Fwd. Engine Room

ENGINE ROOM LOG

GEARED TURBINE DRIVE

USNS Gen John Pope

FROM Oct 1 19 66 TO Oct 31 19 66

MSTS FORM 9410/1 (REV. 7-65)
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~~ AT	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAP-110	5-B	Qui Nhon VietNam		P2-S2-R2	10-1-66

	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)				9674 200	9674 760	9675 470
F.O. CONSUMED				620	560	710
MACHINERY PARTICULARS – PRESSURES – THROTTLE				–		
H.P. AHEAD				–		
L.P. AHEAD				–		
VACUUM				28	28	28
L.O. TO TURBINES				12	12	12
AUX. STEAM				140	140	140
BACK PRESSURE				9	9	9
GLAND STEAM				7	7	7
H.P. BLEEDER				–		
I.P. BLEEDER				–		
L.P. BLEEDER				–		
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE				–		
L. P. EXHAUST				141	125	130
CONDENSATE				88	88	86
CIRC. WATER IN				85	85	85
CIRC. WATER OUT				85	86	84
L.O. TO COOLERS				110	110	112
L.O. FROM COOLERS				107	110	109
TEMPERATURE THRUST BEARING				–		
FORWARD H.P. ROTOR BEARING				–		
AFT. H.P. ROTOR BEARING				–		
FORWARD L.P. ROTOR BEARING				–		
AFT. L.P. ROTOR BEARING				–		

		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					88	88	86
1ST STAGE FEED WATER HEATER					200	100	100
D. C. FEED WATER HEATER					240	240	241
~~HOTTEST GEAR FEED WATER HEATER~~	HP						
	LP						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT	P					–	
	S				560	560	560
F.O. TO BURNERS					150	150	~~200~~ 150 W.P.G
AIR TO FURNACE	P						
	S						
F.O. TEMP. IN SETTLING TANKS	P	~~94~~			97	99	98
	S				99	97	98
PORT BOILER UPTAKE							
STBD. BOILER UPTAKE		~~HP 255~~			255	255	245
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE					10	10	
MAIN STEAM					460	46	460
F.O. TO BURNERS					200	200	200
MISCELLANEOUS – MAIN COND. SALINITY							
ENGINE ROOM TEMPERATURE					90	88	88
FIRE ROOM TEMPERATURE					90	88	88
NOZZLES IN USE					–	–	
NO. OF BURNERS IN USE	P						
	S				2	2	2
BURNER TIP SIZE	P						
	S				53/60	60 70	53/60
CO_2 % PORT BOILER							
CO_2 % STBD. BOILER						84%	
OIL LEVEL MAIN SUMP					1'	1'	1'

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600												
1600 TO 2000												
2000 TO 2400												
2400 TO 0400	1	1200	450	560	9	123	114		62	600	600	235
	2	1200	450	560	7	149	132		54	600	600	235
0400 TO 0800	1	1200	450	560	9	122	110		62	600	600	235
	2	1200	450	560	7	146	130		54	600	600	235
0800 TO 1200	1	1200	450	560	9	123	112		62	500	500	235
	2	1200	450	560	7	148	130		54	650	650	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	9675470	BOILER WATER – ON HAND AT START OF DAY	290
	METER PREVIOUS NOON	9671370	EVAPORATED OR RECEIVED	34
	CONSUMED BY METER	4100	ON HAND	286
	ON HAND AT START OF DAY	14,000	CONSUMED	38
	RECEIVED DURING DAY	– 0 –	LUBE OIL – ON HAND AT START OF DAY	2210
	EXPENDED DURING DAY	150	RECEIVED	– 0 –
	REMAINING ON BOARD	13,850	ON HAND	2190
DOMESTIC WATER	ON HAND AT START OF DAY	1040	CONSUMED	20
	EVAPORATED OR RECEIVED	166	DIESEL OIL – ON HAND	
	ON HAND	1054	RECEIVED	
	CONSUMED	152	CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

RUNNING TIME		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

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

AT ANCHOR ON Stby MAIN ENGINE ON JACKING GEAR. MACH INOPERATION #1 Boiler. 1 FD BLOWER 1 F.O.S. PUMP 1 MN. FD. PMP. MN AIR COMPRESSOR. MN + AUX AIR EJECTORS. MN + AUX CIRC PMPS. #2 MN + AUX COND PMPS. L.O. PURIFIER. 1 L.O.S PMP. AC. UNIT. 1+2 AUX GENERATORS. FIRE + SAN PUMP. Stbd STEERING GEAR. Topped off port outbd SETTLER FROM #2 P & WB Fo tk. Bilges At Safe Level. INSPected + CLEANED L.O. STRAINERS ON #1+2 AUX GENERATORS. Checked STEERING ER GEAR. Made ROUTINE INSPections of Mach + ENG'S SPACES.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

At Anchor QUI NHON VIET NAM. steaming on #1 boiler. Documen upon main unit J.G. engaged + main oil system in operation. on Stby Condition. Skimed and Cleaned F.O. strainer, suction side. Checked outside hull, spaces. Carried out routine watch and inspections of all machinery.

Jr Eng Puckett, oiler Neville, F/W Peck.
Cert. test. 41 C.P.C.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH

AT ANCHOR AS BEFORE, JACKING GEAR ENGAGED 10 MIN STBY TO GET UNDER WAY, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE, STRUCK DOWN LUBE OIL TO SUMP TANK, PUMPED BILGES TO SAFE LEVEL, PUMPED 3+4 P+S HOLDS, CLEANED BOTTOM ATOMIZER STBD BLR, CLEANED PORT FUEL OIL DISCH STRAINER,

Cert. 41 CPC.

