cond. pump. L.O. purifier L.O. pump. #2 Aux Generator. M.N. A.R. Compressor. Fire & San pump. Port Steering Gear. Tested overspeed trip L.O. L.O. alarm on M.N. Turbine & Thrust. Pumped up Port Settlers from #3 & F.P.T. Tks. Pumped Bilges. Checked Steering Gear. Gear ~~14 Nov 22 Feb 90 RPM @ 1300 Bridge Notified~~ Made Routine Rounds on Mach & Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Bunny

1600-2000 WATCH

Steaming as before on 14 Nov 22. at 1550 to 1617 blew tubes on #1 & 2 boilers. 1806 slowed to 80 R.P.M. B/B. sun set 1820. W.T. doors closed B/B. shifted & cleaned F.O. disch. strainer to #1 & 2 boilers. 1822 Closed all hand controlled nozzles. Checked all operating mach. and Eng. spaces. Added (1) one gal oil Ea. to #1 & 2 feed pumps.

WATCH ENGR'S SIGNATURE- Fred Jones

2000-2400 WATCH

Underway Steaming at 80 RPM, @ 2030 Reduced Speed to 60 Rpm. B/B. @ 2143 Reduce speed to 40 Rpm B/B, Cleaned F.O. disch strainers P+S. Clean L.O. Strainer #2 Generator, Made Rounds + Insp of Mach. + Engine spaces added 1 gal L.O. to #1 Main Feed pump. added 1 gal L.O. to #2 Feed pump.

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH

Underway at 40 RPM Mach as Before. Changed + Cleaned burners in #1 & 2 Boilers P/S disch. Strainers. Inspected + Cleaned Main L.O. disch Strainers. Bi-Ly test of Stby L.O. Pump F.X 1 hr. Held Engs Casualty drill B-12 Flashback. Watch Inst + Bridge notified 0100-0300 Pumped up Port Settlers from #3 & #2 P/S DB Tks. Pumped Bilges. Checked Steering Gear. Made Routine Rounds on Mach + Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Bunny

0400-0800 WATCH

Steaming as before at 40 R.P.M. shifted + cleaned F.O. suction strainer. Held fire room Casualty drill B-12, Flashback, watch inst. bridge notified. 0547 slowed to 20 RPM P/B. all other speed changes as per bell book. 0615 shifted to inboard settler by order Ch. Eng. ARR-0630 CTR 23589810 P-FOM-7261180 S-3868800. sea detail set at 0645. opened high sea suction 0645. Sun rise 0656 Checked operating mach. + S.E. room added (2) gal oil to #3 feed pump.

WATCH ENGR'S SIGNATURE- Fred Jones

0800-1200 WATCH

Arriving in port, Pusan Korea, Maneuvering jobs as per Bell Book 0826 FWE. 0830 Close Main Stops, Engage Jacking Gear, Maintain Vacuum on Main Unit, air Ejector on 2nd stage, Clean + Shift F.O. Disch strainers P+S, Clean + Shift L.O. Strainer #2 Turb Generator. Made Rounds + Insp of Mach + Eng spaces.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

		F.W.E. — 0826
BOILER, WATER, TEST.		Ctr — 23592180
STBD.	PORT	P-FOM — 7261620
HRS-354	HRS-1918	S-FOM — 3869170
AK-818	AK-1051	
TAK-1226	TAK-1460	
PH-10	PH-10	
PHOS-50	PHOS-50	
CL-290	CL-290	

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John [illegible] Taylor	1-G	Pusan Korea		[illegible]	2-3-1 Mar 67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	-		40	240	[illegible]	
DETENTION TIME	-					
REVOLUTION COUNTER (END OF WATCH)			2359 7540	2361 9930	[illegible]	
TOTAL REVOLUTIONS (FOR WATCH)			3560	22570	19620	
AVERAGE RPM			89.0	93.3		
F.O. METER (END OF WATCH)	1113 1750	1113 2260	1113 3640	1113 6130	[illegible]	[illegible]
F.O. CONSUMED	310	530	1480	2490	[illegible]	920
MACHINERY PARTICULARS — PRESSURES — THROTTLE	-			930	[illegible]	
H.P. AHEAD				430	[illegible]	
L.P. AHEAD	-			22	[illegible]	
VACUUM	26"	26		29"	[illegible]	
L.O. TO TURBINES	15	13		12	[illegible]	
AUX. STEAM	150	150		150	[illegible]	
BACK PRESSURE	9			9	[illegible]	
GLAND STEAM	10	10		2.0	[illegible]	
H.P. BLEEDER	-			62	[illegible]	
I.P. BLEEDER	-	-		6	[illegible]	
L.P. BLEEDER	-			10		
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	-	-		615	625	
L. P. EXHAUST	140	140		93	90	
CONDENSATE	73	65		83	59	
CIRC. WATER IN	53	55		57	60	
CIRC. WATER OUT	70	72		72	75	
L.O. TO COOLERS	112	112		123	129	
L.O. FROM COOLERS	106	106		106	106	
TEMPERATURE THRUST BEARING	-			117	112	
FORWARD H.P. ROTOR BEARING	-			118	115	
AFT. H.P. ROTOR BEARING	-			130	130	
FORWARD L.P. ROTOR BEARING	-			127	130	
AFT. L.P. ROTOR BEARING	-			125	128	

Not recorded

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD	-			152	155	
HOTTEST GEAR BEARING AFT	-			140	140	
AUX. COND. CONDENSATE	70	-		75	-	
1ST STAGE FEED WATER HEATER	-	75		150	150	
D. C. FEED WATER HEATER	240	240		240	240	
3RD STAGE FEED WATER HEATER		-			-	
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P	550	550		615	620	
SUPER HEAT S	550			660	660	
F.O. TO BURNERS	150/160			150/160	150/160	
PREHEAT AIR TO FURNACE P	100			50	50	
PREHEAT AIR TO FURNACE S	100			105	105	
F.O. TEMP. IN SETTLING TANKS P	75			85	80	
F.O. TEMP. IN SETTLING TANKS S	75			75	70	
PORT BOILER UPTAKE	365			365	325	
STBD. BOILER UPTAKE	275			315	315	
PRESSURES — F. O. BACK PRESSURE	15			12	12	
MAIN STEAM	1100			1130	1130	
F.O. TO BURNERS	150/160	150/160		150/160		
MISCELLANEOUS — MAIN COND. SALINITY	1.41	1.41		1.41	2	
ENGINE ROOM TEMPERATURE	72	72		68	72	
FIRE ROOM TEMPERATURE	72	72		68		
NOZZLES IN USE	-			18	18	
NO. OF BURNERS IN USE P	1	1		3	3	
NO. OF BURNERS IN USE S				3	3	
BURNER TIP SIZE P	5/16	5/16		5/16	5/16	
BURNER TIP SIZE S	5/16			5/16	5/16	
CO_2 % PORT BOILER		-				
CO_2 % STBD. BOILER		-				
OIL LEVEL MAIN SUMP	1'2"	[illegible]		1'2"	1'2"	

Not recorded

Not recorded

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	2	1200	440		7	128	114		62	1200	1200	235
1600 TO 2000	2	1300	440		7	126	112		65	[illegible]	[illegible]	[illegible]
2000 TO 2400	2	1200	440		7	126	112		62	1200	1200	235
2400 TO 0400	2	1300	430	675	7	126	112		62	1300	1300	235
0400 TO 0800	1		IDLE	IN								
	2	1200	430	675	7	125			62	1300	1300	235
0800 TO 1200	1	1200	440			125	105		62	300	300	235
	2	1200	440			128	112		62	[illegible]	[illegible]	235

FUEL - WATER AND LUBE OIL

FUEL OIL — METER AT NOON	1113547.0	
FUEL OIL — METER PREVIOUS NOON	1113142.0	
FUEL OIL — CONSUMED BY METER	805.0	
FUEL OIL — ON HAND AT START OF DAY	11,250	
FUEL OIL — RECEIVED DURING DAY	-0-	
FUEL OIL — EXPENDED DURING DAY	315	
FUEL OIL — REMAINING ON BOARD	10,935	
DOMESTIC WATER — ON HAND AT START OF DAY	977	
DOMESTIC WATER — EVAPORATED OR RECEIVED	72	
DOMESTIC WATER — ON HAND	980	
DOMESTIC WATER — CONSUMED	69	
BOILER WATER — ON HAND AT START OF DAY	239	
BOILER WATER — EVAPORATED OR RECEIVED	8	
BOILER WATER — ON HAND	234	
BOILER WATER — CONSUMED	13	
LUBE OIL — ON HAND AT START OF DAY	2350	
LUBE OIL — RECEIVED	-0-	
LUBE OIL — ON HAND	2340	
LUBE OIL — CONSUMED	10	
DIESEL OIL — ON HAND	1290	
DIESEL OIL — RECEIVED	1288	
DIESEL OIL — CONSUMED	2	

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

4	4	4	[illegible]	[illegible]

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	[illegible]

SUMMARY

RUNNING TIME	492	PROPELLER SLIP (%)	
DETENTION TIME	-0-	BBL FUEL/MI	1.252
TOTAL REVOLUTIONS ARG.	40,590	WIND DIRECTION	
AVERAGE R.P.M.	82.5	STATE OF SEA	
TOTAL MILES BY ENGINE	151	STATE OF WEATHER	
TOTAL MILES BY OBSERVATION			

REMARKS

1200-1600 WATCH

Port Watch Pusan Korea. Mach Inspection 1 & 2 Bo. Lobs. 1 & 2 Fr. Blowers. 1 & 2 Fo. Pumps 1 & 2 Main Pumps Main Air Ejector Main Cir. Pump. Cir. to AUX. Main Cond + Aux Pumps L.O. purifier L.O. pump Main Air Compressor Fire & Sal Pump. 1 & 2 Aux Generator. Pumped up fuel settlers from #2 P/S DB Bilges. All H Safe Level. Vacum up on Main Unit 2nd Stage Main Air Ejector. Checked Steering L.R. Made Routine Rounds on Mach + Engs Spaces.

Oiler Lovell Fwt Lindsley Reyer Miller WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before. Test with Gives Pressure Raise. Checked air ejector Mach. + Eng. spaces. Routine inspect in Tank conditions normal.

Oiler Queen Fwt [illegible] Reyer [illegible] WATCH ENGR'S SIGNATURE- H. [illegible]

2000-2400 WATCH

Maneuvering Leaving port Pusan. @ 2055 Permission from Bridge to roll engines by steam, 2100 test Eng telegraph @ 2115 Rolling Main Eng by Steam @ 2145 Ready to answer all bells. @ 2150 Stby @ 2156 Steering Eng manned by Mc Ginnis @ 2203 Closed all Wt Doors @ 2300 Departure, @ 2325 Full Speed 18 Knots.
Added 2 gal L.O. to #1 Fwd pump

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH

Underway on 1 & 2 Mach as before. Changed + Cleaned Bottom Fo burners P/S disch strainers. Inspected + Cleaned Main L.O. disch strainers. Pumped Bilges. Daily Test of Stby L.O. pump. Checked steering L.R. Gear. Made Routine Rounds on Mach + Eng. Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before. On 18 kts. Shifted main circ. disch strainers. Shifted & cleaned F.O. Sect. Trimmer. Pumped bilges + cargo hold. Shifted + cleaned F.O. Disch. Strainers to #2 boiler. 0600 Secured Main Plant and started turbo gen. to rolling. Sea detail at 0700 All gear secured. [illegible] McGinnis Sea detail stations secured at 0645 [illegible]

WATCH ENGR'S SIGNATURE- [illegible]

0800-1200 WATCH

Arriving in Port, Tosafo Japan, Maneuvering bells as per full force @ 0753 - F.W.E., Head Main Steps, Jacking gear engaged @ 0805, Air Ejector on Sec Stage, Maintain vacuum on Main unit, @ 1000 Disengaged jacking gear @ 1000 Permission to roll Main engine by steam, 1005 open Main steps, Rolling by steam @ 1025 Test Engine telegraph, @ 1045 Steering Eng Manned by McGinnis @ 1105 Stby. Maneuvering bells as per Sea Det. Made Rounds of Mach + Engine Spaces.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

		Stby	2150	Stby 1105
BOILER TEST.		Ctr	23592490	Ctr 23640840
STBD.	PORT	P From	7262650	P From 7266330
HRS-311	HRS 1942	S From	3870080	S From 3873140
[illegible]	[illegible]			
[illegible]	[illegible]	Dep.	2300	
[illegible]	[illegible]	Ctr	23593980	
[illegible]	[illegible]	P From	7262850	
[illegible]	[illegible]	S From	3870290	

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope [illegible]	1-6	Bhsebe Japan		R2-S2-R2	3-4-MAR-67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TD 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)	1114 4450	[illegible]	1115 2550	1114 3160	1114 3660	1114 4100
F.O. CONSUMED	480	[illegible]	530	560	550	540
MACHINERY PARTICULARS — PRESSURES — THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM	29"		26"	26	26	[illegible]
L.O. TO TURBINES	13		12.5	13	13	
AUX. STEAM	150		150	150	150	
BACK PRESSURE	9		9	9	9	
GLAND STEAM	[illegible]		5	[illegible]	1.0	
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE						
L. P. EXHAUST	178		160	145	150	[illegible]
CONDENSATE	60		65	63	[illegible]	[illegible]
CIRC. WATER IN	55		55	54	[illegible]	55
CIRC. WATER OUT	53		54	56	[illegible]	54
L.O. TO COOLERS	111		110	110	[illegible]	110
L.O. FROM COOLERS	109		106	106	[illegible]	105
TEMPERATURE THRUST BEARING			100			
FORWARD H.P. ROTOR BEARING			109			
AFT. H.P. ROTOR BEARING			109			
FORWARD L.P. ROTOR BEARING			113			
AFT. L.P. ROTOR BEARING			119			

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD			105	-	-	
HOTTEST GEAR BEARING AFT			96	-	-	
AUX. COND. CONDENSATE	[illegible]		95/90	76/[illegible]	-	-
1ST STAGE FEED WATER HEATER	-	-	84	-	85	[illegible]
D. C. FEED WATER HEATER	240	[illegible]	240	240	[illegible]	[illegible]
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P	565		550	570	[illegible]	[illegible]
SUPER HEAT S	550		560	575	[illegible]	[illegible]
F.O. TO BURNERS	165 [illegible]				[illegible]	[illegible]
AIR TO FURNACE P	[illegible]			[illegible]	[illegible]	[illegible]
AIR TO FURNACE S	[illegible]			[illegible]	[illegible]	[illegible]
F.O. TEMP. IN SETTLING TANKS P	90		90	85	90	[illegible]
F.O. TEMP. IN SETTLING TANKS S	90		90	90	90	[illegible]
PORT BOILER UPTAKE	370		305	370	[illegible]	[illegible]
STBD. BOILER UPTAKE	275		305	305	[illegible]	[illegible]
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE	[illegible]				[illegible]	[illegible]
MAIN STEAM	[illegible]		420	[illegible]	[illegible]	[illegible]
F.O. TO BURNERS	[illegible]		160/160	[illegible]	[illegible]	[illegible]
MISCELLANEOUS — MAIN COND. SALINITY	[illegible]		.41	[illegible]	[illegible]	[illegible]
ENGINE ROOM TEMPERATURE	76		74	72	[illegible]	[illegible]
FIRE ROOM TEMPERATURE	76		74	72	[illegible]	[illegible]
NOZZLES IN USE	-				-	-
NO. OF BURNERS IN USE P	1		1	1	1	
NO. OF BURNERS IN USE S	1		1	1		
BURNER TIP SIZE P	53/60		53/60	53/60	[illegible]	[illegible]
BURNER TIP SIZE S	53/60		53/60	53/60	[illegible]	[illegible]
CO_2 % PORT BOILER					-	-
CO_2 % STBD. BOILER					-	-
OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"	1'2"	[illegible]	[illegible]

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	120[illegible]	440		9	115	105		62	[illegible]	[illegible]	235
	2	120[illegible]	440		9	120	112		62	650	550	235
1600 TO 2000	1	[illegible]	[illegible]		9	105	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
	2	[illegible]	[illegible]		9	120	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
2000 TO 2400	1	1200	440		9	114	105		62	500	500	235
	2	1200	440		9	128	114		62	550	550	235
2400 TO 0400	1	1200	440		9	116	107		62	[illegible]	[illegible]	235
	2	120[illegible]	440		9	[illegible]	112		52	[illegible]	500	235
0400 TO 0800	1	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
	2	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]
0800 TO 1200	1	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	523	[illegible]	[illegible]
	2	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11144100	BOILER WATER — ON HAND AT START OF DAY	234
	METER PREVIOUS NOON	11139470	EVAPORATED OR RECEIVED	40
	CONSUMED BY METER	4630	ON HAND	244
	ON HAND AT START OF DAY	10,935	CONSUMED	30
	RECEIVED DURING DAY	2964	LUBE OIL — ON HAND AT START OF DAY	2340
	EXPENDED DURING DAY	180	RECEIVED	-0-
	REMAINING ON BOARD	13,719	ON HAND	2330
DOMESTIC WATER	ON HAND AT START OF DAY	980	CONSUMED	10
	EVAPORATED OR RECEIVED	78	DIESEL OIL — ON HAND	1288
	ON HAND	970	RECEIVED	1285
	CONSUMED	88	CONSUMED	3

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

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		PROPELLER 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

MANUVERING F.W.E. @1229 CTR-2364 1460 FOM #1-3873360 #2-7366660. SEC. MS. + BS. Engaged Jacking Gear + started Turning Motor @1238. Bells as per Bell Book. Mach. Inoperation #1+2 Boilers. 1+2 FD Blowers. 1+2 F.O.S. pumps. 1+2 MN.F.P. pumps. Main Air Compressor. MN+aux Air Ejectors. L.O. Purifier. L.O.S pump. MN+aux Circ. pumps MN+aux Cond. pumps. 1+2 aux Generators. Fire + San. pump. Vacum up on MN. unit. Bilges at a safe level. Checked steering E.R. Made Routine Rounds on Mach + Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

1600 Wheel Cleared by bridge. 1605 open main + Bckd. stops. 1609 tested Eng. Telegraph. 1700 pla[illegible] Tail. 1705 steering Eng. manned by McGinnis. 1845 secured main + bkd stops. 1847 engaged J.G. + started Gear.

STBY. CTR. 2364 1370 - P. FOM. 7267340.5. FOM. 3873930. FWE. CTR. P. FOM. 7267580.5 - FOM. 3[illegible]140

OILER-QUEEN F/W LINDSLEY-REF-GINTEL

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH

PORT WATCH. MACHINERY IN OPERATION AS BEFORE.

ROUTINE PORT WATCH CONDITIONS NORMAL.