WATCH ENGR'S SIGNATURE- Clemons.

CHIEF ENGINEER

	(FS)	(WS) - (FS)
I	3114	2678 - 566
A	8.18	6.42
T	12.85	12.26
S.H.	4.14	3.31
H	.40	.50
R.ph	R.ph	

50³-52 - 50³-50

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

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAP-110	5-B	~~FROM~~ AT CAM NHAN VIETNAM		P2-S2-R2	10-1-2-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	–	1215 5760	96	240	150	
DETENTION TIME	–		2224			
REVOLUTION COUNTER (END OF WATCH)	–		1215 9860	1217 3000	1218 6410	
TOTAL REVOLUTIONS (FOR WATCH)	–		6100	13140	7410	
AVERAGE RPM	–		63.5	54.8	49.4	
F.O. METER (END OF WATCH)	9676 260	9677 180	9678 930	9680 310	9681 210	9683 360
F.O. CONSUMED	790	920	1750	1380	900	2150
MACHINERY PARTICULARS – PRESSURES: THROTTLE	–		460	460	460	
H.P. AHEAD	–		265	180	150	
L.P. AHEAD	–					
VACUUM	28	28	28"	28"	28"	28.7"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	135	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	5	5	6	5	5	5
H.P. BLEEDER	–	–	63		65	
I.P. BLEEDER	–	–		–	–	
L.P. BLEEDER	–	–	23"	25"	—	23
MACHINERY PARTICULARS – TEMPERATURES: STEAM AT THROTTLE	–	–	565	580	560	
L. P. EXHAUST	135	132	135	124	115	135
CONDENSATE	88	88	99	99	96	90
CIRC. WATER IN	85	85	85	85	86	85
CIRC. WATER OUT	85	85	91	89	89	86
L.O. TO COOLERS	110	112	114	115	115	108
L.O. FROM COOLERS	107	109	108	107	107	106
TEMPERATURE THRUST BEARING	–		116	112	112	107
FORWARD H.P. ROTOR BEARING	–		115	125	125	116
AFT. H.P. ROTOR BEARING	–		123	122	122	120
FORWARD L.P. ROTOR BEARING	–		126	123	124	110
AFT. L.P. ROTOR BEARING	–		123	125	125	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		–		126	124	125	111
HOTTEST GEAR BEARING AFT		–		130	127	125	112
AUX. COND. CONDENSATE		88	88	99	99	94	90
1ST STAGE FEED WATER HEATER				152	128	120	104
D. C. FEED WATER HEATER		240	240	241	240	240	240
~~FEED WATER HEATER~~ HP 2.P.						+.25 +.090	
BOILER PARTICULARS – TEMPERATURES: SUPER HEAT	P			780	680	675	665
	S	570	570	590	590	575	560
F.O. TO BURNERS		150	150	150	150	150	150
PRESSURE AIR TO FURNACE	P		~~48~~	130	4.0	3.0	2.0
	S			124	3.0	2.8	2.0
F.O. TEMP. IN SETTLING TANKS	P	99	98	96	97	94	98
	S	100	98	96	102	102	98
PORT BOILER UPTAKE				275	245	240	241
STBD. BOILER UPTAKE		270	270	290	270	265	250
BOILER PARTICULARS – PRESSURES: F. O. BACK PRESSURE		15	12	15	15	12	12
MAIN STEAM		450	450	460	460	460	455
F.O. TO BURNERS		190	200	150	200	200	150
MISCELLANEOUS: MAIN COND. SALINITY		.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE		89	88	88	90	90	89
FIRE ROOM TEMPERATURE		89	88	88	90	90	89
NOZZLES IN USE		–	–	–	THROTTLE	–	–
NO. OF BURNERS IN USE	P	1		2	2	4	1
	S	2	~~1~~ 2	2	2		1
BURNER TIP SIZE	P	60/60	~~60~~	53/70	60-60 53-70	60-60 53-70	53/70
	S	53/70	53/70	53/70	60-60 53-70	60-60 53-70	53/70
CO_2 % PORT BOILER						84%	
CO_2 % STBD. BOILER						84%	
OIL LEVEL MAIN SUMP		1'	1'	1Ft	1'	1'	1'

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	450		9	123	113		62	600	600	235
	2	1200	450		7	149	131		54	600	600	235
1600 TO 2000	1	1200	450		9	122	113		62	600	600	235
	2	1200	450		7	148	132		54	600	600	235
2000 TO 2400	1	1200	460		9	121	110		62	500	500	235
	2	1200	460		7	148	130		54	600	600	235
2400 TO 0400	1	1200	460		9	123	114		62	600	600	235
	2	1200	460		7	151	136		54	600	600	235
0400 TO 0800	1	1200	460		9	120	112		62	500	500	235
	2	1200	460		7	150	134		54	500	500	235
0800 TO 1200	1	1200	450		9	121	112		62	600	600	235
	2	1200	450		7	148	132		54	600	600	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	9683360	BOILER WATER: ON HAND AT START OF DAY	286
	METER PREVIOUS NOON	9675470	EVAPORATED OR RECEIVED	32
	CONSUMED BY METER	7890	ON HAND	270
	ON HAND AT START OF DAY	13850	CONSUMED	48
	RECEIVED DURING DAY	–0–	LUBE OIL: ON HAND AT START OF DAY	2190
	EXPENDED DURING DAY	280	RECEIVED	–0–
	REMAINING ON BOARD	13570	ON HAND	2170
DOMESTIC WATER	ON HAND AT START OF DAY	1054	CONSUMED	20
	EVAPORATED OR RECEIVED	163	DIESEL OIL: ON HAND	
	ON HAND	957	RECEIVED	
	CONSUMED	260	CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