KEELAN-FWT / STALLWORTH-OILER

WATCH ENGR'S SIGNATURE- Karsten

2400-0400 WATCH

ANCHOR Port Watch Mach 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 Hoop 1 hrs. Pumped Bilges. Checked steering E.R. General checks of all Mach + spaces. HILL Evaporator Lit man Fail to Report for 0000-0400 Watch Made Routine Rounds on Mach + Eng's spaces.

OILER STALLWORTH FWT. MORGAN Refer 555

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Anchored Sasebo Japan. steam as before. shifted + Cleaned main L.O. disch. strainer. shifted F.O. suction + Port disch. strainers. Checked operating mach. + Eng. spaces.

OILER-QUEEN. F/W LINDSLEY. REF-GINTEL.

WATCH ENGR'S SIGNATURE- Hm Jones.

0800-1200 WATCH

Port watch. Steaming as before. Checked all operating mach. + Eng spaces. Routine in Port watch Conditions normal.

OILER-QUEEN F/W LINDSLEY-REF-HERIGSTAD

WATCH ENGR'S SIGNATURE- Hm Jones

CHIEF ENGINEER

TOOK ABOARD 2,964 BBLS H.S.F.O. SASEBO JAPAN.

BOILER - TEST

STBD. ~~395~~	PORT
HRS-395	HRS, 1966
AK-993	AK-993
T-AK-1285	T-AK-1285
PHOS-50	PHOS-50
Ph-10	Ph-10
CL-331	CL-331

CHIEF ENGR'S SIGNATURE- Everett Thomas

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAYLOR	7-11	SHSL-bc JAPAN	N.S.C. OAKLAND CALIF	P2-S2-R2	4-5-MAR-67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	40	240	240	240	240	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	2364 7920	2367 1460	2369 5090	2371 8600	2374 1960	2376 5370
TOTAL REVOLUTIONS (FOR WATCH)	3630	23540	23630	23510	23360	23410
AVERAGE RPM	90.8	98.0	96.1	98.0	97.3	97.5
F.O. METER (END OF WATCH)	1114 5760	1114 8650	1115 1420	1115 4270	1115 6980	1115 9710
F.O. CONSUMED	1660	2890	2820	2800	2690	2730
MACHINERY PARTICULARS — PRESSURES — THROTTLE	435	440	440	440	440	440
H.P. AHEAD	435	440	440	440	440	440
L.P. AHEAD	24	27	27	27	27	26
VACUUM	29"	28.7"	28.5	28.7	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	2.0	2.0	1.0	1.5	1.0	1.0
H.P. BLEEDER	62	72	60	62	60	60
I.P. BLEEDER	6	6	6	6	6	6
L.P. BLEEDER	10"	8	8"	8"	8"	8"
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	675	695	670	690	695	690
L. P. EXHAUST	90	95	103	99	100	102
CONDENSATE	85	88	96	92	91	96
CIRC. WATER IN	60	65	68	67	70	68
CIRC. WATER OUT	76	76	82	78	80	82
L.O. TO COOLERS	124	127	127	126	127	126
L.O. FROM COOLERS	105	108	108	108	108	108
TEMPERATURE THRUST BEARING	117	118	117	112	118	117
FORWARD H.P. ROTOR BEARING	122	120	116	122	123	122
AFT. H.P. ROTOR BEARING	136	135	135	136	135	135
FORWARD L.P. ROTOR BEARING	130	133	128	130	133	129
AFT. L.P. ROTOR BEARING	126	128	128	125	128	127

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD		148	155	154	150	150	153
HOTTEST GEAR BEARING AFT		144	143	143	144	145	143
AUX. COND. CONDENSATE		94 96	88/90	95	10 85		110
1ST STAGE FEED WATER HEATER		154	156	162	155	158	162
D. C. FEED WATER HEATER		240	240	240	240	238	235
3RD STAGE FEED WATER HEATER		160	—	—	—		
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT	P	670	660	660	660	650	670
	S	670	670	660	660	680	680
F.O. TO BURNERS		160/160	160/160	160/160	160/160	160/160	155/160
PRESSURE AIR TO FURNACE	P	5.0	6.4	5.8	6.0	5.8	5.5
	S	5.2	6.4	5.8	6.4	6.2	5.0
F.O. TEMP. IN SETTLING TANKS	P	90	90	90	80	90	90
	S	95	95	95	90	90	90
PORT BOILER UPTAKE		340	330	320	330	335	325
STBD. BOILER UPTAKE		340	345	330	340	340	310
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE		10/10	12/10	12	14/14	11/10	10/5
MAIN STEAM		435	440	440	440	440	440
F.O. TO BURNERS		190/190	200/190	200/200	190/190	175/185	190/185
MISCELLANEOUS — MAIN COND. SALINITY		.01	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE		72	75	80	80	80	82
FIRE ROOM TEMPERATURE		72	75	80	80	80	82
NOZZLES IN USE		18	18	18	18	18	18
NO. OF BURNERS IN USE	P	3	3	3	3	3	3
	S	3	3	3	3	3	3
BURNER TIP SIZE	P	53/70	53/70	53/70	53/70	53/70	53/70
	S	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER						[illegible]	
CO_2 % STBD. BOILER						[illegible]	
OIL LEVEL MAIN SUMP		1'2"	1'2"	1'2"	1'2"	12"	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	675	7	118	110		62	500	500	235
	2	1200	435	675	9	121	112		62	550	550	235
1600 TO 2000	1	1200	440	695	9	115	105		62	500	500	235
	2	1200	440	695	7	124	108		62	500	500	235
2000 TO 2400	1	1200	440	670	9	120	110		62	550	550	235
	2	1200	440	670	7	128	116		62	550	550	235
2400 TO 0400	1	1200	440	690	9	119	109		62	650	600	235
	2	1200	440	690	7	125	114		62	650	650	235
0400 TO 0800	1	1200	440	695	9	120	110		61	650	600	235
	2	1200	440	695	7	128	116		63	700	700	235
0800 TO 1200	1	1200	440	690	9	120	110		62	1300	1300	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11159710
	METER PREVIOUS NOON	11144100
	CONSUMED BY METER	15610
	ON HAND AT START OF DAY	13,719
	RECEIVED DURING DAY	-0-
	EXPENDED DURING DAY	13 026
	REMAINING ON BOARD	693
DOMESTIC WATER	ON HAND AT START OF DAY	970
	EVAPORATED OR RECEIVED	124
	ON HAND	1050
	CONSUMED	44
BOILER WATER	ON HAND AT START OF DAY	244
	EVAPORATED OR RECEIVED	55
	ON HAND	279
	CONSUMED	20
LUBE OIL	ON HAND AT START OF DAY	2330
	RECEIVED	-0-
	ON HAND	2320
	CONSUMED	10
DIESEL OIL	ON HAND	1285
	RECEIVED	1283
	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	1260	PROPELLER SLIP (%)	POS. 9.26
DETENTION TIME	-0-	BBL FUEL/MI	1.45 1.60
TOTAL REVOLUTIONS	118,865	WIND DIRECTION	085°
AVERAGE R.P.M.	95.8	STATE OF SEA	Rough
TOTAL MILES BY ENGINE	443	STATE OF WEATHER	64°
TOTAL MILES BY OBSERVATION	402		

REMARKS

1200-1600 WATCH

AT ANchor Port of SASebo JAPAN. TIME check FROM BRidge @1208 Wheel Clearenced. Permission to test MAIN UNit @1232. Tested steering GEAR @1300 Tested telegRAph @1301 Disengaged JACking GEAR. @1301. OPEN M.S. + B.S. @1303 started RolLING MAIN UNit by STM @1305. Set special detail @1350. Stby @1356 CTR-23642250 FOM #1-3875520 #2-7269300. Dept @1500 + 18 NOZZ CTR 23644290. FOM #1-3875760. #2-7269610. Bells AS PER BELL Book. Shifted MAIN SCR Suct L.O. FULL 18 NOZZ @1530 BRidge Notified. pumped BiLges. MAde Routine Rounds ON MACH + ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

underway on 18 Nozz. 1550 to 1626 blew tubes on #1+2 boilers. Shifted + Cleaned F.O. disch. strainer to #1+2 boilers, 1813 Sun Set. W.T. Doors Closed B/B. Checked all operating mach. + Eng. spaces. Pumped bilges + Cargo holds.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH

Underway Steaming 18 Nozz, Cleaned + Changed top burners, Shift + Clean F.O. Disch strainers P+S, Shift + Clean L.O. Strainer #1+2 Generator.
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. INSpected + CLEANED MAIN L.O. disch STRAINERS. Pumped up PORT SETTLERS FROM #4 & D.T. PUMPed BiLges. Checked Steering E.R. GEAR. MAde Routine Rounds ON MACH + ENG'S SPACES.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

underway, as before. Changed bottom burner in #1+2 boilers. shifted F.O. Suct. + Disch. strainers to #1+2 boilers. shifted Main L.O. disch. Strainer. 0630 Sun rise. W.T. Doors opened B/B. Checked operating mach. and Eng. spaces. Added 2 Gal oil Ea. to #1+2 feed Pumps

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH

Underway Steaming 18 Nozz, 0800 to 0840 Blew tubes #1+2 Boilers shift + Clean F.O. disch strainers P+S, cleaned top Burners, Clean + Shift L.O. Strainers #1+2 Generators. @ 0910 Shift Elect load to #1 Generator. Secured #2 Generator. @ 0945 @ 0955 STBY @ 1000 HH
Made Rounds + Insp of mach + Eng spaces.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER TESTS

STBD.	PORT.
HRS. 419	HRS. 1990
AKL-876	AKL. 993
T-AK-1168	T-AK. 1402
CL-331	CL-331
PH-10	PH-10
PHos. 50	PHos. 46

CHIEF ENGR'S SIGNATURE- Pratt

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-114	7-H	Sasebo Japan	NSC Oakland Calif	P2-S2-R2	5-6-1966-67

	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)	2378 6610	2381 9340	2383 5820	2385 9210	2389 2900	2390 5870
TOTAL REVOLUTIONS (FOR WATCH)	23440	23530	23480	23590	23870	23390
AVERAGE RPM	97.7	98.0	97.8	97.5	97.0	97.4
F.O. METER (END OF WATCH)	1116 2500	1116 5190	1116 7780	1117 0420	[illegible]	1117 5650
F.O. CONSUMED	2790	2690	2880	2650	[illegible]	2600 5050

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	440	435
	H.P. AHEAD	440	440	440	440	440	430
	L.P. AHEAD	27	25	24	24	24	23
	VACUUM	28.7	28.5	28.7	28.7	[illegible]	28.5
	L.O. TO TURBINES	12	12	12	12	[illegible]	12
	AUX. STEAM	150	150	150	150	[illegible]	145
	BACK PRESSURE	9	9	9	9	[illegible]	8.5
	GLAND STEAM	1.5	.5	.5	.5	.5	.5
	H.P. BLEEDER	62	62	64	62	62	62
	I.P. BLEEDER	6	6	6	6	6	5.5
	L.P. BLEEDER	6"	8"	12"		5"	12"
TEMPERATURES	STEAM AT THROTTLE	675	700	695	685	640	690
	L. P. EXHAUST	100	97	97	98	[illegible]	98
	CONDENSATE	94	91	92	90	[illegible]	93
	CIRC. WATER IN	69	68	66	66	65	67
	CIRC. WATER OUT	22	78	76	76	[illegible]	78
	L.O. TO COOLERS	128	127	126	126	125	126
	L.O. FROM COOLERS	108	108	108	108	105	108
	TEMPERATURE THRUST BEARING	118	118	117	118	115	117
	FORWARD H.P. ROTOR BEARING	120	123	122	122	123	123
	AFT. H.P. ROTOR BEARING	135	135	135	135	135	135
	FORWARD L.P. ROTOR BEARING	130	133	130	129	[illegible]	130
	AFT. L.P. ROTOR BEARING	127	128	128	126	130	128

MACH. PARTICULARS (CONT'D)

		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES (CONT'D)	HOTTEST GEAR BEARING FORWARD	152	153	153	152	[illegible]	153
	HOTTEST GEAR BEARING AFT	143	145	145	145	[illegible]	145
	AUX. COND. CONDENSATE	95		103	104		104
	1ST STAGE FEED WATER HEATER	160	158	158	156	[illegible]	158
	O. C. FEED WATER HEATER	240	238	238	240	[illegible]	236
	3RD STAGE FEED WATER HEATER	[illegible]		—	—		

BOILER PARTICULARS

			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES	SUPER HEAT	P	650	650	660	650	660	660
		S	660	680	670	655	670	680
	F.O. TO BURNERS		160/160	160/160	160/160	160/160	160/160	160/160
	PRESSURE AIR TO FURNACE	P	5.2	6.4	5.5	5.5	5.0	5.5
		S	5.0	5.8	5.0	5.2	[illegible]	5.0
	F.O. TEMP. IN SETTLING TANKS	P	85	90	90	90	95	95
		S	25	90	90	80	90	90
	PORT BOILER UPTAKE		325	325	325	325	330	320
	STBD. BOILER UPTAKE		315	315	315	320	325	315
PRESSURES	F. O. BACK PRESSURE		14/14	13/11	8/5	10/10	13	6/5
	MAIN STEAM		446	440	440	440	440	
	F.O. TO BURNERS		180/160	175/170	170/160	170/165	[illegible]	180/160

MISCELLANEOUS

		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MAIN COND. SALINITY		[illegible]	.41	.41	.41	[illegible]	.41
ENGINE ROOM TEMPERATURE		82	79	80	80	[illegible]	80
FIRE ROOM TEMPERATURE		82	79	80	80	[illegible]	80
NOZZLES IN USE		18	18	18	18	[illegible]	18
NO. OF BURNERS IN USE	P	3	3	3	3	3	3
	S	3	3	3	3	3	3
BURNER TIP SIZE	P	53/70	53/70	53/70	53/70	[illegible]	53/70
	S	53/70	53/70	53/70	53/70	[illegible]	53/70
CO_2 % PORT BOILER						[illegible]	
CO_2 % STBD. BOILER						[illegible]	
OIL LEVEL MAIN SUMP		1'2"	1'2"	1'2"	1'2"	[illegible]	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	615	9	120	108		62	1300	1200	235
1600 TO 2000	1	1200	440	700	9	120	110		61	1250	1200	235
2000 TO 2400	1	1200	440	695	9	120	110		62	1200	1250	240
2400 TO 0400	1	1200	440	685	9	120	110		62	1200	1200	235
0400 TO 0800	1	[illegible]	[illegible]	[illegible]	9	120	110		61	1300	1200	235
0800 TO 1200	1	1200	435	690	9	120	110		62	1250	1300	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11175650
	METER PREVIOUS NOON	11159710
	CONSUMED BY METER	15940
	ON HAND AT START OF DAY	13,026
	RECEIVED DURING DAY	—0—
	EXPENDED DURING DAY	734
	REMAINING ON BOARD	12,292
DOMESTIC WATER	ON HAND AT START OF DAY	1050
	EVAPORATED OR RECEIVED	113
	ON HAND	1117
	CONSUMED	46
BOILER WATER	ON HAND AT START OF DAY	279
	EVAPORATED OR RECEIVED	52
	ON HAND	310
	CONSUMED	21
LUBE OIL	ON HAND AT START OF DAY	2320
	RECEIVED	—0—
	ON HAND	2310
	CONSUMED	10
DIESEL OIL	ON HAND	1283
	RECEIVED	1280
	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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4	3½	4	4

SUMMARY

RUNNING TIME	1440	PROPELLER SLIP (%)	Pos. 13.4
DETENTION TIME	—0—	BBL FUEL/MI	1.42 1.64
TOTAL REVOLUTIONS	138,175	WIND DIRECTION	200°
AVERAGE R.P.M.	95.9	STATE OF SEA	Rough
TOTAL MILES BY ENGINE	515	STATE OF WEATHER	64°
TOTAL MILES BY OBSERVATION	446		

REMARKS

1200-1600 WATCH
Underway on 18 Nov 22 Mach Inoperation #1&2 Boilers 1&2 F.D. Blowers 1&2 F.O.S. pumps 1&2 Main F.W. pumps. Main & Aux Air Ejectors Main & Aux Circ pumps Main & Aux Cond pumps Lo purifier L.O.S pump #1 Aux Generator Main Air Compressor F.R.C & Sun pump. Shift Steering Gear. Tested overspeed trip Low Lo alarms on Main Turb. N & Thrust. Pumped up Port Settlers from #4 & D.T. Changed & Cleaned Center F.O. burners P/S disch strainers. Pumped Bilges. Checked Steering E.R. Gear. Made Routine Rounds on Mach & Engs Spaces.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH
underway as before. [illegible] blew tubes on #1 & 2 boilers. Changed bottom burner in #1 & 2 boilers, shifted & cleaned F.O. disch strainer to #1 & 2 boilers. Pumped bilges & Cargo holds. Checked all spaces in Engine room & Mach Spaces. 1700 Eng set W.T. doors. Checked [illegible]

WATCH ENGR'S SIGNATURE- [illegible]

2000-2400 WATCH
Underway Steaming 18 Knots, Cleaned & Changed top Burners #1 & 2 Boilers, @ 2010 put #1 Fresh water pump on line, Clean & Shift F.O. disch strainers P&S Clean & Shift L.O. Strainer #1 Generator, added 2 gal L.O. to #1 Fuel pump, added 1 gal L.O. to #2 Fuel pump, Made Rounds & Insp of Mach & Eng spaces

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH
Underway on 18 Nov 22 Mach as Before. Changed & Cleaned Center F.O. burners P/S disch strainers. Secured L.O. purifier @ [illegible] Cleaned & back in service @ [illegible]. Daily test of stby L.O. pump for 1-hr. Pumped up Port Settlers from #4 & D.T. Inspected & Cleaned Main L.O. disch strainer. Held Engs Casualty drill B-13 Brick or Plastic falling out of Furnace wall. Watch Inst. & Bridge Notified 0100-0130. Checked Steering E.R. Gear. Pumped Bilges. Added 2 Gals L.O. to #1&2 Main Fuel pumps. Made Routine Rounds on Mach & Engs Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH
Underway as before. Changed bottom burner in #1 & 2 boilers. Shifted & cleaned F.O. suct & disch strainers to #1 & 2 boilers. Shifted main L.O. disch strainer. 0500 to 0530 held fire room Casualty drill B-13 Brick or Plastic falling out of furnace wall, inst. watch & notified Bridge. 0555 [illegible] W.T. doors open B/B. Added 10 gal oil to #1 Fuel pump.

WATCH ENGR'S SIGNATURE- [illegible]

0800-1200 WATCH
Underway Steaming 18 Knots, Cleaned & Changed top Burners #1 & 2 Boilers Blew tubes 0800 to 0840 #1 & 2 Boilers, 0930 to 1000 Held Eng Casualty Drill B-13 - Bridge Notified 4 men present. Shift & Clean L.O. strainers #1 Generator, added packing to #1 Bilge pump. Made Rounds & Insp of mach & Eng spaces. @ 1130 shift F.O. Settler to Inboard Suct

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER TESTS

STBD.	PORT
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope Thirty	7-H	Sasebo Japan	NSC Oakland Calif	P2 S2 K2	6-7 Mar 67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	290	240	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	2392 1150	2395 2480	2397 3820	2399 5170	2401 6920	2404 6310
TOTAL REVOLUTIONS (FOR WATCH)	23260	23330	21340	21650	24450	23340
AVERAGE RPM	97.0	97.2	97.0	98.4	97.4	97.4
F.O. METER (END OF WATCH)	1117 6350	1118 0970	1118 3370	1118 5930	1118 8390	1119 1070
F.O. CONSUMED	2680	2640	2400	2560	2460	2680
MACHINERY PARTICULARS — PRESSURES — THROTTLE	435	440	430	440	440	440
H.P. AHEAD	435	440	430	440	440	435
L.P. AHEAD	25	23	27	25	26	26
VACUUM	28.6	28.5	28.5	28.6	28.6	28.5
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	150	150	150	150	150	155
BACK PRESSURE	9	9	8	9	9	9
GLAND STEAM	.5	.5	.5	1.0	1.0	1.0
H.P. BLEEDER	62	62	66	64	62	64
I.P. BLEEDER	6	6	5	6	6	6
L.P. BLEEDER	8"	10	10"	8"	8"	11"
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	685	695	695	690	695	695
L. P. EXHAUST	98	96	97	100	98	100
CONDENSATE	90	89	92	92	90	94
CIRC. WATER IN	69	66	66	65	66	68
CIRC. WATER OUT	78	76	76	76	76	78
L.O. TO COOLERS	126	127	126	125	127	126
L.O. FROM COOLERS	108	108	108	108	108	108
TEMPERATURE THRUST BEARING	118	118	117	118	118	117
FORWARD H.P. ROTOR BEARING	122	123	123	123	123	122
AFT. H.P. ROTOR BEARING	135	135	135	136	135	135
FORWARD L.P. ROTOR BEARING	132	133	131	130	133	130
AFT. L.P. ROTOR BEARING	126	128	128	126	125	127

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD		150	153	153	152	153	152
HOTTEST GEAR BEARING AFT		145	145	144	145	145	143
AUX. COND. CONDENSATE		106		103	106		104
1ST STAGE FEED WATER HEATER		154	156	154	156	156	156
D. C. FEED WATER HEATER		246	238	238	238	246	238
3RD STAGE FEED WATER HEATER	H.P.	[illegible]					
	L.P.	160					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT	P	650	650	660	655	650	670
	S	660	690	680	660	680	680
F.O. TO BURNERS		160/160	160/160	160/160	160/160	160/160	165/160
PRESSURE AIR TO FURNACE	P	5.2	6.0	6.0	6.0	6.0	5.5
	S	5.6	6.4	7.0	5.6	6.4	5.0
F.O. TEMP. IN SETTLING TANKS	P	90	90	85	85	90	85
	S	90	90	90	85	90	90
PORT BOILER UPTAKE		325	330	330	325	335	325
STBD. BOILER UPTAKE		325	325	325	325	330	320
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE		12/12	11/10	7/5	10/10	13/12	10/8
MAIN STEAM		435	440	440	440	440	440
F.O. TO BURNERS		175/175	175/175	170/160	185/170	185/175	175/170
MISCELLANEOUS — MAIN COND. SALINITY		.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE		77	78	78	78	78	78
FIRE ROOM TEMPERATURE		79	78	78	78	78	78
NOZZLES IN USE		18	18	18	18	18	18
NO. OF BURNERS IN USE	P	3	3	3	3	3	3
	S	3	3	3	3	3	3
BURNER TIP SIZE	P	53/70	53/70	53/70	53/70	53/70	53/70
	S	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER						15%	
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	435	685	9	120	110		62	1250	1250	235
1600 TO 2000	1	1200	440	695	9	120	110		61	1300	1250	235
2000 TO 2400	1	1200	440	695	9	120	110		62	1300	1250	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
0800 TO 1200	1	1200	440	695	9	120	110		62	1200	1300	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1119070	BOILER WATER	ON HAND AT START OF DAY 310
	METER PREVIOUS NOON	1117 5650		EVAPORATED OR RECEIVED 36
	CONSUMED BY METER	15420		ON HAND 320
	ON HAND AT START OF DAY	12,292		CONSUMED 26
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY 2310
	EXPENDED DURING DAY	664		RECEIVED -0-
	REMAINING ON BOARD	11,628		ON HAND 2300
DOMESTIC WATER	ON HAND AT START OF DAY	1117		CONSUMED 10
	EVAPORATED OR RECEIVED	36	DIESEL OIL	ON HAND 1280
	ON HAND	1056		RECEIVED 1275
	CONSUMED	97		CONSUMED 5

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

4 4 300

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	4	

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%)	POS. 12.98
DETENTION TIME	-0-	BBL FUEL MI	1.34 1.55
TOTAL REVOLUTIONS P+S	132235	WIND DIRECTION	180°
AVERAGE R.P.M.	95.8	STATE OF SEA	Mod to Rough
TOTAL MILES BY ENGINE	493	STATE OF WEATHER	64°
TOTAL MILES BY OBSERVATION	429		

REMARKS

1200-1600 WATCH

Underway on 18 Nozz Mach Inoperation 1+2 Boilers 1+2 Fdr. Blowers 1+2 Fdr. Pumps. 1+2 Main F.O. Pumps. Main+Aux A.R. & Gator. Main+Aux C.R.C. Pumps. Main+Aux Cond. Main Air Compressor. #1 Aux Generator. L.O. purifier. L.O. pump. Fire+SHN Pump. Elect. Fdr. pump. Stbd Steering Gear. Daily test of Ahead Throttle. Pumped Bilges. Checked Steering E.R. Gear. Changed-Cleaned Center F.O. burners + % disch Strainers. Pumped up port settlers from #3 P/S D.B. Tks. Added 2 Gals L.O. to 1+2 Main Feed Pumps. Made Routine Rounds on Mach + Eng. Spaces.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Underway. Steaming as before. 1556 to 1615 blew tubes on #1 + 2 boilers. 1615 sun set. W.T. doors closed by bridge. Changed bottom burner in #1 + 2 boilers. Shifted + Cleaned F.O. disch. strainer to #1 + 2 boilers. opened air value to bilge Pump Cleaned + freed up, replaced + Pumped bilges + Cargo holds. Checked all operating mach. + Eng. spaces.

WATCH ENGR'S SIGNATURE- HM Jones

2000-2400 WATCH

Underway Steaming 18 Nozz, Cleaned + Changed top burners P+S. Shift + Clean F.O. Disch Strainers P+S., Shift + Clean L.O. Strainer on #1 Gen. @ 2230 Secured #1+2 Evaporators. ~~@ 2300 advanced ships Clocks 20 Minutes~~ Made rounds and 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 + % disch Strainers. Advanced Clocks 20 Mins @ 0100. Inspected + Cleaned Main L.O. disch Strainers. Daily test of Stby L.O. pump for 1-hr. Pumped up Port Settlers from #3 P/S D.B. Tks. Checked Steering E.R. Gear. Pumped Bilges. Made Routine Rounds on Mach + Eng. Spaces. Added 2 Gals L.O. to 1+2 Main Feed Pump.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before on 18 Nozzles. 0452 advanced Clocks (20 min). Changed bottom burner in #1 + 2 boilers. Shifted + Cleaned F.O. Sect. + disch. strainers to #1 + 2 boilers. Opened + Cleaned air value to #2 Cargo hold. Sun rise @ 0621. W.T. doors opened B/B.

WATCH ENGR'S SIGNATURE- HM Jones

0800-1200 WATCH

Underway Steaming 18 Nozz, 0800 to 0830 blew tubes #1+2 Boilers, Cleaned + Changed top burners #1+2 Boilers, Shift + Clean F.O. Disch strainers P+S. @ 1000 Combined plant, Secured Aux Circ, Aux Cond pump, Aux air Ejector Exh + Drains to Main Cond. Test WT Doors from Bridge, Made Rounds + Insp of Mach + Eng. spaces @ 1030 Shift to Inboard Settler.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOTTOM WATER READINGS

STBD	PORT
HOURS 469	HOURS 2038
AKL 876	AKL 876
T-AKL 1343	T-AKL 1343
SAL. 414	SAL. 414
PHOS. 40	PHOS. 40
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- Everett C. Vinson

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Geo. John Pattee [illegible]	7-H	Sasebo Japan	NSC Oakland Calif	P2 S2-R2	7-8-Mar 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)	2400 3490	2408 6820	2411 0060	2413 3150	2415 6270	2417 9410
TOTAL REVOLUTIONS (FOR WATCH)	23120	23330	23240	23090	23120	23140
AVERAGE RPM	96.6	97.2	96.8	96.2	96.3	96.4
F.O. METER (END OF WATCH)	1119 3780	1119 6450	1119 9070	1120 1770	1120 4460	1120 7140
F.O. CONSUMED	2710	2670	2620	2700	2690	2680
MACHINERY PARTICULARS — PRESSURES — THROTTLE	435	440	440	435	440	440
H.P. AHEAD	435	440	440	435	440	440
L.P. AHEAD	27	27	27	27	27	27
VACUUM	28.6	28.7	28.5	28.7	28.7	28.5
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	1.0	1.0	1.0	1.0	1.0	1.0
H.P. BLEEDER	64	62	60	62	64	64
I.P. BLEEDER	6	6	6	6	6	6
L.P. BLEEDER	8	8	8	8	8	8
TEMPERATURES — STEAM AT THROTTLE	690	685	680	690	680	680
L. P. EXHAUST	100	100	101	99	100	102
CONDENSATE	95	94	95	92	94	95
CIRC. WATER IN	67	68	70	67	70	69
CIRC. WATER OUT	80	78	80	78	80	79
L.O. TO COOLERS	126	127	127	126	127	126
L.O. FROM COOLERS	108	108	108	108	108	106
TEMPERATURE THRUST BEARING	117	118	117	117	118	117
FORWARD H.P. ROTOR BEARING	120	123	122	120	123	121
AFT. H.P. ROTOR BEARING	136	135	135	135	135	134
FORWARD L.P. ROTOR BEARING	132	133	131	130	133	130
AFT. L.P. ROTOR BEARING	127	128	128	126	126	127

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD	156	153	152	150	151	150
HOTTEST GEAR BEARING AFT	144	145	144	144	145	143
AUX. COND. CONDENSATE	102		103	102		104
1ST STAGE FEED WATER HEATER	156	156	158	156	158	158
D. C. FEED WATER HEATER	238	238	238	240	238	238
3RD STAGE FEED WATER HEATER (Reset)	150 160					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P	670	660	640	650	640	650
SUPER HEAT S	690	670	670	690	670	670
F.O. TO BURNERS	160/160	160/160	160/160	160/160	160/160	160/160
AIR TO FURNACE P	5.6	6.0	5.5	6.0	5.8	5.0
AIR TO FURNACE S	5.2	6.0	5.5	6.0	5.4	5.0
F.O. TEMP. IN SETTLING TANKS P	90	90	90	100	90	85
F.O. TEMP. IN SETTLING TANKS S	90	90	90	80	90	90
PORT BOILER UPTAKE	325	325	325	350	330	325
STBD. BOILER UPTAKE	325	320	325	330	330	320
PRESSURES — F. O. BACK PRESSURE	15/14	14/12	8/5	10/10	12/11	12/12
MAIN STEAM	435	440	440	435	440	440
F.O. TO BURNERS	175/170	175/170	175/170	170/170	175/175	190/190
MISCELLANEOUS — MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	79	78	78	78	78	79
FIRE ROOM TEMPERATURE	79	78	78	78	78	79
NOZZLES IN USE	18	18	18	18	18	18
NO. OF BURNERS IN USE P	3	3	3	3	3	3
NO. OF BURNERS IN USE S	3	3	3	3	3	3
BURNER TIP SIZE P	53/70	53/70	53/70	53/70	53/70	53/70
BURNER TIP SIZE S	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER					15%	
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	435	690	9	120	110		62	1350	1300	235
1600 TO 2000	1	1200	440	685	9	120	110		62	1350	1300	235
2000 TO 2400	1	1200	440	680	9	120	110		62	1250	1200	240
2400 TO 0400	1	1200	435	690	9	120	110		62	1150	1150	235
0400 TO 0800	1	1200	440	680	9	120	110		61	1250	1200	235
0800 TO 1200	1	1200	440	680	9	120	110		62	1250	1250	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11207140	BOILER WATER — ON HAND AT START OF DAY	320
	METER PREVIOUS NOON	11191070	BOILER WATER — EVAPORATED OR RECEIVED	-0-
	CONSUMED BY METER	16070	BOILER WATER — ON HAND	300
	ON HAND AT START OF DAY	11,628	BOILER WATER — CONSUMED	20
	RECEIVED DURING DAY	-0-	LUBE OIL — ON HAND AT START OF DAY	2300
	EXPENDED DURING DAY	728	LUBE OIL — RECEIVED	-0-
	REMAINING ON BOARD	10,900	LUBE OIL — ON HAND	2290
DOMESTIC WATER	ON HAND AT START OF DAY	1056	LUBE OIL — CONSUMED	10
	EVAPORATED OR RECEIVED	-0-	DIESEL OIL — ON HAND	1275
	ON HAND	1013	DIESEL OIL — RECEIVED	1273
	CONSUMED	43	DIESEL OIL — CONSUMED	2

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

500

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	PROPELLER SLIP (%)	Pos. 18.2
DETENTION TIME	-0-	BBL FUEL/MI	1.42 1.74
TOTAL REVOLUTIONS	Avg. 137,035	WIND DIRECTION	150°
AVERAGE R.P.M.	95.2	STATE OF SEA	8'
TOTAL MILES BY ENGINE	511	STATE OF WEATHER	64°
TOTAL MILES BY OBSERVATION	418		

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 Main F.W. Pumps. Main air Ejector. Mn.C.R.C. pump 2 Mn Cond pump L.O. purifier. L.O.S. pump Elect. Fan pump. Firesan pump #1 Aux Generator. Aux R.R. Ejector Aux Circ + Cond. Pumps. Cycle to Main Stbd Steering Gear. Daily test of Main Throttle. Fire drill @ 1300. Sec 1314. Bomb drill @ 1314. Sec @ 1321 Stby @ 1300 ~~#1~~ @ 1321. Tested Relief valve on Fire Pump Popped 125# PSI. Pumped up Port Settlers From #3 & N.B.T.K. Checked Steering E.R. Gear. Pumped Bilges. Added 2 Gals L.O. to #1+2 Main Feed Pumps. Made Routine Rounds on Mach + Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before, 1556 to 1615 blew tubes on #1+2 boilers. Sun set @ 1744 W.T. doors Closed B/B. Changed bottom burner in #1+2 boilers. Shifted F.O. disch. strainer to #1+2 boilers. Pulled air Valve to #2 Port Cargo hold, new gasket required for plunger. Checked all operating mach. + Eng. spaces. Added (1) gal oil to Ea. #1+2 feed Pumps.

WATCH ENGR'S SIGNATURE- H M Jones.

2000-2400 WATCH

Underway Steaming 18 Nozz, Cleaned + Changed top burners #1+2 Boilers Shift & Clean F.O. disch strainers P+S, Shift + Clean L.O. Strainer #1 Generator. Pumped Eng room + Evap flat Bilges 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. Daily test of Stby L.O. pump 1-hr. Inspected + Cleaned Main L.O. disch strainer. Pumped up Port Settlers From #2 P/S N.B.T.K.S. Pumped Engs Room bilge. Checked Steering E.R. Gear. Added 2 Gals L.O. to #1+2 Main Feed Pumps. Made Routine Rounds on Mach + Engs Spaces. Complied with Comsts 4700.7

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Underway as before. Changed bottom burner in #1+2 boilers shifted Sect + disch. strainers to #1+2 boilers. shifted main L.O. disch. strainer. sun rise @ 0545. Checked all operating mach. and Eng. spaces. Pumped bilges. added (1) gal to #1 and (1) gal oil to #2 feed Pumps.

Routine watch, Conditions, normal

WATCH ENGR'S SIGNATURE- H M Jones.

0800-1200 WATCH

Underway Steaming 18 Nozz, 0800 to 0830 blew tubes #1+2 Boilers, Cleaned + Changed Top burners #1+2 Boilers, Shift + Clean F.O. disch Strainer P+S, Shift + Clean L.O. Strainer #1 turbo Generator. @ 0900 Shift to Inboard Settler, added 2 gal L.O. to #1 Feed pump, added 1 gal L.O. to #2 Feed pump

WATCH ENGR'S SIGNATURE- R Summers.