RUNNING TIME		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

AT ANCHOR ON Stby Mach INoperation #1 Boiler 1 F.P. Blower 1 F.O.S. PMP 1 MN F.W. PMP. MN. & AUX AIR Ejectors. MN. & AUX Circ PMPS. #2 MN & AUX Cond. PMPS. L.O. PURIFIER. L.C.S. PMP. MAIN AIR COMPRESSOR. 1 & 2 AUX GENERATORS. FIRE & SAN PUMP. Stbd Steering GEAR. PUMPED Bilges to safe Level. A.C. UNIT W/AUXS. 1st Engr. Completed Repairs on #2 Boiler 150# Desuperheat VALVE @1400 Lit off #2 Boiler @1440 Checked Steering E.R. GEAR. Topped off port outbd settl. FROM #2 & AB F.O. TK. Made ROUTINE INSPECTIONS of MACH. & E.R. SPACES.

WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH

At Anchor on stby. operation with machinery in operation as previous watch. At 1650 secured fires on #2 boiler. At 1855 lit fires in the boiler. At 1925 brought #2 boiler in on aux. line. Carried out standing orders. Checked all mach. to specs. Added 3 gal. oil to #2 main feed pump.

Jr Eng. Puckett. oiler Neville, F/W Peck.
Cond. test.

WATCH ENGR'S SIGNATURE- H M Jones.

2000-2400 WATCH

TESTED MAIN ENGINE @ 2000 HOURS, TESTED TELEGRAPH & TIME CHECK @ 2018. PUMPED bilges, ROUTINE INSPECTION OF MACH & SPACES. DEPT @ 2224 65 RPM.

Rem 0.41 GPG.

WATCH ENGR'S SIGNATURE- Clemmer

2400-0400 WATCH

UNDERWAY 65 R.P.M. MACHINERY INOPERATION AS BEFORE. Reduced SPEED to 60 RPM B/O of the Bridge @ 0019 PUMPED Bilges 55 RPM @ 0131 Changed & Cleaned Center FO BURNERS & Stbd disch STRAINER. Checked Steering E.R. GEAR. Topped off port outbd settler FROM #2 P/S D.B. F.O. tks. Adjusted & RUN L.O. Stby PUMP FOR 2 hrs. MADE ROUTINE INSPECTIONS of MACH & ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH

Steaming as before 55 RPM at 0405 changed speed to 50 RPM B/O Bridge. @ 0630 ARII. All bells on Pr. bell book. ARI. CTR. 12180410. FOM.P. 6505790. FOM.S 3177420. Checked all mach. & spaces. FWE. CTR. 12183240. FOM.P. 6504060. FOM.S. 3177670 Engaged J.G. at 0755. Main unit has vacuum oil system in operation on a stby condition

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH

ANCHORED 15 MIN STBY TO GET UNDERWAY, JACKING GEAR ENGAGED, P1 & 2 BLR MAIN STEAM STOP & MAIN LINE STOP CLOSED, OTHER MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEERING ENGINE, PUMPED FWD HOLDS, CLEANED ATOMIZERS OF CENTER BURNER, CARRIED OUT REGULAR WATCH ROUTINE,

Rem 0.41 GPG.

WATCH ENGR'S SIGNATURE- Clemmer

CHIEF ENGINEER

BOILER WA

U.S	STBD FS	WS	FS
988	I 3119	2702 - 584	
	528	7.01 - ~~(2702 - 584)~~	
	T 11.68	11.68	
	STL. 4.97	STL. 4.97	
	TRS. 35	TRS. 35	
	R.ph	R.ph	
503.46	503.50		

CHIEF ENGR'S SIGNATURE- Keith E.

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope Taylor	5-13	Nhan Trang, Viet Nam		P2-52-128	10-2-3-66

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		--		90	240	240	150 +20
DETENTION TIME				—			
REVOLUTION COUNTER (END OF WATCH)		—		1219 2670	1221 4980	1223 035	1225 0470
TOTAL REVOLUTIONS (FOR WATCH)		—		7720	22310	20050	15440
AVERAGE RPM		—		85.6	93.0	83.6	90.8
F.O. METER (END OF WATCH)		9685 070		9687 740	9690 770	9693 720	9696 330
F.O. CONSUMED		1710		2670	3030	2950	2610
MACHINERY PARTICULARS – PRESSURES	THROTTLE	—	450	450	450	450	—
	H.P. AHEAD	—		450	450	450	—
	L.P. AHEAD	—		22	25	24	
	VACUUM	28.4	28.4"	27	28	28"	27"
	L.O. TO TURBINES	12	12	12	12	12	12
	AUX. STEAM	140	140	140	140	135	140
	BACK PRESSURE	9	9	9	9	9	9
	GLAND STEAM	4.5	4.5	4	3.5	3.5	4
	H.P. BLEEDER	—	—	75	75	75	—
	I.P. BLEEDER	—	—	12*	—	—	—
	L.P. BLEEDER	—	—	12"	9	10	
MACHINERY PARTICULARS – TEMPERATURES	STEAM AT THROTTLE	—	—	680	680	680	
	L.P. EXHAUST	152	145	120	118	117	170
	CONDENSATE	90	88	98	118	114	114
	CIRC. WATER IN	85	85	86	86	86	86
	CIRC. WATER OUT	85	86	90	100	98	100
	L.O. TO COOLERS	109	112	112	124	124	124
	L.O. FROM COOLERS	105	110	109	108	109	109
	TEMPERATURE THRUST BEARING	—		112	117	115	116
	FORWARD H.P. ROTOR BEARING	—		120	130	130	131
	AFT. H.P. ROTOR BEARING	—		120	135	125	135
	FORWARD L.P. ROTOR BEARING	—		120	135	135	135
	AFT. L.P. ROTOR BEARING	—		128	137	135	143