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS 491	HOURS 2062
AKL 876	AKL 876
T-AKL 1295	T-AKL 1343
SAL. 414	SAL. 456
PHOS. 35	PHOS. 35
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- Truitt Chisum

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John R. Pope TAP-110	7-H	Sasebo Japan	NSC Oakland Calif	P2-S2-R2	8-9-Mar 61

	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)	2426 2580	2444 6640	2424 6780	2426 7930	2448 8980	2431 2050
TOTAL REVOLUTIONS (FOR WATCH)	23170	23060	21340	21150	21050	23070
AVERAGE RPM	96.5	96.1	97.0	96.1	95.7	96.1
F.O. METER (END OF WATCH)	1120 7880	1121 2580	1121 5110	1121 7570	1122 0040	1122 2630
F.O. CONSUMED	2740	2700	2530	2460	2470	2590
MACHINERY PARTICULARS — PRESSURES — THROTTLE	440	440	440	440	440	440
H.P. AHEAD	440	440	440	440	440	440
L.P. AHEAD	27	27	27	25	23	22
VACUUM	28.8	28.7	28.5	28.7	28.8	28.8
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	.5
H.P. BLEEDER	62	62	62	62	60	62
I.P. BLEEDER	6	6	6	6	6	6
L.P. BLEEDER	8	8	9	8	10	11
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	695	685	690	680	685	690
L. P. EXHAUST	100	100	98	100	93	95
CONDENSATE	94	92	94	92	84	87
CIRC. WATER IN	66	68	67	65	61	62
CIRC. WATER OUT	78	78	77	78	72	72
L.O. TO COOLERS	128	128	126	126	128	129
L.O. FROM COOLERS	110	110	110	110	110	110
TEMPERATURE THRUST BEARING	119	120	117	118	120	119
FORWARD H.P. ROTOR BEARING	125	123	122	123	123	123
AFT. H.P. ROTOR BEARING	136	135	135	136	135	136
FORWARD L.P. ROTOR BEARING	134	133	131	132	133	133
AFT. L.P. ROTOR BEARING	128	128	128	128	128	128

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD	152	153	153	153	155	156
HOTTEST GEAR BEARING AFT	146	145	145	145	145	146
AUX. COND. CONDENSATE	103		105	104		90
1ST STAGE FEED WATER HEATER	155	152	154	154	148	154
D. C. FEED WATER HEATER	236	230	238	240	238	238
3RD STAGE FEED WATER HEATER	Defer [illegible]	—	—	—		
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P	630	650	655	650	640	650
SUPER HEAT S	660	650	655	660	670	680
F.O. TO BURNERS	160/160	160/160	160/160	160/160	165/165	162/168
PRESSURE AIR TO FURNACE P	5.2	5.8	5.5	5.2	5.4	6.0
AIR TO FURNACE S	5.2	6.0	5.5	5.2	6.0	5.5
F.O. TEMP. IN SETTLING TANKS P	85	90	85	90	100	95
F.O. TEMP. IN SETTLING TANKS S	90	90	90	90	100	100
PORT BOILER UPTAKE	330	330	335	335	335	330
STBD. BOILER UPTAKE	330	320	330	330	335	320
PRESSURES — F. D. BACK PRESSURE	12/12	12/12	12/12	12/12	12/10	10/10
MAIN STEAM	440	440	440	440	440	440
F.O. TO BURNERS	185/185	195/200	195/195	200/200	180/200	200/200
MISCELLANEOUS — MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	78	77	77	77	73	73
FIRE ROOM TEMPERATURE	72	77	77	77	73	73
NOZZLES IN USE	18	18	18	18	18	18
NO. OF BURNERS IN USE P	3	3	3	3	3	3
NO. OF BURNERS IN USE S	3	3	3	3	3	3
BURNER TIP SIZE P	53/70	53/70	53/70	53/70	53/70	53/70
BURNER TIP SIZE S	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER					15%	
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	675	9	120	110		62	1300	1250	235
1600 TO 2000	1	1200	440	685	9	120	110		62	1300	1250	235
2000 TO 2400	1	1200	440	690	9	120	110		62	1300	1250	235
2400 TO 0400	1	1200	440	680	9	120	110		62	1250	1200	235
0400 TO 0800	1	1200	440	685	9	120	110		61	1300	1250	235
0800 TO 1200	1	1200	440	690	9	120	110		62	1200	1300	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1122630
	METER PREVIOUS NOON	1120714 0
	CONSUMED BY METER	15490
	ON HAND AT START OF DAY	10,900
	RECEIVED DURING DAY	-0-
	EXPENDED DURING DAY	705
	REMAINING ON BOARD	10,195
DOMESTIC WATER	ON HAND AT START OF DAY	1013
	EVAPORATED OR RECEIVED	45
	ON HAND	956
	CONSUMED	102
BOILER WATER	ON HAND AT START OF DAY	300
	EVAPORATED OR RECEIVED	20
	ON HAND	286
	CONSUMED	34
LUBE OIL	ON HAND AT START OF DAY	2290
	RECEIVED	-0-
	ON HAND	2280
	CONSUMED	10
DIESEL OIL	ON HAND	1273
	RECEIVED	1270
	CONSUMED	3

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

Sec. 3½

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		4

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%)	Pos. 12.8
DETENTION TIME	-0-	BBL FUEL MI	1.44 1.63
TOTAL REVOLUTIONS	131,225	WIND DIRECTION	150°
AVERAGE R.P.M.	95.1	STATE OF SEA	5'
TOTAL MILES BY ENGINE	489	STATE OF WEATHER	56°
TOTAL MILES BY OBSERVATION	426		

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. Main Air Compressor. Main Air Ejector. Min. Circ. pump. #2 Main Cond pump. L.O. Purifier. L.O.S. pump. #1 Aux Generator. Aux Air Ejector Circ & Cond. pumps. Over to Main. Fire & San Pump. Elect Fan. pump. Stbd Steering Gear. Daily test of Ahead Thrust. Pumped up Port Settlers From #2 P/S DB Pumped F.R. bilges. Checked Steering F.R. Gear. Changed & Cleaned Center F.O. burners & P/S disch strainers. added 2 Gals L.O. to #1&2 Main Feed pumps. Complied with Comsts 4700.7 Made Routine Rounds on Mach & Engs Spaces.

WATCH ENGR'S SIGNATURE- George Barney

1600-2000 WATCH

Steaming as before. 1550 to 1615 blew tubes on #1 & 2 boilers. #2 Fuel Pump Gear Casing running hot. 1st asst Engr. Notified of same. 1713 Sun Set. W.T. door closed B/B. Shifted and Cleaned P/S F.O. strainer. Checked all operating mach. & Eng. spaces.

WATCH ENGR'S SIGNATURE- J M Jones

2000-2400 WATCH

Underway Steaming 18 Nozz, Cleaned & Changed top burners # 1&2 Boiler Made Rounds & Insp of Mach & Eng spaces, added 2 gal oil to #2 Fuel pump, added 2 gal L.O. to #1 Fuel pump, Complied with Comsts 4700.7
Advanced Ships Clock 20 Minutes @ 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. Daily test of Stbd L.O. pump. Inspected & Cleaned Main L.O. disch strainers. Advanced Clocks 20 Mins @ 0100. Held Engs Casualty drill B-14 Boiler Tube or other Pressure Part Carries Away. Watch inst & Bridge Notified. Lit off Evaps @ 0200. Pumped Bilges. Checked Steering F.R. Gear. Added 2 Gals L.O. to 1&2 Main Feed Pumps. Pumped up Port Settlers From #2 P/S & 5 P/S. Complied with Comsts 4700.7 Made Routine Rounds on Mach & Engs Spaces.

WATCH ENGR'S SIGNATURE- George Barney

0400-0800 WATCH

Steaming as before. Changed bottom burner in #1&2 boilers. 0500 to 0530 held fire room Casualty drill B-14 Boiler tube or other Pressure Part Carries away. Watch inst Bridge notified. Advanced Clocks (20 min) 0500 Shifted F.O. suct. & Disch. strainers to #1&2 boilers shifted main L.O. disch. strainer. @ 0617 Sun rise. W.T. D. opened B/B. Checked operating mach. & Eng. spaces.

WATCH ENGR'S SIGNATURE- J M Jones

0800-1200 WATCH

Underway Steaming 18 Nozz, Cleaned & Changed top burners # 1&2 Boilers 0800 to 0830 Blew tubes #1&2 Boilers, ~~0900 to 0930 Held Eng Casualty drill B-14. 4 Men present, bridge notified~~, 0840 to 1020 Sanitary System secured to Repair piping, Made Rounds & Insp of Mach & Eng spaces. Complied with Comsts. 4700-7

WATCH ENGR'S SIGNATURE- R Summers.

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS 515	HOURS 2086
AKL 759	AKL 876
T-AKL 1158	T-AKL 1402
SAL. 499	SAL. 499
PHOS. 35	PHOS. 35
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE (MP-11)	7-H	SASEBO JAPAN	MSC OAKLAND CALIF	P2-S2-R2	9-10-MAR-67

	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)	2435 5180	2435 5670	2438 0450	2440 1900	2442 3380	2444 6740
TOTAL REVOLUTIONS (FOR WATCH)	23130	23490	21786	21450	21480	23360
AVERAGE RPM	96.4	97.9	99.0	97.5	97.6	97.3
F.O. METER (END OF WATCH)	1122 5330	1122 8000	1123 0410	1123 2950	1123 5440	1123 8210
F.O. CONSUMED	2700	2670	2410	2540	2490	2770

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS – PRESSURES	THROTTLE	440	440	440	440	440	440
	H.P. AHEAD	440	440	440	440	440	440
	L.P. AHEAD	25	24	24	24	26	26
	VACUUM	28.7"	28.7	28.5	28.7	28.7	28.5
	L.O. TO TURBINES	12	12	12	12	12	12
	AUX. STEAM	150	150	150	150	150	150
	BACK PRESSURE	9	9	9	9	9	9
	GLAND STEAM	1.0	1.0	1.0	1.0	1.0	1.0
	H.P. BLEEDER	60	60	60	60	60	60
	I.P. BLEEDER	6	6	6	6	6	6
	L.P. BLEEDER	10"	8	8	10"	8"	8"
MACHINERY PARTICULARS – TEMPERATURES	STEAM AT THROTTLE	685	690	690	690	690	690
	L. P. EXHAUST	95	94	94	90	90	97
	CONDENSATE	84	84	86	82	86	90
	CIRC. WATER IN	60	60	58	57	62	62
	CIRC. WATER OUT	72	72	71	70	72	74
	L.O. TO COOLERS	128	129	130	128	128	129
	L.O. FROM COOLERS	110	110	110	110	110	110
	TEMPERATURE THRUST BEARING	120	120	119	119	120	119
	FORWARD H.P. ROTOR BEARING	124	125	124	123	125	124
	AFT. H.P. ROTOR BEARING	135	135	136	135	138	136
	FORWARD L.P. ROTOR BEARING	132	135	134	133	135	133
	AFT. L.P. ROTOR BEARING	128	128	128	127	128	129

			WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D)	HOTTEST GEAR BEARING FORWARD		156	155	157	156	158	157
	HOTTEST GEAR BEARING AFT		145	145	145	145	145	145
	AUX. COND. CONDENSATE		98		93	92		98
	1ST STAGE FEED WATER HEATER		153	154	150	150	148	156
	D. C. FEED WATER HEATER		240	238	238	240	238	238
	~~3RD STAGE FEED WATER HEATER~~	H.P.	[illegible]	–	–			
		L.P.	[illegible]					
BOILER PARTICULARS – TEMPERATURES	SUPER HEAT	P	650	660	650	650	650	640
		S	680	680	670	670	670	660
	F.O. TO BURNERS		165/165	165/165	160/160	165/165	165/165	165/165
	PRESSURE AIR TO FURNACE	P	5.6	6.0	5.5	5.5	5.6	5.5
		S	5.4	5.4	5.5	5.5	6.0	5.5
	F.O. TEMP. IN SETTLING TANKS	P	95	100	95	85	100	100
		S	95	100	100	90	100	100
	PORT BOILER UPTAKE		325	325	325	325	325	320
	STBD. BOILER UPTAKE		325	315	320	320	320	315
BOILER PARTICULARS – PRESSURES	F. O. BACK PRESSURE		10/10	12/11	12	13/13	14/12	12
	MAIN STEAM		440	440	440	440	440	440
	F.O. TO BURNERS		190/195	190/195	195/195	195/195	200/195	195/195
MISCELLANEOUS	MAIN COND. SALINITY		.41	.41	.41	.41	.41	.41
	ENGINE ROOM TEMPERATURE		72	70	70	70	71	74
	FIRE ROOM TEMPERATURE		72	70	70	70	71	70
	NOZZLES IN USE		18	18	18	18	18	18
	NO. OF BURNERS IN USE	P	3	3	3	3	3	3
		S	3	3	3	3	3	3
	BURNER TIP SIZE	P	53/70	53/70	53/70	53/70	53/70	53/70
		S	53/70	53/70	53/70	53/70	53/70	53/70
	CO_2 % PORT BOILER						15%	
	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	120	110		62	1350	1300	235
1600 TO 2000	1	1200	440	690	9	120	110		62	1100	1200	235
2000 TO 2400	1	1200	440	690	9	120	110		62	1100	1200	235
2400 TO 0400	1	1200	440	690	9	120	110		62	1250	1200	235
0400 TO 0800	1	1200	440	690	9	120	110		61	1150	1100	235
0800 TO 1200	1	1200	440	690	9	120	110		62	1100	1150	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1123821 0
	METER PREVIOUS NOON	1122630
	CONSUMED BY METER	1,570
	ON HAND AT START OF DAY	10,195
	RECEIVED DURING DAY	-0-
	EXPENDED DURING DAY	701
	REMAINING ON BOARD	9,494
DOMESTIC WATER	ON HAND AT START OF DAY	956
	EVAPORATED OR RECEIVED	76
	ON HAND	970
	CONSUMED	62

BOILER WATER	ON HAND AT START OF DAY	286
	EVAPORATED OR RECEIVED	15
	ON HAND	260
	CONSUMED	41
LUBE OIL	ON HAND AT START OF DAY	2280
	RECEIVED	-0-
	ON HAND	2270
	CONSUMED	10
DIESEL OIL	ON HAND	1270
	RECEIVED	1268
	CONSUMED	2

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

12

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%)	pos. 13.5
DETENTION TIME	-0-	BBL FUEL MI	1.41 1.63
TOTAL REVOLUTIONS ANS.	132,610	WIND DIRECTION	210°
AVERAGE R.P.M.	96.2	STATE OF SEA	3' swells
TOTAL MILES BY ENGINE	495	STATE OF WEATHER	56°
TOTAL MILES BY OBSERVATION	428		

REMARKS

1200-1600 WATCH

Underway on 18 Nov 22 Mach Inoperation 1+2 Boilers. 1+2 F.D. Blowers. 1+2 F.O. pumps 1+2 M.N. F.D. pumps. Main Air Ejector M.N. C.R.C. pump. M.N. Cond pump L.O. purifier. L.O. pump M.N. Air Compressor. 1 Aux Generator. Aux Air Ejector. C.R.C. & Cond pumps over to main F.R.C. San pump Stbd steering Gear. L.O. F.W. pump. Daily test of main & aux throttle. pumped up port settlers from 5 % F.B. Changed & Cleaned Center burners & P/S disch strainer. Pumped Bilges. Checked steering E.R. Gear. Added 2 Gals L.O. to #1+2 M.N. Feed pumps. Complied Comsts 4700-7 Made Routine Rounds on Mach & Engs spaces.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Underway steaming as before. 1556 to 1615 blew tubes on #1+2 boilers. Changed bottom burners in #1+2 boilers. 1743 Sun set. W.T.D. Closed P/B. Shifted & Cleaned F.O. disch. strainers to P/S boiler. Checked all operating Mach. & Eng. spaces. Gave #1 boiler bottom blow through M.U.F. Evap. for 10 sec.

WATCH ENGR'S SIGNATURE- J M Jones

2000-2400 WATCH

Underway, Steaming 18 Nogg, Cleaned & changed top burners #1+2 Boilers Cleaned F.O. Disch strainers P+S, Clean & Shift L.O. strainers #1 Generator @ 2300 advanced Clocks 20 minutes, Made Rounds & Insp of Mach & Engine spaces, Comp with Comsts 4700-7 @ 2200 Shift settler to Inboard Suct. added 2 gal L.O. to #1 feed pump added 2 gal L.O. to #2 feed pump.

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH

Underway on 18 Nov 22 Mach as Before Changed & Cleaned Center F.O. burners & P/S disch strainers. Weekly test of overspeed trip on main turbine by hand. Inspected & Cleaned Main L.O. disch strainers. Advanced Clocks 20 mins @ 0100. Weekly test of stby L.O. pump. Pumped up port settlers from #5 P/S 2 lbs. Pumped Cargo holds Bilges. Checked Steering E.R. Gear. Added 2 Gals L.O. to #1+2 M.N. Feed pumps. Complied with Comsts 4700-7 Made Routine Rounds on Mach and 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, shifted and Cleaned Main L.O. disch strainer. 0520 Advanced Clocks (20 min.). 0545 Sun rise. W.T.D. opened. Gave #2 boiler bottom blow for (1) min. through M.U.F. Evap. Added Chemicals to #1 boiler 6 oz. 9 MS. + 2 oz. 15 MS. Checked Eng. spaces and Mach.

WATCH ENGR'S SIGNATURE- J M Jones

0800-1200 WATCH

Underway, Steaming 18 Nogg 0800 to 0835 Blew tubes #1+2 Boilers Cleaned & Changed top burners #1+2 Boiler, Shift + Clean F.O. Disch strainers P+S. Shift + Clean L.O. Strainer #1 turbo Generator, Made Rounds + Insp of Mach + Eng spaces. Complied With Comsts 4700-7.
@ 1130 Rolling #2 Turbo Generator

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER WATER READINGS

STBD	PORT
HOURS 539	HOURS 2110
ALK 876	ALK 934
T-ALK 1168	T-ALK 1460
SALT 331	SALT 539
PHOS. 35	PHOS. 50
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- Scott Tolson

A 6025

MCB RAY

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope THP-110	7-H	Sasebo Japan	NSC Oakland Calif	P2-S2-R2	3-10-10 MAR 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)	2446 9970	2449 3130	2451 6540	2453 9660	2456 3460	2458 6990
TOTAL REVOLUTIONS (FOR WATCH.	23230	23160	23410	23320	23600	23530
AVERAGE RPM	96.8	96.5	97.5	97.2	98.3	98.0
F.O. METER (END OF WATCH)	1124 1130	1124 3890	1124 6680	1124 9740	1125 2640	1125 5380
F.O. CONSUMED	2920	2760	2790	3060	2900	2740
MACHINERY PARTICULARS — PRESSURES — THROTTLE	440	440	440	440	440	440
H.P. AHEAD	440	440	440	440	440	440
L.P. AHEAD	24	24	26	26	23	23
VACUUM	28.6"	28.6	28.5	28.6"	28.7"	28.5
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	150	150	155	150	150	150
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	1.0	.5	1.0	1.0	.5	.5
H.P. BLEEDER	62	60	62	62	62	62
I.P. BLEEDER	6	6	6	6	6	6
L.P. BLEEDER	10	10	11	10	10	10
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	680	700	675	670	685	685
L. P. EXHAUST	95	96	96	95	90	90
CONDENSATE	85	82	89	85	81	84
CIRC. WATER IN	62	58	62	58	58	56
CIRC. WATER OUT	74	68	74	72	68	68
L.O. TO COOLERS	129	128	129	130	128	129
L.O. FROM COOLERS	110	110	110	110	110	110
TEMPERATURE THRUST BEARING	120	120	119	119	120	119
FORWARD H.P. ROTOR BEARING	124	118	124	125	118	124
AFT. H.P. ROTOR BEARING	136	140	136	137	140	136
FORWARD L.P. ROTOR BEARING	134	135	132	134	133	133
AFT. L.P. ROTOR BEARING	126	128	129	128	128	129

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD	158	158	157	156	155	157
HOTTEST GEAR BEARING AFT	145	145	144	144	143	145
AUX. COND. CONDENSATE	100		98	95		96
1ST STAGE FEED WATER HEATER	154	150	150	154	152	152
D. C. FEED WATER HEATER	238	238	238	240	238	238
~~3RD STAGE FEED~~ Rotor WATER HEATER H.P.	150					
~~3RD STAGE FEED~~ Rotor WATER HEATER L.P.	100					
BOILER PARTICULARS TEMPERATURES — SUPER HEAT P	650	650	640	630	640	650
SUPER HEAT S	660	680	660	655	670	670
F.O. TO BURNERS	165/165	165/165	165/160	165/165	150/150	165/165
PRESSURE AIR TO FURNACE P	6.0	6.0	5.5	5.5	6.0	5.5
PRESSURE AIR TO FURNACE S	6.0	6.0	5.5	5.6	6.4	5.5
F.O. TEMP. IN SETTLING TANKS P	85	100	95	100	110	110
F.O. TEMP. IN SETTLING TANKS S	90	100	100	110	110	115
PORT BOILER UPTAKE	330	335	330	335	335	325
STBD. BOILER UPTAKE	350	345	330	385	340	315
PRESSURES — F. O. BACK PRESSURE	10/10	14/11	8/5	10/10	12/6	12
MAIN STEAM	440	440	440	440	440	440
F.O. TO BURNERS	200/200	200/195	200/200		200/200	200/200
MISCELLANEOUS — MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	74	76	72	71	77	70
FIRE ROOM TEMPERATURE	74	76	72	71	77	70
NOZZLES IN USE	18	18	18	18	18	18
NO. OF BURNERS IN USE P	3	3	3	3	3	3
NO. OF BURNERS IN USE S	3	3	3	3	3	3
BURNER TIP SIZE P	53/70	53/70	53/70	53/70	53/70	53/70
BURNER TIP SIZE S	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER					14½%	
CO_2 % STBD. BOILER					14½%	
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	2	1200	440	670	7	126	112		62	1200	1150	235
1600 TO 2000	2	1200	440	700	7	126	112		63	1200	1200	235
2000 TO 2400	2	1200	440	675	7	126	112		62	1200	1100	235
2400 TO 0400	2	1200	440	670	7	125	110		62	1250	1200	235
0400 TO 0800	2	1200	440	685	7	126	112		63	1150	1150	235
0800 TO 1200	1	1200	440	685	7	110	100		62	Idle		235
	2	1200	440	685	7	124	112		62	1100	1100	235

FUEL - WATER AND LUBE OIL

FUEL OIL — METER AT NOON	1125 5380	
FUEL OIL — METER PREVIOUS NOON	1123 8210	
FUEL OIL — CONSUMED BY METER	17170	
FUEL OIL — ON HAND AT START OF DAY	9494	
FUEL OIL — RECEIVED DURING DAY	-0-	
FUEL OIL — EXPENDED DURING DAY	784	
FUEL OIL — REMAINING ON BOARD	8710	
DOMESTIC WATER — ON HAND AT START OF DAY	970	
DOMESTIC WATER — EVAPORATED OR RECEIVED	121	
DOMESTIC WATER — ON HAND	1044	
DOMESTIC WATER — CONSUMED	47	
BOILER WATER — ON HAND AT START OF DAY	260	
BOILER WATER — EVAPORATED OR RECEIVED	33	
BOILER WATER — ON HAND	250	
BOILER WATER — CONSUMED	43	
LUBE OIL — ON HAND AT START OF DAY	2270	
LUBE OIL — RECEIVED	-0-	
LUBE OIL — ON HAND	2260	
LUBE OIL — CONSUMED	10	
DIESEL OIL — ON HAND	1268	
DIESEL OIL — RECEIVED	1265	
DIESEL OIL — CONSUMED	3	

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4	4	4	2½

SUMMARY

RUNNING TIME	1440	PROPELLER SLIP (%)	Pos. 10.1
DETENTION TIME	-0-	BBL FUEL/MI	1.52 1.76
TOTAL REVOLUTIONS Avg.	137640	WIND DIRECTION	150°
AVERAGE R.P.M.	95.6	STATE OF SEA	4' SWELL S
TOTAL MILES BY ENGINE	513	STATE OF WEATHER	52°
TOTAL MILES BY OBSERVATION	461		

REMARKS

1200-1600 WATCH

Underway on 18 Nozz Mach in operation 1&2 Boilers. 1&2 Fd Blowers. 1&2 Feed pumps. 1&2 Mn Fd pumps. Stby Floating. Main Air Ejector. Mn Circ & Cond. pumps. Lo. purifier. Lo. S. Pump. Aux Generator. Aux Air Ejector. Circ & Cond Pumps X over to Main. Fire & San Pump. Elect Fw. pump. Stbd Steering Gear. Daily test of Dead Throttle. Shifted Elect Load to #2 Aux Gen @ 1400 & Sec. #1 Aux Gen. Pumped up Port Settlers from #5 P/S Bkr tks. Checked steering Emr Gear. Weekly test of Emergency Equipment & Safety devices. Added 2 Gals Lo to #1&2 Fd. pumps. Complied with Comsts 4700-7. Made Routine Rounds on Mach & Engs. Spaces. Elect Cleaning #1 Aux Generator.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before. 1600 to 1620 blew tubes on #1&2 boilers. DIESEL ENGINES TESTED for 30 min. test ok. Changed bottom burner in #1&2 boilers. 1809 Sun set W.T.D. Closed B/B. Shifted & Cleaned F.O. disch. Strainer to P/S boilers. Shifted MUF to #1 P. Checked all operating mach. & Eng. spaces.

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH

Underway, Steaming 18 Nozz, Cleaned & Changed top burners #1&2 Boilers. Cleaned & Shift to Disch Strainers P&S., Clean & Shift Lo Strainer #2 Generator. Made Rounds & Insp of Mach & Eng spaces. Comp with Comsts 4700-7. add 2 gal Lo to #1 Feed pump, add 2 gal Lo 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 Strainer. Pumped up Port Settlers from #5 & Fr Tk. Inspected & Cleaned Main Lo disch Strainer. Daily test of Stby Lo. pump. Pumped Cargo holds Bilges. Checked Steering Emr Gear. Added 2 Gals Lo to #1&2 Main Feed Pumps. Complied with Comsts 4700-7. Made Routine Rounds on Mach & Engs Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before. Changed bottom burner in P/S boilers. Shifted F.O. Sdt. & disch. Strainers to P/S boilers. Shifted drain F.O. disch. Strainer. Checked all operating mach. & Eng. spaces. M.U.F. shifted to 1/5. Sun rise 0608. W.T.D. opened B/B.

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH

Underway, Steaming 18 Nozz. 0800 to 0835 blew tubes #1&2 Boilers, Cleaned & Changed top burners #1&2 Boilers, 0855 to 0950 Main Circulator secured for Cleaning by Electricians, 0930 Shifted to settlers to Inboard suct. @1015 Rolling #1 turbo Generator, 1030 to 1045 - secured Lo. Service pump for Cleaning by Electricians, Run Stby Lo. pump Under Load for 15 Minutes, @1050 secured Lo. purifier for Cleaning of motor by Electricians, Stby fire pump on @ 0855, Secured #1 Fire pump, Cleaned & Shift to Disch strainers P&S. Made Rounds & Insp of Mach & Eng spaces, Comp With Comsts 4700-7.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER WATER READINGS

STBD	PORT
HOURS ~~[illegible]~~	HOURS 2134
[illegible] 934	[illegible] 876
T[illegible] 1226	T-AKL 1285
S[illegible] 331	S L. 373
F[illegible] 40	[illegible]S. 40
F[illegible] 10	[illegible].ph 10

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-112	7-11	Sasebo Japan	NSC Oakland Calif	P2-S2-R2	1-11-MAR-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)	2460 6870	2463 1560	2465 4480	2467 7370	2470 0560	2472 3110
TOTAL REVOLUTIONS (FOR WATCH)	21660 5418	22690	22920	22610	23190	23150
AVERAGE RPM	91.2	94.5	95.5	95.4	96.6	96.4
F.O. METER (END OF WATCH)	1125 8420	1126 1470	1126 4430	1126 7430	1127 0410	1127 3180
F.O. CONSUMED	3040	3050	2960	3000	2980	2770
MACHINERY PARTICULARS — PRESSURES — THROTTLE	435	440	440	440	440	440
H.P. AHEAD	435	440	440	440	440	440
L.P. AHEAD	22	22	24	22	22	24
VACUUM	26.2"	28.5"	28.5	28.6"	28.5"	28.5
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	1.0	.5	.5	.5	.5	.5
H.P. BLEEDER	62	60	62	62	62	62
I.P. BLEEDER	6	6	6	6	6	6
L.P. BLEEDER	10	10	10	10	10	10
TEMPERATURES — STEAM AT THROTTLE	690	695	685	685	680	690
L.P. EXHAUST	87	88	90	90	90	90
CONDENSATE	78	78	83	78	80	80
CIRC. WATER IN	54	56	56	54	58	54
CIRC. WATER OUT	67	66	68	66	68	68
L.O. TO COOLERS	130	128	129	126	128	128
L.O. FROM COOLERS	110	110	110	110	110	110
TEMPERATURE THRUST BEARING	120	120	118	119	120	120
FORWARD H.P. ROTOR BEARING	128	118	118	120	118	124
AFT. H.P. ROTOR BEARING	137	138	136	136	138	136
FORWARD L.P. ROTOR BEARING	132	130	130	130	133	131
AFT. L.P. ROTOR BEARING	128	128	128	128	128	128

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD		155	155	156	155	155	157
HOTTEST GEAR BEARING AFT		145	140	143	144	143	145
AUX. COND. CONDENSATE		85		90/90	85	90/90	85
1ST STAGE FEED WATER HEATER		152	148	150	145	148	146
D. C. FEED WATER HEATER		240	238	238	240	240	238
~~3RD STAGE FEED WATER HEATER~~	L.P	120	—	—	—	—	
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT	P	660	650	640	650	620	640
	S	665	680	670	660	650	670
F.O. TO BURNERS		165/165	170/160	180/165	170/160		180/180
PRESSURE AIR TO FURNACE	P	6.0	6.0	5.5	6.0	6.0	5.5
	S	6.0	6.0	5.5	6.0	6.0	5.5
F.O. TEMP. IN SETTLING TANKS	P	110	115	112	105	100	100
	S	115	110	112	115	110	106
PORT BOILER UPTAKE		345	335	335	340	350	330
STBD. BOILER UPTAKE		335	325	330	335	345	325
PRESSURES — F. O. BACK PRESSURE		10/10	11/10	10/10	10/10	10	10
MAIN STEAM		435	440	440	440	440	440
F.O. TO BURNERS		225/205	225/240	230/205	225/240	205/205	210/210
MISCELLANEOUS — MAIN COND. SALINITY		.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE		74	75	76	76	76	72
FIRE ROOM TEMPERATURE		74	75	76	76	76	72
NOZZLES IN USE		18	18	18	18	18	18
NO. OF BURNERS IN USE	P	3	3	3	3	3	3
	S	3	3	3	3	3	3
BURNER TIP SIZE	P	53/70	53/70	53/70	53/70	53/70	53/70
	S	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER						14½%	
CO_2 % STBD. BOILER						14½%	
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	690	9	120	110		62	1250	1200	235
	2	1200	435	640	7	126	110		62	1300	1250	235
1600 TO 2000	1	1200		695	9	118	108		61	950	1050	235
	2	1200		695	7	126	112		63	750	800	235
2000 TO 2400	1	1200		685	9	120	110		62	900	950	240
	2	1200		685	7	126	112		62	750	850	240
2400 TO 0400	1	1200	440	685	9	119	109		62	950	850	235
	2	1200	440	685	7	126	116		62	900	900	235
0400 TO 0800	1	1200	440	680	9	120	110		62	1050	1050	235
	2	1200	440	680	7	126	112		62	750	750	235
0800 TO 1200	1	1200	440	690	9	120	110		62	1000	1000	235
	2	1200	440	690	7	126	112		62	1000	1000	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11273186
	METER PREVIOUS NOON	11255380
	CONSUMED BY METER	17800
	ON HAND AT START OF DAY	8,710
	RECEIVED DURING DAY	-0-
	EXPENDED DURING DAY	783
	REMAINING ON BOARD	7,927
DOMESTIC WATER	ON HAND AT START OF DAY	1044
	EVAPORATED OR RECEIVED	92
	ON HAND	1039
	CONSUMED	97
BOILER WATER	ON HAND AT START OF DAY	250
	EVAPORATED OR RECEIVED	45
	ON HAND	254
	CONSUMED	41
LUBE OIL	ON HAND AT START OF DAY	2260
	RECEIVED	-0-
	ON HAND	2250
	CONSUMED	10
DIESEL OIL	ON HAND	1265
	RECEIVED	1263
	CONSUMED	2

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
3½	4	4	4	4	4

SUMMARY

RUNNING TIME	1440	PROPELLER SLIP (%)	POS. 14.4
DETENTION TIME	-0-	BBL FUEL/MI	1.65 1.81
TOTAL REVOLUTIONS	135585	WIND DIRECTION	110°
AVERAGE R.P.M.	94.1	STATE OF SEA	8' SWELLS
TOTAL MILES BY ENGINE	505	STATE OF WEATHER	52°
TOTAL MILES BY OBSERVATION	432		

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.O. pumps. Main Air Ejector. MN Circ & Cond. pumps. Main Air Compressor. L.O. purifier. L.O. pump. 1&2 Aux Generators. Aux Air Ejector Circ & Cond pumps over to Main. Fire&San pump. Eject Fw. pump. Daily test of AHead Thrust. Cleaned L.O. purifier back in service @ 1230. Pumped up settlers from #5 & DB #2 Port. Put #1 aux Generator on the Line @ 1330. Checked Steering E.R. Gear. Added 2 Gals L.O. to 1&2 MN Feed Pumps. Complied with Comsts 4700-7. UNable to MAINTAIN the PROPER STM PRESSURE. APPEARS to be WATER IN F.O. DAY 2nd Check SHIPS. WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before. 1550 to 1605 blew tubes on #1 & 2 boilers. 1729 Dum det. W.T.D. Closed P/S. Changed bottom burner in P/S boiler. Shifted F.O. Sect. and disch. strainers. Checked operating mach. & Eng. spaces. Added oil to feed Pumps (1) gal to #1 & 2 gals to #2.

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH

Underway, Steaming 18 Nozz, Cleaned & Changed top burners #1 & 2 Boilers. Shift & Clean F.O. Disch strainers P & S, Shift & Clean L.O. Strainers #1 & 2 Generators. Made Rounds & Insp of Mach & Eng spaces; Comp with Comsts. 4700-7.

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH

UNderway on 18 NOZZ Mach as Before. Changed & Cleaned Center F.O. Burners & P/S disch Strainers. Daily test of Stby L.O. pump. Inspected & Cleaned main L.O. disch strainer. Pumped up port settlers from #6 P/S DB Tks. Pumped Cargo holds Bilges. Checked Steering E.R. Gear. Added 2 Gals L.O. to #1&2 Main Feed Pumps. Complied Comsts 4700-7. Made Routine Rounds on Mach & Engs Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before. Changed bottom burner in P/S boilers. Shifted F.O. Sect. & Disch. strainers to P/S boilers. Shifted main L.O. disch. strainer. Gave #2 boiler bottom blow through M.V.E. Evap. for (1) one hour. Parked soot blower drain valve on #2 boiler. Checked all operating mach. & Eng. spaces. 0530 sun rise, W.T.D. kept Closed due to fog. 0600 shifted outboard settler. added two gal oil to #1 feed Pump.

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH

Underway, Steaming 18 Nozz, 0800 to 0830 Blew tubes on #1 & 2 Boilers. Clean & change T. burners #1 & 2 Boilers, Shift & Clean F.O. Disch strainer P & S. Shift & Clean L.O. Strainers #1 & 2 Generators. 0908 Stby - Poor Visibility. Made Rounds & Insp of Mach & Eng. spaces. Comp with Comsts 4700-7.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS 587	HOURS 2158
AKL 195	AKL 818
T-AKL 1343	T-AKL 1226
SAL. 373	SAL. 456
PHOS. 45	PHOS. 50
R.ph 10	R.ph 16

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	7-H	Sasebo Japan	NSC Oakland Calif	P2-S2-R2	11-12-MAR-67

	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)	2474 6780	2476 9530	2479 0500	2481 1450	2483 2310	2485 5160
TOTAL REVOLUTIONS (FOR WATCH)	23070	22750	20970	20950	20860	22850
AVERAGE RPM	96.1	94.8	95.3	95.2	94.8	95.2
F.O. METER (END OF WATCH)	1127 6220	1127 9210	1128 1910	1128 4620	1128 7390	1129 0300
F.O. CONSUMED	3040	2990	2700	2710	2770	2910
MACHINERY PARTICULARS — PRESSURES — THROTTLE	440	440	440	440	440	440
H.P. AHEAD	440	440	440	440	440	440
L.P. AHEAD	22	22	22	22	23	24
VACUUM	28.6"	28.8"	28.5	28.6"	29.0	29.0
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	.5	.5	.5	.5	.5	.5
H.P. BLEEDER	62	62	62	62	60	62
I.P. BLEEDER	6	6	6	6	6	6
L.P. BLEEDER	10	10	10	10	10	11
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	675	700	700	680	680	695
L. P. EXHAUST	90	90	89	90	90	90
CONDENSATE	80	79	81	80	81	81
CIRC. WATER IN	56	58	54	55	58	54
CIRC. WATER OUT	67	68	66	67	68	66
L.O. TO COOLERS	128	128	129	129	128	129
L.O. FROM COOLERS	110	110	110	110	110	110
TEMPERATURE THRUST BEARING	119	120	119	119	120	119
FORWARD H.P. ROTOR BEARING	123	118	123	123	118	124
AFT. H.P. ROTOR BEARING	135	138	136	135	138	136
FORWARD L.P. ROTOR BEARING	130	130	132	130	133	131
AFT. L.P. ROTOR BEARING	126	128	128	127	128	128