		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	—		120	152	152	153
	HOTTEST GEAR BEARING AFT	—		120	150	150	142
	AUX. COND. CONDENSATE	90	88	98	118	114	114
	1ST STAGE FEED WATER HEATER	103	110	118	162	160	164
	D. C. FEED WATER HEATER	240	240	240	240	240	240
	[illegible] HP						
BOILER PARTICULARS – TEMPERATURES	SUPER HEAT P	655	655	660	745	745	
	SUPER HEAT S	545	645	650	645	640	
	F.O. TO BURNERS	150	150	150	150	150	
	PRESSURE AIR TO FURNACE P	4.0	3.8	4.0	6.5	6.0	
	PRESSURE AIR TO FURNACE S	2.5	1.8	4.0	8.5	9.0	2.0
	F.O. TEMP. IN SETTLING TANKS P	97	100	96	98	98	98
	F.O. TEMP. IN SETTLING TANKS S	93	96	96	91	95	98
	PORT BOILER UPTAKE	245	245	245	300	300	245
	STBD. BOILER UPTAKE	250	250	245	340	345	265
BOILER PARTICULARS – PRESSURES	F. O. BACK PRESSURE	15	15	15	15	15	15
	MAIN STEAM	460	460	460	460	460	460
	F.O. TO BURNERS	150	130	200	205	200	150
MISCELLANEOUS	MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
	ENGINE ROOM TEMPERATURE	92	92	90	92	94	96
	FIRE ROOM TEMPERATURE	92	92	90	92	94	96
	NOZZLES IN USE	—	—	16	16	16	—
	NO. OF BURNERS IN USE P	1	1	3	3	3	2
	NO. OF BURNERS IN USE S	1	1	3	3	3	
	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	53-60
	CO_2 % PORT BOILER					84%	
	CO_2 % STBD. BOILER					83%	
	OIL LEVEL MAIN SUMP	1'	1'	1'4"	1'4"	1'6"	1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	450	655	9	123	113		62	600	600	235
	2	1200	450	655	7	150	134		54	600	600	235
1600 TO 2000	1	1200	450	655	9	122	112		62	600	600	235
	2	1200	450	655	7	148	132		54	600	600	235
2000 TO 2400	1	1200	460	680	9	123	113		62	500	500	240
	2	1200	460	680	7	150	132		54	500	500	240
2400 TO 0400	1	1200	450		9	124	115		62	650	650	235
	2	1200	450		7	152	136		54	650	650	235
0400 TO 0800	1	1200	450	680	9	125	115		62	700	700	235
	2	1200	450	680	7	150	134		54	700	700	235
0800 TO 1200	1	1200	450	680	9	125	115		62	700	700	240
	2	1200	450	680	7	152	136		54	700	700	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	9696330	BOILER WATER	ON HAND AT START OF DAY	270
	METER PREVIOUS NOON	9683360		EVAPORATED OR RECEIVED	17
	CONSUMED BY METER	12970		ON HAND	260
	ON HAND AT START OF DAY	13,570		CONSUMED	27
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	2170
	EXPENDED DURING DAY	480		RECEIVED	-0-
	REMAINING ON BOARD	13,090		ON HAND	2150
DOMESTIC WATER	ON HAND AT START OF DAY	957		CONSUMED	20
	EVAPORATED OR RECEIVED	172	DIESEL OIL	ON HAND	
	ON HAND	1065		RECEIVED	
	CONSUMED	64		CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

RUNNING TIME		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

AT ANCHOR ON Stby. Mach. INOPERATION #1+2 Boilers 1+2 F.D. Blowers. 1+2 F.O.S. PMPS. 1+2 MN. F.D. PMPS. L.O. PURIFIER. L.O.S. PMP. MN+AUX Air Ejector. MN+AUX. CIRC PMPS. MN. AIR COMPRESSOR. #2 MN COND+AUX COND PMPS. 1+2 AUX GENERATORS. FIRE+SAN PUMP. A.C. UNIT W/AUXILIARY Stbd Steering GEAR. MAIN UNIT ON JACKING GEAR. Pumped ALL Bilges to SAFE Level. Shifted F.O. SUCT to Port INBD SETTLER @1215. Topped off Port SETT FROM #2 P/S DB Started Stby Lo. PUMP @1200 Secured Elect. Checked Steering F.D. GEAR. Started ELect L.O. PUMP + Secured Stby @1500. MADE Routine INSPECTIONS of Mach AND ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

At Anchor on Stby. Machinery in operation as before. Added 2 Gal. oil to Port feed Pump. Checked all machinery. Complied with standing orders. at 1930 Disengaged J.G. at 1935 opened main and bulkhead stops, started warming up Main Eng. with the throttle.

Jr Eng. Puckett. oiler Neville. F/w Peck.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH

UNDERWAY STEAMING ON 16 NOZZLES. DEPARTURE @ 2230. PUMPED bilges MADE INSPECTIONS OF MACH SPACES & MACH IN OPERATION. NORMAL STEAMING WATCH.

WATCH ENGR'S SIGNATURE- Clemons.

2400-0400 WATCH

UNDERWAY ON 16 NOZZ MACH AS Before #1 MAIN feed PUMP kicked out @ 2359. Reset SAME + back ON the LINE @ 0003. Topped off Port INBD Settler FROM #2 P/S DB F.O. TKS. CLEANED Stbd F.O. disch STRAINER. Pumped Bilges. Checked Steering F.D. GEAR. Made Routine INSPECTIONS of Mach + ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before on 16 nozzles. shifted and Cleaned F.O. Suct. strainer. Pumped out Cargo holes at 0620 Called Ch. Elect. out to work on Elevator B/S Ch. Engineer. regular watch and inspections of Mach. at 0735 #1 main feed blew a gasket. slowed speed

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH

AT ANCHOR. ON STANDBY. MAIN ENGINE ON JACKING GEAR. SECURED # 2 BOILER @ 1158. # 1-2 EVAP SECURED @ 1130. STEERING GEAR ON. PUMPED bilges, BELLS AS PER BELL BOOK

WATCH ENGR'S SIGNATURE- Clemons

CHIEF ENGINEER

BOILER [illegible]

STB'D (FS)	(WS) (FS)
(WS) 812 P[illegible] 3-3143 [illegible]	-2231 - 608
A[illegible] 9.34	[illegible] 11.68
T-[illegible] 14.60	[illegible] 15.18
S[illegible] 7.0	S[illegible] 3.73
P[illegible] .50	P[illegible] .45
R.ph	R.ph
503-54 - 503-55	

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAP-116	5-B	VONG TAU		P2-S2-R2	10-3-4-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	—	60	240	240	240	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	—	1225 9560	1227 9620	1230 1800	1232 3970	1234 6060
TOTAL REVOLUTIONS (FOR WATCH)	—		20060	22180	22170	22090
AVERAGE RPM	—		91.1	92.4	92.4	92.0
F.O. METER (END OF WATCH)	9697 080	9698 460	9701 190	9703 860	9706 520	9709 210
F.O. CONSUMED	750	1380	2730	2670	2660	2690
MACHINERY PARTICULARS — PRESSURES — THROTTLE	—	450	455	450	450	450
H.P. AHEAD	—	110	455	450	450	450
L.P. AHEAD	—	—	25	25	25	24
VACUUM	28"	26"	26.8"	27	27"	27"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	4.5	5.0	7	4.0	3.0	2.5
H.P. BLEEDER	—	—	75	75	75	75
I.P. BLEEDER	—	—	—	—	—	
L.P. BLEEDER	—	—	10"	9	10"	10"
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	—		720 ~~460~~	680	675	720
L. P. EXHAUST	129	185	120	114	115	115
CONDENSATE	91	92	117	112	110	114
CIRC. WATER IN	86	86	86	85	85	86
CIRC. WATER OUT	87	90	100	96	98	98
L.O. TO COOLERS	110	112	125	124	124	124
L.O. FROM COOLERS	107	110	110	108	108	109
TEMPERATURE THRUST BEARING	—	112	116	115	115	116
FORWARD H.P. ROTOR BEARING	—	115	129	128	125	130
AFT. H.P. ROTOR BEARING	—	116	135	135	135	135
FORWARD L.P. ROTOR BEARING	—	115	140	134	134	134
AFT. L.P. ROTOR BEARING	—	115	153	137	136	140