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD		155	155	156	155	155	156
HOTTEST GEAR BEARING AFT		144	140	145	145	143	145
AUX. COND. CONDENSATE		65/85		85	85		85/85
1ST STAGE FEED WATER HEATER		150	148	146	150	146	148
D. C. FEED WATER HEATER		240	238	238	240	240	240
3RD STAGE FEED WATER HEATER (Motor)	H.P.	150	—	—	—		
	I.P.	100					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT	P	640	640	640	640	620	650
	S	655	680	660	660	670	670
F.O. TO BURNERS		160/160	165/190	170/170	160/180	165/175	170/170
PRESSURE AIR TO FURNACE	P	5.5	6.0	5.5	5.8	6.2	6.0
	S	5.8	6.2	5.5	5.8	7.4	6.0
F.O. TEMP. IN SETTLING TANKS	P	100	100	100	105	100	100
	S	105	105	105	115	105	110
PORT BOILER UPTAKE		335	345	350	355	360	340
STBD. BOILER UPTAKE		330	345	345	355	365	335
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE		15/14	12/10	12	12/12	10/10	5/5
MAIN STEAM		440	440	440	440	440	440
F.O. TO BURNERS		240/240	240/255	240/240	240/250	250/240	230/240
MISCELLANEOUS — MAIN COND. SALINITY		.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE		71	72	70	70	74	68
FIRE ROOM TEMPERATURE		71	72	70	70	74	68
NOZZLES IN USE		18	18	18	18	18	18
NO. OF BURNERS IN USE	P	3	3	3	3	3	3
	S	3	3	3	3	3	3
BURNER TIP SIZE	P	53/70	53/70	53/70	53/70	53/70	53/70
	S	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER						14½%	
CO_2 % STBD. BOILER						14½%	
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	675	9	119	110		62	1000	1000	235
	2	1200	440	675	7	126	112		62	900	900	235
1600 TO 2000	1	1200	440	700	9	120	110		61	1000	1050	235
	2	1200	440	700	7	126	112		63	800	850	235
2000 TO 2400	1	1200	440	700	9	120	110		62	900	900	235
	2	1200	440	700	7	124	110		62	900	900	235
2400 TO 0400	1	1200	440	680	9	120	110		62	950	900	235
	2	1200	440	680	7	124	110		62	900	850	235
0400 TO 0800	1	1200	440	680	9	120	110		61	1000	1050	235
	2	1200	440	680	7	124	112		63	750	800	235
0800 TO 1200	1	1200	440	695	9	120	110		62	1100	1100	240
	2	1200	440	695	7	124	110		62	800	800	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11290300
	METER PREVIOUS NOON	11273180
	CONSUMED BY METER	17120
	ON HAND AT START OF DAY	7,927
	RECEIVED DURING DAY	-0-
	EXPENDED DURING DAY	736
	REMAINING ON BOARD	7,191
DOMESTIC WATER	ON HAND AT START OF DAY	1039
	EVAPORATED OR RECEIVED	105
	ON HAND	1082
	CONSUMED	62
BOILER WATER	ON HAND AT START OF DAY	254
	EVAPORATED OR RECEIVED	30
	ON HAND	240
	CONSUMED	44
LUBE OIL	ON HAND AT START OF DAY	2250
	RECEIVED	-0-
	ON HAND	2240
	CONSUMED	10
DIESEL OIL	ON HAND	1263
	ON HAND RECEIVED	1260
	CONSUMED	3

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

4 4 3⅔

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	3⅔	3⅔	4

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%)	POS. 13.8
DETENTION TIME	-0-	BBL FUEL/MI	1.52 1.76
TOTAL REVOLUTIONS	129,710	WIND DIRECTION	100°
AVERAGE R.P.M.	94.0	STATE OF SEA	10' SWELLS
TOTAL MILES BY ENGINE	484	STATE OF WEATHER	48°
TOTAL MILES BY OBSERVATION	417		

REMARKS

1200-1600 WATCH

Underway on 18 Nots + Stby Lt @1151 Mach Inoperation 1+2 Boilers. 1+2 F.D. Blowers 1+2 F.O. pumps 1+2 MN F.W. pumps. MAIN AIR Ejector. MN C.R.C + Cond pumps L.O. purifier L.O.S Pump 1+2 Main Generators. Aux Air Ejector C.R.C + Cond pumps over to MAIN MAIN AIR Compressor. F.W.+ SAN Pump. Elect F.W. pump. Stbd Steering Gear. Daily test of Ahead Throttle. Pumped up Port Settlers From #6 P/S D.B. TKS. Stby @132 (Weather). Changed + Cleaned Center F.O. burners + P/S disch strainers. Pumped Bilges. Checked Steering ER Gear. Added 2 Gals L.O. to 1+2 MN F.W. pumps. Complied with Comsts 4700-7

WATCH ENGR'S SIGNATURE- George Bunny

1600-2000 WATCH

Steaming as before. 1550 to 1615 blew tubes on #1+2 boilers. Sun set @ 1556. W.T.D. Closed B/B. 1738 LH. Changed bottom burner in P/S boiler. Shifted + Cleaned F.O. strainer to #1+2 boilers. Added 2 gal oil to #1 Fuel Pump. Checked all operating mach. + Eng. spaces. Carried out standing orders. Conditions normal.

WATCH ENGR'S SIGNATURE- J M Jones

2000-2400 WATCH

Underway, Steaming 18 Knots, Cleaned + Changed top burners #1+2 Boilers. Shift + Clean F.O. disch strainers P+S, Shift + Clean L.O. strainers #1+2 Generators. @ 2100 shift to outboard F.O. Settler Tank, Advanced Ships Clock 20 Min @ 2300. Made Rounds + Insp of Mach + Eng spaces, Comp with Comsts 4700-7. added 2 gal L.O. to #1+2 Fuel pumps.

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH

Underway on 18 Knots Mach as Before. Changed + Cleaned Center F.O. burners P/S disch strainers. Daily test of Stby L.O. pump. Inspected + Cleaned Main L.O. disch strainers. Advanced Clocks 20 mins @ 0100. Pumped up Port Settlers From #6 P/S + ¢ DB. Pumped Bilges. Checked Steering ER Gear. Added 2 Gals L.O. to #1+2 MN F.W. pumps. Complied with Standing + Night orders. Comsts 4700-7. Made Routine Rounds on Mach + Engs Spaces.

WATCH ENGR'S SIGNATURE- George Bunny

0400-0800 WATCH

Steaming as before. Changed bottom burner in #1+2 boilers. 0520 advanced Clocks (20 mi). Shifted F.O. sucT. + disch. strainers to #1+2 boilers. Shifted main L.O. disch. strainer 0510 lit off M.V.F. Evap to Tune #1 boiler bottom blow. 0553 Sun rise. W.T.D. opened B/B. 0700 secured M.V.F. Evap. #1 Fuel Pump Center Plunger leaking excessively, 1st O/S notified as to the condition. Checked all operating mach. + Eng. spaces.

WATCH ENGR'S SIGNATURE- J M Jones

0800-1200 WATCH

Underway, Steaming 18 Knots, Blew tubes #1+2 Boilers 0800 to 0830. Cleaned + Changed Top Burners, Shift + Clean F.O. Disch strainers P+S. Shift + Clean L.O. Strainers #1+2 Generators, @ 0930 Shift F.O. Suct to outboard Settler. Made Rounds + Insp of Mach + Eng Spaces, Comp with Comsts 4700-7. Added 2 gal L.O. to #2 Fuel Pump.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS 611	HOURS ~~1265~~ 2182
AKL 993	AKL 1057
T-AKL 1460	T-AKL 1285
SAL. 414	SAL. 373
PHOS. 40	PHOS. 40
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- Scott C Lin

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAP-16	7-H	SASEBO JAPAN	NSC OAKLAND CALIF	P2-52-R2	12-13-MAR-67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	220	240	220	220	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	2487 7460	2490 0310	2492 1290	2494 2470	2496 3310	2498 6680
TOTAL REVOLUTIONS (FOR WATCH	22300	22850	20980	21180	20840	23310
AVERAGE RPM	92.7	95.2	95.3	96.2	94.7	97.3
F.O. METER (END OF WATCH)	1129 3010	1129 5880	1129 8400	1130 1080	1130 3770	1130 6560
F.O. CONSUMED	2770	2810	2520	2680	2690	2790
MACHINERY PARTICULARS — PRESSURES — THROTTLE	440	440	440	440	440	440
H.P. AHEAD	440	440	440	440	440	440
L.P. AHEAD	22	21	22	21	22	22
VACUUM	28.8"	29.0"	29.0	29.0	29.2"	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	.5	.5	.5	.5	.5
H.P. BLEEDER	62	60	65	62	62	62
I.P. BLEEDER	6	6	6	6	6	6
L.P. BLEEDER	10	10	10	10	11	10
TEMPERATURES — STEAM AT THROTTLE	690	710	695	690	690	695
L. P. EXHAUST	90	88	90	87	88	90
CONDENSATE	77	78	82	78	78	78
CIRC. WATER IN	54	55	55	55	55	58
CIRC. WATER OUT	66	66	68	67	66	66
L.O. TO COOLERS	127	128	127	127	128	128
L.O. FROM COOLERS	110	110	110	110	110	110
TEMPERATURE THRUST BEARING	120	120	122	120	120	120
FORWARD H.P. ROTOR BEARING	123	118	119	122	115	123
AFT. H.P. ROTOR BEARING	134	138	136	135	138	136
FORWARD L.P. ROTOR BEARING	130	130	131	130	133	131
AFT. L.P. ROTOR BEARING	126	128	128	127	128	128

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD	152	155	156	155	153	156
HOTTEST GEAR BEARING AFT	140	143	143	144	143	145
AUX. COND. CONDENSATE	85		88	86		88
1ST STAGE FEED WATER HEATER	147	148	150	150	146	148
O. C. FEED WATER HEATER	240	238	238	240	238	238
3RD STAGE FEED WATER HEATER H.P. / L.P.	150 / 140					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P	650	650	640	660	620	650
SUPER HEAT S	680	680	675	690	670	670
F.O. TO BURNERS	190/190	175/185	190/190	185/185	185/198	190
PRESSURE AIR TO FURNACE P	5.8	7.8	6.0	6.0	7.0	6.6
AIR TO FURNACE S	5.8	7.0	6.0	6.0	6.6	6.0
F.O. TEMP. IN SETTLING TANKS P	105	100	100	105	105	100
F.O. TEMP. IN SETTLING TANKS S	115	110	100	110	105	105
PORT BOILER UPTAKE	350	350	345	350	350	345
STBD. BOILER UPTAKE	345	340	340	345	350	330
PRESSURES — F. O. BACK PRESSURE	14/14	11/10	12	15/16	10/10	10
MAIN STEAM	440	440	440	440	440	440
F.O. TO BURNERS	210/210	210/220	210/210	215/215	230/240	210/210
MISCELLANEOUS — MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	68	74	73	68	72	65
FIRE ROOM TEMPERATURE	68	74	73	68	72	65
NOZZLES IN USE	18	18	19	18	18	18
NO. OF BURNERS IN USE P	3	3	3	3	3	3
NO. OF BURNERS IN USE S	3	3	3	3	3	3
BURNER TIP SIZE P	53/70	53/70	53/70	53/70	53/70	53/70
BURNER TIP SIZE S	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER					14½	
CO_2 % STBD. BOILER					14½	
OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	440	690	9	120	110		62	950	900	235
	2	1200	440	690	7	121	110		62	850	800	235
1600 TO 2000	1	1200	440	710	9	120	110		62	900	950	235
	2	1200	440	710	7	124	110		62	900	1000	235
2000 TO 2400	1	1200	440	695	9	120	110		62	1000	900	235
	2	1200	440	695	7	126	112		62	1000	900	235
2400 TO 0400	1	1200	440	695	9	120	110		62	950	900	235
	2	1200	440	695	7	126	110		62	900	850	235
0400 TO 0800	1	1200	440	690	9	120	110		61	1050	1050	235
	2	1200	440	690	7	122	110		63	750	850	235
0800 TO 1200	1	1200	440	695	9	120	110		62	1000	900	235
	2	1200	440	695	7	124	110		62	1000	900	235

FUEL - WATER AND LUBE OIL

FUEL OIL — METER AT NOON	11306560	
FUEL OIL — METER PREVIOUS NOON	11290300	
FUEL OIL — CONSUMED BY METER	16260	
FUEL OIL — ON HAND AT START OF DAY	7191	
FUEL OIL — RECEIVED DURING DAY	-0-	
FUEL OIL — EXPENDED DURING DAY	669	
FUEL OIL — REMAINING ON BOARD	6522	
DOMESTIC WATER — ON HAND AT START OF DAY	1082	
DOMESTIC WATER — EVAPORATED OR RECEIVED	94	
DOMESTIC WATER — ON HAND	1082	
DOMESTIC WATER — CONSUMED	94	
BOILER WATER — ON HAND AT START OF DAY		240
BOILER WATER — EVAPORATED OR RECEIVED		64
BOILER WATER — ON HAND		262
BOILER WATER — CONSUMED		42
LUBE OIL — ON HAND AT START OF DAY		2240
LUBE OIL — RECEIVED		-0-
LUBE OIL — ON HAND		2230
LUBE OIL — CONSUMED		10
DIESEL OIL — ON HAND		1260
DIESEL OIL — RECEIVED (OR Hard)		1258
DIESEL OIL — CONSUMED		2

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

4	3⅔	3⅔	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	3⅔	3⅔	3⅔	4

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%)	Pos 16.9
DETENTION TIME	-0-	BBL FUEL. MI	1.38 1.66
TOTAL REVOLUTIONS AVG.	129814	WIND DIRECTION	090°
AVERAGE R.P.M.	94.0	STATE OF SEA	4' SWELLS
TOTAL MILES BY ENGINE	484	STATE OF WEATHER	44°
TOTAL MILES BY OBSERVATION	402		

REMARKS

1200-1600 WATCH

Underway on 12 Noz2 Mach in operation 1&2 Boilers 1&2 F.O. Blowers 1&2 F.O.S. pumps. 1&2 MN. F.O. pumps. Stby Flushing Main Air Ejector. Main C.R.C. & Cond pumps. L.O. purifier L.O.S. pump 1&2 Aux Generators Aux Air Ejector C.R.C. & Cond. pumps Over to Main. Main Air Compressor Elect F.W. pump. Stbd Steering Gear. Daily test of emerg. bilge. Pumped up port settlers from #6 & DB Tk. Secured #1 MN. F.O. pump for repairs by 1st Asst Engr. @1320 Red speed to 70 RPM @1330 Bridge notified. Repairs completed on #1 MN F.O. pump @1515 put same on the full 12 Noz2 @1511 Bridge notified. Complied with Comsts 4700.7 Made Routine Rounds on Mach & Engs spaces.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before. 1550 to 1615 blew tubes on #1 & 2 boilers. 1722 gun set. W.T.D. Closed B/B. Changed bottom burner in P/S boilers. Shifted F.O. disch. strainers to P/S boiler. Added Chemicals 9MS & 15MS. to starboard #1 boiler. Greased #1 & 2 fuel Pumps. Checked all operating mach. & Eng. spaces.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH

Underway, Steaming 18 Noz., Cleaned & Changed top furnaces #1 & 2 boilers Shift & Clean F.O. Disch strainers P & S, Shift & Clean L.O. Strainers #1 & 2 Generators. Advanced Ships Clock 20 Min @ 2300, Made Rounds & Insp of mach & Eng. spaces, Comp With Comsts 4700-7

WATCH ENGR'S SIGNATURE- R. Summers

2400-0400 WATCH

Underway on 12 Noz2 Mach as Before Changed & Cleaned F.O. burners & Ports Stbd disch strainers. Daily test of Stby L.O. pump. Inspected & Cleaned Main L.O. disch strainers Held Engs Casualty drill B 15 Loss of Feed Pump Pressure Watch inst & Bridge notified 0100-0130 Pumped up port settlers from #7 & DB Tks. Checked Steering E.R. Gear Pumped Cargo holds Bilges Added 2 Gals L.O. to #1 & 2 MN. F.O. Pumps. Complied with Comsts 4700.7 Made Routine Rounds on Mach & Engs spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before. 0440 Advanced Clocks (20 min.) Shifted Main L.O. disch. strainer, Shifted F.O. purif. & disch. strainers to P/S boilers. Top burner in #1 boiler Carboned up Cut out same for two hours. 0500 to 0530 held Eng. Casualty drill B-15. loss of feed Pump pressure watch inst Bridge notified. 0618 Gun rise. W.T.D. opened B/B. Checked all operating mach. & Eng. spaces. Pumped Evap. bilges & Cargo holds.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH

Underway, Steaming 18 Noz. Cleaned & Changed top furnace #1 & 2 Boilers 0820 to 084 Blew tubes #1 & 2 Boilers, Shift & Clean F.O. Disch strainers P & S. Shift & Clean L.O. Strainers #1 & 2 Generators. 0930 to 1000 held Eng Casualty Drill B-15, 4 Men present Bridge notified Made Rounds & Insp of Mach & spaces Comp. With Comsts. 4700-7.

WATCH ENGR'S SIGNATURE- R. Summers.