	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	—	116	155	152	152	154
HOTTEST GEAR BEARING AFT	—	116	146	150	150	146
AUX. COND. CONDENSATE	91	92	117	112	110	114
1ST STAGE FEED WATER HEATER	101	104	166	164	166	168
D. C. FEED WATER HEATER	240	240	240	240	240	241
~~FEED WATER HEATER~~ HP / LP						
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P		650	655	730	730	735
SUPER HEAT S	560	550	550	635	635	640
F.O. TO BURNERS	150	~~150~~ 150	150	150	150	150
PRESSURE AIR TO FURNACE P		5.8	6.0	6.0	6.8	6.0
AIR TO FURNACE S	~~7.0~~ 2.8	6.8	7.0	6.5	4.2	6.5
F.O. TEMP. IN SETTLING TANKS P	98	98	96	97	100	98
F.O. TEMP. IN SETTLING TANKS S	92	94	92	92	94	92
PORT BOILER UPTAKE		295	290	295	295	290
STBD. BOILER UPTAKE	235	310	295	290	290	295
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE	15	15	10	15	15	10
MAIN STEAM	460	460	460	460	460	460
F.O. TO BURNERS	190	210	200	190	190	170
MISCELLANEOUS — MAIN COND. SALINITY		.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	94	94	92	92	90	94
FIRE ROOM TEMPERATURE	94	94	92	92	90	94
NOZZLES IN USE	—	16	16	16	16	16
NO. OF BURNERS IN USE P		3	3	3	3	3
NO. OF BURNERS IN USE S	2	3	3	3	3	3
BURNER TIP SIZE P		53/70	53/70	53/70	53/70	53/70
BURNER TIP SIZE S	53/60	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER			12.0		83.5%	
CO_2 % STBD. BOILER			11.5		84%	
OIL LEVEL MAIN SUMP	1'4"	1'6"	1'6"	1'6"	1'6"	1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	450	560	9	125	115		62	600	600	235
	2	1200	450	560	7	152	137		54	600	600	235
1600 TO 2000	1	1200	450	660	9	122	112		62	600	600	235
	2	1200	450	660	7	150	134		54	600	600	235
2000 TO 2400	1	1200	450	720	9	122	112		62	600	600	235
	2	1200	450	720	7	150	134		54	600	600	235
2400 TO 0400	1	1200	450	680	9	124	115		62	650	650	235
	2	1200	450	680	7	152	137		54	650	651	235
0400 TO 0800	1	1200	450	675	9	122	112		62	700	700	235
	2	1200	450	675	7	150	136		54	700	700	235
0800 TO 1200	1	1200	~~450~~	690	9	125	115		62	600	600	235
	2	1200	450	690	7	~~155~~	136		54	600	600	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	9704210	BOILER WATER — ON HAND AT START OF DAY	260
	METER PREVIOUS NOON	9696330	EVAPORATED OR RECEIVED	20
	CONSUMED BY METER	12880	ON HAND	260
	ON HAND AT START OF DAY	13,080	CONSUMED	20
	RECEIVED DURING DAY	-0-	LUBE OIL — ON HAND AT START OF DAY	2150
	EXPENDED DURING DAY	576	RECEIVED	-0-
	REMAINING ON BOARD	12,514	ON HAND	2140
DOMESTIC WATER	ON HAND AT START OF DAY	1065	CONSUMED	10
	EVAPORATED OR RECEIVED	40	DIESEL OIL — ON HAND	
	ON HAND	1065	RECEIVED	
	CONSUMED	40	CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

RUNNING TIME	1020	PROPELLER SLIP (%)	Pos. 13.6
DETENTION TIME	-0-	BBL FUEL/MI	1.78 1.53
TOTAL REVOLUTIONS AVG.	90,595	WIND DIRECTION	030
AVERAGE R.P.M.	90.6 ~~88.8~~	STATE OF SEA	SLIGHT
TOTAL MILES BY ENGINE	338	STATE OF WEATHER	84°
TOTAL MILES BY OBSERVATION	292		

REMARKS

1200-1600 WATCH

AT ANCHOR ON Stby. MACH. INOPERATION #1 Boiler. 1 F.D. Blower. 1 F.O. PMP. 1 MAIN Feed PMP. MN. Air Compressor. L.O. Purifier. L.O.S PMP. MN+ AUX Air Ejectors. MN+ AUX Circ PMPS #2 MN+ AUX Cond PMPS. 1+2 AUX GENERATORS. MAIN ENGINE ON Jacking GEAR. A.C. UNIT. Fire + SWBD PUMP. Stbd Steering GEAR. Bilges AT SAFE Level. Topped off Port Inbd Settler FROM #2 P/S DB F.O. TKS Checked Steering E.R. GEAR. Added 2 GALS L.O. to #1 MN Feed PUMP. WAYMEN Completed REPAIRS ON #2 MN Feed PUMP Disch. VALVE Joint. GASKET. Made Routine INSPECTIONS of MACH + E.R. SPACES.

WATCH ENGR'S SIGNATURE- George Bunny

1600-2000 WATCH

At anchor on Stby. at 1610 lit fires under #2 boiler. at 1639 Put #2 boiler on aux. line. at 1705 Disengaged jacking gear @1708 opened main + lek lad stops @1710 started spinning main Eng. with steam. SB. at 1815 - CTR-12253070. FOM.P-6512100. FOM.S-3185670. AFT. Steering manned. Added 2 gal. oil to #2 Main feed Pump. Departure at 1900 - Ch. 12254470. FOM.P-6512270. FOM.S-3185810 At 1915 opened 16 Nozzles & B/O Bridge.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH

UNDERWAY 16 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEERING ENGINE, CLEANED BOTTOM BURNER ATOMIZERS, CLEANED PORT FUEL OIL DISCH STRAINER, PUMPED ALL END HOLDS, PUMPED BILGES, CARRIED OUT UNDERWAY WATCH ROUTINE,

WATCH ENGR'S SIGNATURE- Clemm

2400-0400 WATCH

UNDERWAY ON 16 NOZZ MACH INOPERATION AS Before. Changed + CLEANED F.O. top BURNERS + stbd disch STRAINER. Shifted MAIN SEA INJECTION to L.O.W. INSPECTED + CLEANED L.O. STRAINERS ON #1+2 AUX GENERATORS. Held Engs CASUALTY drill E-7 Water IN the FUEL OIL to BURNERS. Watch INST+ Bridge Notified 0100-0130 Lit off #1 L.P. EVAPORATOR @ 0015 Topped off Port Inbd Settler FROM #2 P/S DB F.O. TKS. Checked Steering E.R. GEAR PUMPED Bilges. Made Routine INSPECTIONS of MACH + ENG'S SPACES.

WATCH ENGR'S SIGNATURE- George Bunny

0400-0800 WATCH

Steaming on 16 Nozzles, shifted and Cleaned F.O. suction strainer. 0500 to 0530 held Casualty drill E-7 Water in F.O. to burners. 4 men Present. Routine Watch and inspections of Machinery.

WATCH ENGR'S SIGNATURE- Hm Jones.

0800-1200 WATCH

UNDERWAY AS BEFORE 16 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEERING ENG, CLEANED BOTTOM F.O. BURNER ATOMIZERS, CLEANED PORT F.O. DISCH STRAINER, PUMPED BILGES + ALL END HOLDS, HELD ENG CASUALTY DRILL E-7 NOTIFIED BRIDGE, BRIDGE TESTED FIRE ALARM AT 1053, SECURED PORT BOILER RETURNING STEAM LINE TO AUTO COMB CONTROL BOARD TO ISOLATE STEAM LEAK ON FLANGE CARRIED OUT UNDERWAY WATCH ROUTINE,

WATCH ENGR'S SIGNATURE- Clemm

CHIEF ENGINEER

BOILER	
(WS) STBD (FS)	(WS) (FS)
836 IN 3167	2265- 632
7.59	8.18
TOTAL 11.68	TOTAL 13.45
SAL. 4.97	SAL. 3.75
FLOS .55	FLOS. .55
R.ph	R.ph
50.50 -	50.45

CHIEF ENGR'S SIGNATURE-

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	5-B	Vung Tau	Oakland Calif	P2-S2-R2	10-4-5-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1236 7890	1239 0040	1241 0 250	1243 0430	1245 0640	1247 2 360
TOTAL REVOLUTIONS (FOR WATCH)	21830	22150	20210	20180	20210	21720
AVERAGE RPM	91.0	92.3	91.4	91.7	91.8	90.5
F.O. METER (END OF WATCH)	9711 850	9714 460	9716 910	9719 320	9721 740	1724 360
F.O. CONSUMED	2640	2610	2450	2410	2420	2620
MACHINERY PARTICULARS – PRESSURES – THROTTLE	450	450	450	450	450	450
H.P. AHEAD	450	450	450	450	450	450
L.P. AHEAD	24	24	24	24	24	24
VACUUM	27"	27"	27"	27"	27"	27"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	3	3	3	3	3	3
H.P. BLEEDER	75	75	75	75	75	75
I.P. BLEEDER	-	-			—	
L.P. BLEEDER	9	9	10"	9	10"	10"
TEMPERATURES – STEAM AT THROTTLE	680	680	680	680	680	685
L. P. EXHAUST	115	115	115	115	115	115
CONDENSATE	113	110	112	112	112	112
CIRC. WATER IN	87	87	86	86	86	86
CIRC. WATER OUT	97	98	97	96	96	96
L.O. TO COOLERS	124	124	124	124	124	123
L.O. FROM COOLERS	108	108	105	107	108	108
TEMPERATURE THRUST BEARING	116	115	115	115	115	115
FORWARD H.P. ROTOR BEARING	130	130	130	129	128	130
AFT. H.P. ROTOR BEARING	135	135	135	135	135	135
FORWARD L.P. ROTOR BEARING	134	132	134	132	130	140
AFT. L.P. ROTOR BEARING	135	135	135	136	135	145

	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	152	153	152	156	150
HOTTEST GEAR BEARING AFT	148	148	145	147	147	145
AUX. COND. CONDENSATE	113	110	112	112	112	112
1ST STAGE FEED WATER HEATER	166	166	165	166	164	166
D. C. FEED WATER HEATER	240	240	240	240	240	240
~~DIRECT CONTACT FEED WATER HEATER~~ HP	.050					
~~DIRECT CONTACT FEED WATER HEATER~~ LP	.110					
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P	735	735	735	735	735	740
SUPER HEAT S	630	630	630	635	635	640
F.O. TO BURNERS	150	155	150	150	155	150
PRESSURE AIR TO FURNACE P	6.5	6.5	6.0	6.5	6.1	6.0
AIR TO FURNACE S	6.2	6.2	7.0	6.5	7.4	7.0
F.O. TEMP. IN SETTLING TANKS P	100	100	100	98	98	100
F.O. TEMP. IN SETTLING TANKS S	93	94	92	90	92	92
PORT BOILER UPTAKE	290	290	290	290	290	290
STBD. BOILER UPTAKE	290	285	290	285	285	280
PRESSURES – F. O. BACK PRESSURE	15	15	10	15	15	11
MAIN STEAM	460	460	460	460	460	46
F.O. TO BURNERS	175	175	170	170	175	175
MISCELLANEOUS – MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	94	94	92	92	94	94
FIRE ROOM TEMPERATURE	94	94	92	92	94	94
NOZZLES IN USE	16	16	16	16	16	16
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						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP	1'6"	1'6"	1'6"	1'6"	1'6"	1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	450	680	9	125	115		62	650	650	235
	2	1200	450	680	7	153	138		54	650	650	235
1600 TO 2000	1	1200	450	680	9	124	114		62	500	500	235
	2	1200	450	680	7	150	136		54	500	500	235
2000 TO 2400	1	1200	450	680	9	124	114		62	600	600	235
	2	1200	450	680	7	151	135		54	600	600	235
2400 TO 0400	1	1200	450	680	9	124	114		62	650	650	235
	2	1200	450	680	7	152	136		54	650	650	235
0400 TO 0800	1	1200	450	680	9	124	114		62	700	700	235
	2	1200	450	680	7	150	135		54	700	700	235
0800 TO 1200	1	1200	450	685	9	125	115		62	600	600	235
	2	1200	450	685	7	152	135		54	600	600	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	9724360	BOILER WATER – ON HAND AT START OF DAY	260
	METER PREVIOUS NOON	9709210	BOILER WATER – EVAPORATED OR RECEIVED	65
	CONSUMED BY METER	15150	BOILER WATER – ON HAND	293
	ON HAND AT START OF DAY	12,574	BOILER WATER – CONSUMED	32
	RECEIVED DURING DAY	-0-	LUBE OIL – ON HAND AT START OF DAY	2140
	EXPENDED DURING DAY	575	LUBE OIL – RECEIVED	-0-
	REMAINING ON BOARD	11,939	LUBE OIL – ON HAND	2130
DOMESTIC WATER	ON HAND AT START OF DAY	1065	LUBE OIL – CONSUMED	10
	EVAPORATED OR RECEIVED	35	DIESEL OIL – ON HAND	
	ON HAND	1031	DIESEL OIL – RECEIVED	
	CONSUMED	69	DIESEL OIL – CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	MT 3.7/3	3.7/3	220 mi.	4