CHIEF ENGINEER

POTABLE WATER READINGS

[illegible]	PORT
BOILER 635	HOURS 2206
[illegible] 1057	[illegible] 876
[illegible] 1518	[illegible] 1343
[illegible] 373	[illegible] 331
PHOS. 50	PHOS. 35
[illegible] 10	[illegible] 10

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE THP-112	7-11	SASEBO JAPAN	NSC OAKLAND CALIF	P2-S2-K2	13-14-MAR-67

		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)	2501 0070	2503 3470	2505 5020	2507 6470	2509 7940	2512 1580
	TOTAL REVOLUTIONS (FOR WATCH)	23410	23380	21550	21450	21470	23640
	AVERAGE RPM	97.5	97.4	97.9	97.5	97.6	98.5
	F.O. METER (END OF WATCH)	1130 9420	1131 2180	1131 4680	1131 7400	1132 0130	1132 3100
	F.O. CONSUMED	2760	2760	2700	2720	2730	2870
PRESSURES	THROTTLE	440	440	440	440	440	440
	H.P. AHEAD	440	440	440	440	440	440
	L.P. AHEAD	22	22	22	22	22	22
	VACUUM	29	29	29	29	29	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	.5	.5	.5	.5	.5	.5
	H.P. BLEEDER	62	62	62	62	62	62
	I.P. BLEEDER	6	6	6	6	6	6
	L.P. BLEEDER	11	10	10	10	10	11
TEMPERATURES	STEAM AT THROTTLE	695	705	695	685	680	695
	L. P. EXHAUST	88	90	90	87	90	90
	CONDENSATE	78	80	83	79	74	82
	CIRC. WATER IN	54	56	56	55	58	54
	CIRC. WATER OUT	66	66	68	65	68	68
	L.O. TO COOLERS	129	128	129	128	128	129
	L.O. FROM COOLERS	116	110	110	110	110	116
	TEMPERATURE THRUST BEARING	126	120	119	119	120	119
	FORWARD H.P. ROTOR BEARING	124	118	117	122	123	117
	AFT. H.P. ROTOR BEARING	136	140	137	135	135	137
	FORWARD L.P. ROTOR BEARING	132	133	131	132	133	131
	AFT. L.P. ROTOR BEARING	127	128	128	127	128	129

MACHINERY PARTICULARS

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) TEMPERATURES (CONT'D)	HOTTEST GEAR BEARING FORWARD	155	155	155	155	155	156
	HOTTEST GEAR BEARING AFT	143	143	144	145	143	145
	AUX. COND. CONDENSATE	65		75	65		70
	1ST STAGE FEED WATER HEATER	145	148	148	148	148	150
	D. C. FEED WATER HEATER	240	240	238	240	238	238
	3RD STAGE FEED WATER HEATER H.P.	Before 150					
	3RD STAGE FEED WATER HEATER L.P.	100					
BOILER PARTICULARS TEMPERATURES	SUPER HEAT P	650	650	630	640	640	650
	SUPER HEAT S	660	680	670	660	660	680
	F.O. TO BURNERS	185/185	185/185	190/190	190/190	195/195	190/190
	FORCED AIR TO FURNACE P	6.0	7.0	6.0	6.0	6.0	6.0
	FORCED AIR TO FURNACE S	6.0	6.0	6.0	6.0	6.0	6.0
	F.O. TEMP. IN SETTLING TANKS P	95	100	110	110	105	105
	F.O. TEMP. IN SETTLING TANKS S	95	105	105	95	105	105
	PORT BOILER UPTAKE	350	345	340	350	360	345
	STBD. BOILER UPTAKE	345	335	335	335	350	335
PRESSURES	F. O. BACK PRESSURE	12/12	10/11	12/12	10/10	10/11	12/12
	MAIN STEAM	440	440	440	440	440	440
	F.O. TO BURNERS	200/200	200/190	200/200	200/200	250/250	250/250
MISCELLANEOUS	MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
	ENGINE ROOM TEMPERATURE	68	72	73	70	71	68
	FIRE ROOM TEMPERATURE	66	72	73	70	71	68
	NOZZLES IN USE	18	18	18	18	18	18
	NO. OF BURNERS IN USE P	3	3	3	3	3	3
	NO. OF BURNERS IN USE S	3	3	3	3	3	3
	BURNER TIP SIZE P	53/70	53/70	53/70	53/70	53/70	53/70
	BURNER TIP SIZE S	53/70	53/70	53/70	53/70	53/70	53/70
	CO_2 % PORT BOILER					14 1/2 %	
	CO_2 % STBD. BOILER					14 3/4 %	
	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	695	9	120	110		62	1000	950	235
	2	1200	440	695	7	124	110		62	1000	950	235
1600 TO 2000	1	1200	440	705	9	120	110		61	1050	1100	235
	2	1200	440	705	7	124	112		63	750	800	
2000 TO 2400	1	1200	440	695	9	120	110		62	950	900	235
	2	1200	440	695	9	124	112		62	950	900	235
2400 TO 0400	1	1200	440	685	9	120	110		62	900	900	235
	2	1200	440	685	7	125	110		62	900	850	235
0400 TO 0800	1	1200	440	680	9	120	110		61	1000	1050	235
	2	1200	440	680	7	124	110		63	750	800	235
0800 TO 1200	1	1200	440	690	9	120	110		62	1000	900	235
	2	1200	440	690	7	124	110		62	1000	900	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11323100
	METER PREVIOUS NOON	11306560
	CONSUMED BY METER	16540
	ON HAND AT START OF DAY	6522
	RECEIVED DURING DAY	-0-
	EXPENDED DURING DAY	728
	REMAINING ON BOARD	5794
DOMESTIC WATER	ON HAND AT START OF DAY	1082
	EVAPORATED OR RECEIVED	85
	ON HAND	1082
	CONSUMED	85
BOILER WATER	ON HAND AT START OF DAY	262
	EVAPORATED OR RECEIVED	50
	ON HAND	270
	CONSUMED	42
LUBE OIL	ON HAND AT START OF DAY	2230
	RECEIVED	-0-
	ON HAND	2220
	CONSUMED	10
DIESEL OIL	ON HAND	1258
	ON HAND RECEIVED	1255
	CONSUMED	3

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

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	3 2/3	3 2/3	3 2/3	4

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%)	P.S. 12.9
DETENTION TIME	-0-	BBL FUEL/MI	1.47 1.69
TOTAL REVOLUTIONS AVG.	132740	WIND DIRECTION	330°
AVERAGE R.P.M.	96.1	STATE OF SEA	6' SWELLS
TOTAL MILES BY ENGINE	495	STATE OF WEATHER	45°
TOTAL MILES BY OBSERVATION	431		

REMARKS

1200-1600 WATCH

UNderway on 18 NOZZ. Mach. Inspection 1&2 Boilers. 1&2 F.O. Blowers. 1&2 F.O. pumps. 1&2 MN. F.O. pumps. MN. Air Ejector MN Circ & Cond pumps. MN Air Compressor. L.O. purifier L.O. pump. 1&2 Aux Generators. Aux Air Ejector Circ & Cond pumps. Over to Main. Elect. F.W. pump. Stbd Steering Gear. Daily test of Hand Thrott. Pumped up port settlers from #7 P/S & D.T.S. Fire drill @ 1305. Sec @ 1334. Boat drill @ 1321. Sec @ 1324. Stby @ 1306. H.T. @ 1331. Tested Relief valve on Fire main set 125# PSI. Add'd 2 GALS L.O. to 1&2 MN F.O. pumps. Checked steering Er. Gear. Pumped Bilges. Complied with Comsts 4700.7. Made Routine Rounds on Mach. & Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before, 1550 to 1610 blew tubes on #1 & 2 boilers. Changed bottom burner in #1 & top & bottom in #2 boiler. Shifted F.O. disch strainer to P/S boilers. Sun set 1737 W.T.D. Closed by bridge. # top burner in #2 boiler not operating properly. notified 1st P/E. Checked all operating Mach. & Eng. spaces.

WATCH ENGR'S SIGNATURE- H.M. Jones

2000-2400 WATCH

Underway, Steaming 18 knots. Clean & change burners #1&2 Boilers, Shift & Clean F.O. Disch strainers P&S, Shift & Clean L.O. strainers #1&2 turbo generators.

Made Rounds & Insp of Mach & Eng spaces. @ 2300 advanced Ships Clock 20 Minutes, Comp with Comsts 4700-7.

WATCH ENGR'S SIGNATURE- R. Summers

2400-0400 WATCH

UNderway on 18 NOZZ Mach as before. Changed & Cleaned Center F.O. burners & P/S disch strainers. Daily test of Stby L.O. pump. Advanced Clocks 20 mins @ 0100. Inspected & Cleaned Main L.O. disch strainer. Pumped up port settlers. From #7 P/S & C.T.S. added 2 GALS L.O. to #1&2 Main F.O. pumps. Check Steering Er. Gear. Pumped Bilges. Complied with Comsts 4700.7. Made Routine Rounds on Mach & Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before. Changed bottom burner on #1&2 boilers. Shifted main L.O. disch. strainer. Shifted F.O. sect. & disch. strainers to #1&2 boilers. 0440 Advanced Clocks (20 min.). 0637 Sun rise. W.T.D. opened P/S. Checked all Mach. & Eng. spaces. Pumped Eng. bilges & Cargoholds.

WATCH ENGR'S SIGNATURE- H.M. Jones

0800-1200 WATCH

Underway, Steaming 18 knots. 0800 to 083. Blew tubes on #1&2 Boilers, 0835 to 0850. Ships Captain & Chief Engr. in the Engine room, cleaned & changed burners #1&2 Boilers, Shift & Clean F.O. Disch strainers, Shift & Clean L.O. strainers #1&2 turbo generators.

Made Rounds & Insp of Mach & Eng spaces, Comp with Comsts 4700-7.

WATCH ENGR'S SIGNATURE- R. Summers

CHIEF ENGINEER

BOILER WATER READ.

BOILER 659	DOP 2230
1110	993
1655	1285
373	531
50	35
10	10

CHIEF ENGR'S SIGNATURE- Craig E. Thomas

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope Thp. 112	7-H	Sasebo Japan	NSC Oakland Calif	P2-S2-R2	14-15-Mar 67

	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)	2514 5130	2516 8690	2519 0470	2521 2140	2523 3690	2525 6550
TOTAL REVOLUTIONS (FOR WATCH)	23550	23560	21780	21670	21550	22860
AVERAGE RPM	98.1	98.2	99.0	98.5	98.0	95.2
F.O. METER (END OF WATCH)	1132 6170	1134 8490	1133 1720	1133 4320	1133 6910	1133 9200
F.O. CONSUMED	3070	2320	3230	2600	2590	2790
MACHINERY PARTICULARS — PRESSURES — THROTTLE	440	440	440	440	440	425
H.P. AHEAD	440	440	440	440	440	425
L.P. AHEAD	22	22	22	22	22	22
VACUUM	28.6	28.7	28.5	28.6	28.6	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	.5	.5	.5	.5	.5	.5
H.P. BLEEDER	62	62	62	62	62	62
I.P. BLEEDER	6	6	6	6	6	6
L.P. BLEEDER	10	10	10	10	10	10
TEMPERATURES — STEAM AT THROTTLE	690	710	705	700	700	705
L. P. EXHAUST	92	90	90	90	90	90
CONDENSATE	82	81	82	82	81	82
CIRC. WATER IN	56	58	56	56	58	56
CIRC. WATER OUT	70	68	68	68	68	70
L.O. TO COOLERS	129	129	129	129	129	128
L.O. FROM COOLERS	110	110	110	110	110	110
TEMPERATURE THRUST BEARING	120	120	119	119	120	119
FORWARD H.P. ROTOR BEARING	120	125	124	124	125	120
AFT. H.P. ROTOR BEARING	136	138	136	137	138	135
FORWARD L.P. ROTOR BEARING	132	135	131	134	135	133
AFT. L.P. ROTOR BEARING	127	128	128	126	128	127

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD		155	158	157	156	155	154
HOTTEST GEAR BEARING AFT		144	148	145	145	145	144
AUX. COND. CONDENSATE		90 150		90	90		88
1ST STAGE FEED WATER HEATER		152	148	148	150	148	150
D. C. FEED WATER HEATER		240	238	238	240	238	238
3RD STAGE FEED WATER HEATER		Rotor [illegible]					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT	P	620	650	660	620	660	660
	S	620	630	630	610	680	670
F.O. TO BURNERS		190/190	185/190	190/190	190/190	190/200	190/190
PRESSURE AIR TO FURNACE	P	6.0	6.0	6.0	6.0	6.0	6.0
	S	6.0	7.2	6.0	6.0	7.0	6.0
F.O. TEMP. IN SETTLING TANKS	P	110	105	105	100	100	100
	S	110	105	105	105	100	105
PORT BOILER UPTAKE		350	340	355	355	370	350
STBD. BOILER UPTAKE		345	335	345	350	360	340
PRESSURES — F. O. BACK PRESSURE		12/12	11/11	12/12	10/10	12/13	12/12
MAIN STEAM		440	440	440	440	440	440
F.O. TO BURNERS		240/240	240/240	220/220	220/220	200/240	210/220
MISCELLANEOUS — MAIN COND. SALINITY		.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE		80	82	84	84	76	72
FIRE ROOM TEMPERATURE		80	82	84	84	76	72
NOZZLES IN USE		18	18	18	18	18	18
NO. OF BURNERS IN USE	P	3	3	3	3	3	3
	S	3	3	3	3	3	3
BURNER TIP SIZE	P	53/70	53/70	53/70	53/70	53/70	53/70
	S	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER						14 3/4 %	
CO_2 % STBD. BOILER						14 3/4 %	
OIL LEVEL MAIN SUMP		1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	440	690	7	120	110		63	850	800	235
	2	1200	440	690	7	125	110		62	950	950	235
1600 TO 2000	1	1200	440		9	120	110		61	1000	1000	235
	2	1200	440		7	126	114		63	750	800	235
2000 TO 2400	1	1200	440		9	120	110		62	900	800	235
	2	1200	440		7	126	112		62	900	800	235
2400 TO 0400	1	1200	440		9	120	110		62	900	850	235
	2	1200	440		7	125	112		62	850	900	235
0400 TO 0800	1	1200	440		9	120	110		61	1100	1100	235
	2	1200	440		7	124	112		63	700	750	235
0800 TO 1200	1	1200	440		9	120	110		62	950	900	235
	2	1200	440		7	124	112		62	950	900	235

FUEL - WATER AND LUBE OIL

FUEL OIL — METER AT NOON		11339200
FUEL OIL — METER PREVIOUS NOON		11323100
FUEL OIL — CONSUMED BY METER		16,600
FUEL OIL — ON HAND AT START OF DAY		6,794
FUEL OIL — RECEIVED DURING DAY		-0-
FUEL OIL — EXPENDED DURING DAY		703
FUEL OIL — REMAINING ON BOARD		6,091
DOMESTIC WATER — ON HAND AT START OF DAY		1082
DOMESTIC WATER — EVAPORATED OR RECEIVED		36
DOMESTIC WATER — ON HAND		1070
DOMESTIC WATER — CONSUMED		48
BOILER WATER — ON HAND AT START OF DAY		270
BOILER WATER — EVAPORATED OR RECEIVED		41
BOILER WATER — ON HAND		266
BOILER WATER — CONSUMED		45
LUBE OIL — ON HAND AT START OF DAY		2220
LUBE OIL — RECEIVED		-0-
LUBE OIL — ON HAND		2210
LUBE OIL — CONSUMED		10
DIESEL OIL — ON HAND		1255
DIESEL OIL — RECEIVED		1252
DIESEL OIL — CONSUMED		3

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

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	3 2/3	3 2/3	3 2/3	4

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%)	Pos. 13.68
DETENTION TIME	-0-	BBL FUEL/MI	1.42 1.63
TOTAL REVOLUTIONS	133325	WIND DIRECTION	184°
AVERAGE R.P.M.	96.6	STATE OF SEA	Rough
TOTAL MILES BY ENGINE	497	STATE OF WEATHER	52°
TOTAL MILES BY OBSERVATION	429		

REMARKS

1200-1600 WATCH

Underway on 18 Nozz Mach in operation 1+2 Boilers 1+2 F.D. Blowers 1+2 F.O.S. pumps 1+2 Mn F.D. pumps. Main air Ejector Mn C.R.C. + Cond pumps. L.O. purifier L.O.S. pump 1+2 Aux Generators. Aux air Ejector. C.R.C. + Cond pumps over to Main Elect. F.W. pump. Main air Compressor. Stbd Steering Gear. Daily test of Aftend Thrust. Pumped up Port Settlers from #7 & kept tk. Changed + Cleaned Center F.O. burners + P/S disch. Strainers. Checked Steering E.R. Gear. Pumped Bilges. Added 2 Gals L.O. to 1+2 Main Feed pumps Complied with Comsts 4700.7 Made Routine Rounds on Mach + Eng's Spaces.

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 P/S boiler. Shifted F.O. disch. strainer to P/S boiler 1811 Sun set. W.T.D. Closed P/S. Checked all operating mach. + Eng. spaces. Pumped out Cargo holds + Evap. bilges.

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 P+S, Shift + clean L.O. strainers #1+2 turbo Gen. advanced Ships Clock 20 Minutes at 2300. Made Rounds + Insp of Mach. and Eng spaces, @ 2200 shift F.O. suct to outboard settler. add 1 gal L.O. to #1 feed pump add 2 gal L.O. to #2 feed pump. Comp with Comsts 4700-7

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH

Underway on 18 Nozz Mach as Before Changed + Cleaned Center F.O. burners P/S disch Strainers. Daily test of stby L.O. pump. Advanced Clocks 20 mins @ 0100. Inspected + Cleaned Main L.O. disch strainers. Checked Steering E.R. Gear. Pumped Cargo holds Bilges Added 2 Gals L.O. to #1+2 Mn F.D. pumps. Pumped up Port Settlers From #7 & #5 kept. Complied with Comsts 4700.7 Made Routine Rounds on Mach + Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before. 0530 advanced Clocks (20 min). Changed bottom burner in #1+2 boilers. Shifted main L.O. disch. strainer. Shifted F.O. Suct. + disch. strainers to #1+2 boilers. 0649 Sun rise. W.T.D. opened B/S. Checked all operating mach. + Eng. spaces. Pumped Cargo holds + Evap. bilges.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH

underway, Steaming 18 Nozz, 0800 to 0830 Blew tubes #1+2 Boilers, cleaned + Changed top burners #1+2 Boilers, Shift + Clean F.O. Disch strainers P+S. Shift + Clean L.O. Strainers #1+2 Generators. @ 0804 Stby. Red Visibility. @0830 - pumping Ballast from #4 P+S, Made Rounds + Insp of Mach + Eng spaces, Comp with Comsts 4700-7.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER WATER READING:

STB'D	PORT
HOURS 683	HOURS 2254
AKL 1110	AKL 876
T-AKL 1518	T-AKL 1343
SAL. 414	SAL. 414
PHOS 37	PHOS. 35
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN R. PIPE THOMAS	7-H	SASEBO JAPAN	NSC OAKLAND CALIF	P2-S2-R2	15-16 MAR 67

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	240	240		
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	2527 2740	2530 0940	2532 3360	2534 5860	2536 3720	
TOTAL REVOLUTIONS (FOR WATCH)	22190	22200	22420	22500	17860	
AVERAGE RPM	92.5	92.5	93.4	93.8	74.4	
F.O. METER (END OF WATCH)	1134 2500	1134 5040	1134 7690	1135 0420	1135 2890	1135 4920
F.O. CONSUMED	2800	2540	2650	2730	2470	2030
MACHINERY PARTICULARS — PRESSURES — THROTTLE	430	440	430	430	130	
H.P. AHEAD	430	440	430	430	120	
L.P. AHEAD	23	23	23	23		
VACUUM	28.6"	28.6	28.6	28.8	29"	
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	1.0	.5	.5	.5	5.6	
H.P. BLEEDER	62	62	62	62	62	
I.P. BLEEDER	6	6	6	6	6	
L.P. BLEEDER	10	10	10	10	9	
TEMPERATURES — STEAM AT THROTTLE	710	715	710	700	580	
L. P. EXHAUST	90	88	89	87	76	
CONDENSATE	86	78	83	78	64	
CIRC. WATER IN	56	56	56	56	54	
CIRC. WATER OUT	68	66	68	66	58	
L.O. TO COOLERS	128	128	128	127	121	
L.O. FROM COOLERS	110	110	110	110	110	
TEMPERATURE THRUST BEARING	120	120	119	120	115	
FORWARD H.P. ROTOR BEARING	125	123	124	124	115	
AFT. H.P. ROTOR BEARING	135	135	135	135	125	
FORWARD L.P. ROTOR BEARING	130	133	131	132	123	
AFT. L.P. ROTOR BEARING	127	128	128	127	123	

Maintenance Various

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD	155	155	156	155	123	
HOTTEST GEAR BEARING AFT	144	145	144	142	125	
AUX. COND. CONDENSATE	86		90	86	—	
1ST STAGE FEED WATER HEATER	150	146	148	148	86	
D. C. FEED WATER HEATER	246	238	238	246	240	
3RD ~~STAGE FEED~~ WATER ~~HEATER~~ (120PSIG) H.P.	050	—	—	—	—	
3RD ~~STAGE FEED~~ WATER ~~HEATER~~ L.P.	186					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P	655	660	680	650	630	
SUPER HEAT S	665	690	690	695	620	
F.O. TO BURNERS	190/190	200/190	190/190	190/190	190/190	
PRESSURE AIR TO FURNACE P	6.0	6.2	5.5	6.0	4.6	
PRESSURE AIR TO FURNACE S	6.0	6.2	5.5	6.0	4.0	
F.O. TEMP. IN SETTLING TANKS P	115	110	105	110	105	
F.O. TEMP. IN SETTLING TANKS S	105	110	105	110	110	
PORT BOILER UPTAKE	350	345	345	350	366	
STBD. BOILER UPTAKE	335	340	345	335	325	
PRESSURES — F. O. BACK PRESSURE	15/10	12/12	12/12	15/14	15	
MAIN STEAM	430	440	440	430	430	
F.O. TO BURNERS	200/200	200/190	190/190	200/190	120/120	
MISCELLANEOUS — MAIN COND. SALINITY	.41	.41	.41	.41	.41	
ENGINE ROOM TEMPERATURE	72	70	72	71	71	
FIRE ROOM TEMPERATURE	72	70	72	71	71	
NOZZLES IN USE	18	18	18	18	—	
NO. OF BURNERS IN USE P	3	3	3	3	1	
NO. OF BURNERS IN USE S	3	3	3	3	1	
BURNER TIP SIZE P	53/70	53/70	53/70	53/70	53/70	
BURNER TIP SIZE S	53/70	53/70	53/70	53/70	53/70	
CO_2 % PORT BOILER					15%	
CO_2 % STBD. BOILER					15%	
OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"	1'2"	1'2"	

Maintenance Various

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	710	9	120	110		62	900	900	235
	2	1200	430	710	7	125	112		62	1000	100	235
1600 TO 2000	1	1200	440	715	9	120	110		61	1100	1100	235
	2	1200	440	715	7	126	112		63	950	800	235
2000 TO 2400	1	1200	440	710	9	120	110		62	900	900	235
	2	1200	440	710	7	126	112		62	900	800	235
2400 TO 0400	1	1200	430	700	9	119	100		62	900	850	235
	2	1200	430	700	7	125	112		62	850	850	235
0400 TO 0800	1	1200	430	580	9	118	108		62	1100	1100	235
	2	1200	430	580	7	122	110		62	950	950	235
0800 TO 1200	1											
	2											

Various

FUEL - WATER AND LUBE OIL

FUEL OIL — METER AT NOON	1136920	
FUEL OIL — METER PREVIOUS NOON	1133700	
FUEL OIL — CONSUMED BY METER	15,220	
FUEL OIL — ON HAND AT START OF DAY	5,091	
FUEL OIL — RECEIVED DURING DAY	-0-	
FUEL OIL — EXPENDED DURING DAY	491	
FUEL OIL — REMAINING ON BOARD	4,600	
DOMESTIC WATER — ON HAND AT START OF DAY	1070	
DOMESTIC WATER — EVAPORATED OR RECEIVED	-0-	
DOMESTIC WATER — ON HAND	1000	
DOMESTIC WATER — CONSUMED	70	
BOILER WATER — ON HAND AT START OF DAY	266	
BOILER WATER — EVAPORATED OR RECEIVED	45	
BOILER WATER — ON HAND	269	
BOILER WATER — CONSUMED	42	
LUBE OIL — ON HAND AT START OF DAY	2210	
LUBE OIL — RECEIVED	-0-	
LUBE OIL — ON HAND	2200	
LUBE OIL — CONSUMED	10	
DIESEL OIL — ON HAND	1252	
DIESEL OIL — RECEIVED	1250	
DIESEL OIL — CONSUMED	0	

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

4 4 4

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH

Underway on 18 Nozz & Stby. Mach Inoperation 1&2 Boilers. 1&2 F.D. Blowers. 1&2 F.O.S. Pumps 1&2 Main Feed Pumps Main Air Ejector. Main Circ & Cond Pumps. L.O. Purifier L.O.S. Pump 1&2 Aux Generators. Aux Air Ejector. Circ & Cond. Pumps ~~over~~ to Main. Main Air Compressor. Stbd Steering Gear. Elect F.W. pump. Daily test of Ahead Throt. Changed & Cleaned Center F.O. burners & P/S disch. strainers. Checked Steering E.R. Gear. Added 2 Gals L.O. to #1&2 Main Feed Pumps. Secured discharging Ballast @ 1100. Started pumping up Port settlers from #5 Deep @ 1550. Complied Comsts 4700-7. Made Routine Rounds on Mach & Eng Spaces.

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 F.O. disch. strainer to #1 & 2 boilers. Pumped up inboard settler from #5 D.T. Sun Set @ 1836 W.T.D. Closed P/S. Pumped Cargo holds & Evap. bilges.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH

Underway, Steaming 18 Nozz - Stby @ 2130 HH Cleaned & Changed top burners #1 & 2 Boiler, Shift & clean F.O. Disch Strainers P & S. Shift & Clean L.O. Strainers #1 & 2 Generators, Made Rounds & Insp of Mach & Eng spaces, Comp with Comsts 4700-7

WATCH ENGR'S SIGNATURE- R. Summers

2400-0400 WATCH

Underway on 18 Nozz Mach as Before. Changed & Cleaned Center F.O. burners P/S disch. strainers. Daily test of Stby L.O. pump. Pumped up Port settlers from #5 D.T. Inspected & Cleaned Main L.O. disch. strainers. Checked Steering E.R. Gear. Pumped Bilges. Added 2 Gals L.O. to #1&2 Main Feed Pumps. Complied with Comsts 4700-7. Made Routine Rounds on Mach & Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before on 18 Nozz. 0430 Started Aux Circ. & Cond. Pumps, Cut in Aux air ejector & split Aux. Aux & Main units. Shifted & Cleaned F.O. disch & Suct. Strainers. Shifted Main L.O. disch. strainer. Pumped out bilges & Cargo holds. 0521 slowed to 76 R.P.M. (Phone) All other speed changes as per bell book. 0614 Stby. due to fog. 0625 Sun rise. Secured operating Mach & Eng. Spaces.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH

Arriving San Francisco. Maneuvering bells as per bell book. @ 1100 Engaged locking gear @ 1105 Secured #2 Boiler. Prepare Vac on Main unit. Made Rounds & Insp of Mach & Eng spaces. Comp with Comsts 4700-7.

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

		arr. 0800	TWE 1049
BOILER WATER READING		ctr - 25364780	ctr 25371322
STBD	PORT	P.tom - ~~7379600~~ 7378820	P.tom 7379600
ECHO 707	HOURS 2278	S.tom - ~~397 4990~~ 3974300	S.tom 3974990
AKL 993	AKL 876		
T-AKL 1460	T-AKL 1343		
SAL. 4/4	SAL. 4/4		
PHOS. 52	PHOS. 35		
R.ph 10	R.ph 45		

CHIEF ENGR'S SIGNATURE-

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110		NSC-Oakland		P-2G	3-16-17-1961

	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)	1135 5510	1135 5710	1135 5980	1135 7020	1135 7460	1135 7930
F.O. CONSUMED	590	200	470	440	440	470
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	190	180	168	155	148	120
CONDENSATE	88	84	83	80	80	80
CIRC. WATER IN	55	58	58	56	55	55
CIRC. WATER OUT	~~112~~	56	56	56	56	56
L.O. TO COOLERS	112	112	108	110	110	110
L.O. FROM COOLERS	108	108	108	108	108	108
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D): HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE	110	110	108	88	80	80
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER	240	238	238	238	238	238
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES: SUPER HEAT P						
SUPER HEAT S	630	630	620	630	630	–
F.O. TO BURNERS	190	190	180	190	190	180
AIR TO FURNACE P						
AIR TO FURNACE S	2	2	2	2	2	2.0
F.O. TEMP. IN SETTLING TANKS P	110	100	100	110	100	100
F.O. TEMP. IN SETTLING TANKS S	110	110	105	105	100	105
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE	305	310	295	300	300	290
BOILER PARTICULARS – PRESSURES: F. O. BACK PRESSURE	12					
MAIN STEAM	440	440	440	440	440	440
F.O. TO BURNERS	180	180	180	180	180	125
MISCELLANEOUS: MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	72	[illegible]	78	72	71	76
FIRE ROOM TEMPERATURE	72	71	76	72	71	76
NOZZLES IN USE						–
NO. OF BURNERS IN USE P						—
NO. OF BURNERS IN USE S	2	2	2	2	2	2
BURNER TIP SIZE P						
BURNER TIP SIZE S	53/60 53/70	53 53	53 53	53/60 53/70	53/60 53/70	53/60-70
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	440		9	120	110		62	1000	900	235
	2	1200	440		7	125	110		62	1100	1000	235
1600 TO 2000	1	1200	440		9	120	110		62	1000	1000	235
	2	1200	440		7	124	112		63	1000	1000	235
2000 TO 2400	1	1200	440		9	120	110		61	800	1000	235
	2	1200	440		7	124	110		63	1000	1000	235
2400 TO 0400	1	1200	440		9	120	110		62	900	950	235
	2	1200	440		7	125	110		62	900	950	235
0400 TO 0800	1	1200	440		9	120	110		62	950	950	235
	2	1200	440		7	124	110		62	950	950	235
0800 TO 1200	1	1200	440		9	120	110		62	950	950	235
	2	1200	440		7	124	110		62	950	950	235

FUEL - WATER AND LUBE OIL

FUEL OIL: METER AT NOON	11357930	BOILER WATER: ON HAND AT START OF DAY	268
FUEL OIL: METER PREVIOUS NOON	11354920	BOILER WATER: EVAPORATED OR RECEIVED	-0-
FUEL OIL: CONSUMED BY METER	3010	BOILER WATER: ON HAND	230
FUEL OIL: ON HAND AT START OF DAY	7,600	BOILER WATER: CONSUMED	39
FUEL OIL: RECEIVED DURING DAY	-0-	LUBE OIL: ON HAND AT START OF DAY	2200
FUEL OIL: EXPENDED DURING DAY	71	LUBE OIL: RECEIVED	-0-
FUEL OIL: REMAINING ON BOARD	4,529	LUBE OIL: ON HAND	2190
DOMESTIC WATER: ON HAND AT START OF DAY	1000	LUBE OIL: CONSUMED	10
DOMESTIC WATER: EVAPORATED OR RECEIVED	~~600~~	DIESEL OIL: ON HAND	12650
DOMESTIC WATER: ON HAND	940	DIESEL OIL: RECEIVED	1248
DOMESTIC WATER: CONSUMED	60	DIESEL OIL: CONSUMED	2

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

1½ Sec. @1430

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		PROPELLER 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. NSC-Oapland. Mach in operation #1 & 2 Generators. #1 Main Cond pump #1 Aux Circulator, #1 Boiler #1 Fuel pump #1 F.O. Service pump #1 F.O. Blower, #1 Main air Comp, @ 1430 Secured #1 Evaporator, Lt off Make up Evap. Jacking Gear Engaged. Main Circulator Running,

Oiler Stallworth, 7th Higbee. Refer ~~Oil~~ Allen. WATCH ENGR'S SIGNATURE- R Summers.
1600-2000 WATCH
Port watch NSC machinery In operation as before. Cleaned + Changed F.O. Strainers + Bilge strainer. Pumped Bilges

Oiler-QUEEN 7th Higbee WATCH ENGR'S SIGNATURE- E. Howard
2000-2400 WATCH
Port watch machinery In operation as before. Pumped Bilges, vented Port Boiler stbd Drum.

Oiler QUEEN 7th watch WATCH ENGR'S SIGNATURE- E. Howard
2400-0400 WATCH
In Port watch Mach as before, 0030 Secured Make up Evap, 0045 Shift F.O. settler to outboard suct, Made Rounds + Insp of Mach + Eng spaces: bilges at safe level.

Oiler Stallworth 7th Butler Refer, Allen WATCH ENGR'S SIGNATURE- R Summers
0400-0800 WATCH
In port watch, Mach in operation as before, Cleaned + Changed F.O. Strainers. Shift + Clean F.O. Disch strainers, bilges at safe level, Made Rounds + Insp of mach + Eng spaces
@ 0730. put #1 Fire pump on, Secured Stby Fire pump.

Oiler Stallworth 7th Butler Refer - Allen. WATCH ENGR'S SIGNATURE- R Summers.
0800-1200 WATCH
In Port watch, steaming as before. Checked operating Mach. Pumped Cargo holds. Made routine inspections of spaces

OILER-QUEEN Th. PIXLEY. WATCH ENGR'S SIGNATURE- Hm Jones
CHIEF ENGINEER

BOILER WATER READING

	PORT
[illegible] 731	HOURS S.C.
ALK 9.93	ALK
T-ALK 14.60	T-ALK
SAL. 4.14	SAL.
PHOS. 50	PHOS.
R.ph 11	R.ph

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Sen John Pope		NSC. OAKLAND		P2G.	3-17-18-67

	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)	1135 8366	1135 8740	1135 9220	1135 9670	1136 0010	1136 0415
F.O. CONSUMED	450	380	380	450	340	405
MACHINERY PARTICULARS — PRESSURES — THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
HIGH VACUUM						
L.O. TO TURBINES		28"	28"			
AUX. STEAM		150	150	150	150	150
BACK PRESSURE		9	9	9	9	9
GLAND STEAM		-				
H.P. BLEEDER		-				
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE						
L. P. EXHAUST		120	120			
CONDENSATE		60	60	~~100~~ 60		
CIRC. WATER IN		58	58	60	60	60
CIRC. WATER OUT		60	60	62	62	62
L.O. TO COOLERS			-			
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE				109 80	100 90	100 90
1ST STAGE FEED WATER HEATER				115	100	105
O. C. FEED WATER HEATER		240	240	240	240	240
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P						
SUPER HEAT S		640	640	600	560	560
F.O. TO BURNERS		190	190	190	190	190
AIR TO FURNACE P						
AIR TO FURNACE S		1.0	1.0	1.0	1.0	1.0
F.O. TEMP. IN SETTLING TANKS P		95	95	85	85	85
F.O. TEMP. IN SETTLING TANKS S		105	105	85	85	85
PORT BOILER UPTAKE		325	~~325~~			
STBD. BOILER UPTAKE		325	325	280	285	285
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE		10	10	10	10	10
MAIN STEAM		440	440	440	440	440
F.O. TO BURNERS		190	190	190	190	190
MISCELLANEOUS — MAIN COND. SALINITY		.01	.01	.01	.01	.01
ENGINE ROOM TEMPERATURE		68	68	64	74	74
FIRE ROOM TEMPERATURE		68	68	64	74	74
NOZZLES IN USE						
NO. OF BURNERS IN USE P		1				
NO. OF BURNERS IN USE S		1	1	1	1	1
BURNER TIP SIZE P						
BURNER TIP SIZE S		53 70	53 70	53 70	53 70	53 70
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						
		12"	12"	12"	12"	12"

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	950	950	235
	2	1200	440		7	120	110		62	700	700	235
1600 TO 2000	1	1200	440		9	115	107		62	950	950	235
	2	1200	440		7	122	109		62	700	600	235
2000 TO 2400	1	1200	440		9	120	110		62	750	750	235
	2	1200	440		7	122	110		62	750	750	235
2400 TO 0400												
0400 TO 0800												
0800 TO 1200												

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1136 0400	BOILER WATER	ON HAND AT START OF DAY	230
	METER PREVIOUS NOON	1135 7930		EVAPORATED OR RECEIVED	-0-
	CONSUMED BY METER	2470		ON HAND	220
	ON HAND AT START OF DAY	4529		CONSUMED	10
	RECEIVED DURING DAY	458	LUBE OIL	ON HAND AT START OF DAY	2190
	EXPENDED DURING DAY	2,412		RECEIVED	-0-
	REMAINING ON BOARD	4,471		ON HAND	2185
DOMESTIC WATER	ON HAND AT START OF DAY	540		CONSUMED	5
	EVAPORATED OR RECEIVED	-0-	DIESEL OIL	ON HAND	1248
	ON HAND	900		RECEIVED	1245
	CONSUMED	40		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
-					

SUMMARY

RUNNING TIME		PROPELLER 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 Tied to Pier FOX CHEHALIS NSC. Mach in operation. #1 boiler #1 & 2 turbine gen. #1 Main Cond. Pump, Main & aux Circ Pumps #1 Sanitation Pump #1 Elect Fo Pump #1 feed & #1 Fo. Service Pumps. Air & Gas ejector, L.O. Purifier. Jacking Gear engaged & turning main gear with L.O. System in operation. @ 1400 secured J.J. - L.O. & Main Circ Pump. Secured L.O. Purifier

OLER-QUEEN, F/W PIXLEY WATCH ENGR'S SIGNATURE- E M Jones

1600-2000 WATCH

IN PORT WATCH MACH AS Before Changed & CLEANED stbd STRAINER ON #1 F.O. heater. Bilges at safe Level. Checked steering ER. Gen. Made Routine Rounds on Mach & Eng'g SPACES Complied with COMSTS W.C.T.

OLER Lovell F.W.T WATKINS Refer GINTOL WATCH ENGR'S SIGNATURE- George Lovell

2000-2400 WATCH

IN PORT WATCH Changed & CLEANED F.O. burners & stbd disch STRAINER. Pumped up port settling tank #6 L.T. Bilges at safe Level Made Routine Rounds on Mach & ENG'g SPACES

OLER Lovell F.W.T WATKINS Refer GINTOL WATCH ENGR'S SIGNATURE- George Lovell

2400-0400 WATCH

ROUTINE PORT WATCH

BILGES AT SAFE LEVEL

ROUTINE INSPECTIONS OF MAIN & AUX MACH SPACES MADE.

OLER STANDWORTH F.W.T BUTLER WATCH ENGR'S SIGNATURE- [illegible]

0400-0800 WATCH

CHECK MADE 2 GAL L.O TO FLEW PUMP.

ROUTINE INSPECTION OF MA. & AUX MACH SPACES MADE.

REGULAR INTERVAL

REC. RESULT OF SEA HEAT TO AIR COND. DETERMINED TO BE LEAKING ON PORT SIDE FAN ON HOSPITAL AREA.

OLER STANDWORTH F.W.T BUTLER WATCH ENGR'S SIGNATURE- [illegible]

0800-1200 WATCH

ROUTINE PORT WATCH

BILGES AT SAFE LEVEL

OLER QUEEN, F.W.T. PIXLEY, ENGNS WATCH ENGR'S SIGNATURE- [illegible]

CHIEF ENGINEER

BOILER WATER READING

PORT

755 PB Sal

7.93

14.66

4.14

50 PPM.

11 P ph

CHIEF ENGR'S SIGNATURE-

A 6025