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%)	Pos. 14.1 Neg. 1.24
DETENTION TIME	-0-	BBL FUEL/MI	
TOTAL AVG. REVOLUTIONS	123800	WIND DIRECTION	050
AVERAGE R.P.M.	89.7	STATE OF SEA	Mod. to Rough
TOTAL MILES BY ENGINE	461	STATE OF WEATHER	84°
TOTAL MILES BY OBSERVATION	396		

REMARKS

1200-1600 WATCH

UNDERWAY ON 16 NOZZ MACH INOPERATION. #1+2 BOILERS. 1+2 F.D. BLOWERS. 1+2 F.O.S. PMPS 1+2 MN. F.D. PUMPS Stby FLOATING. MN. AIR COMPRESSOR. L.O. PURIFIER. L.O.S. PMP. MN+AUX CIRC. PMPS MN.+ AUX. AIR EJECTORS. #2 MN & AUX COND PMPS. 1+2 AUX GENERATORS. FIRE+ SAN PMP. A.C. UNIT. Stbd STEERING GEAR. Tested OVERSPEED TRIP + LOW L.O. ALARM ON MN TURBINE + THROTTLE. PUMPED BILGES. Topped off PORT INBd SETT. FROM #4 ¢ DEEP TK. Checked STEERING E.R. GEAR. FIREdrill @1515 Sec @1524 Tested Relief valve Popped @ 125# PSI Boat DRILL @1530 Sec @1536 Stby @1515 ~~[illegible]~~ @1526 BLOW Tubes. MADE ROUTINE INSPECTIONS OF MACH & ER SPACES.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before on 16 nozzles. Shifted main L.O. strainer. Changed center burner in #1+2 boilers. Pumped cargo holds + Eng. room bilges. Routine watch and inspection of mach.

WATCH ENGR'S SIGNATURE- H.M. Jones

2000-2400 WATCH

UNDERWAY AS BEFORE 16 NOZZLES. MACHINERY IN USE AS BEFORE. CHECKED ALL MACHINERY IN USE INCLUDING STEERING ENGINE, CLEANED BOTTOM BURNER ATOMIZER, CLEANED PORT FO DISCH STRAINER, PUMPED BILGES, PUMPED FWD HOLD, CARRIED OUT REGULAR STEAMING WATCH ROUTINE, ADVANCED CLOCK 20 MIN @ 2300

WATCH ENGR'S SIGNATURE- [illegible]

2400-0400 WATCH

UNDERWAY ON 16 NOZZ MACH AS Before. Changed + Cleaned Top F.O. BURNERS and Stbd disch STRAINER. Advanced Clocks 20 MINS. @0100 Topped off PORT SETTLERS FROM #3 PORT F.O. TK. INSPECTED + CLEANED L.O. STRAINERS ON #1+2 AUX GENERATORS. PUMPED BILGES. Checked STEERING E.R. GEAR. Added 1-GAL L.O. to #1 MAIN Feed PUMP. MADE ROUTINE INSPECTIONS OF MACHINERY + ENG'S SPACES.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming underway on 16 nozzles. Shifted and Cleaned F.O. Suction strainer. Inspected all outside machinery spaces. At 0500 advanced clocks (20 min).

WATCH ENGR'S SIGNATURE- H.M. Jones

0800-1200 WATCH

UNDERWAY AS BEFORE 16 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEERING ENG, CLEANED BOTTOM ATOMIZERS IN #1+2 BLRS. CLEANED FUEL OIL DISCHARGE STRAINERS PORT, PUMPED BILGES, PUMPED #1 P+S HOLDS, BRIDGE TESTED FIRE ALARM AT 0932 TEST SATISFACTORY, CARRIED OUT UNDERWAY WATCH ROUTINE,

WATCH ENGR'S SIGNATURE- [illegible]

CHIEF ENGINEER

BOILER WATER	
(WS) STB'D (FS)	(WS) (FS)
5860 [illegible] 33191	2279 - 656
ALK. 7.59	ALK. 9.93
T-ALK 12.85	T-ALK 13.43
SAL. 5.59	SAL. 4.14
PHOS. 35	PHOS. 35
R.ph	R.ph
50.50	50 - 47

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope (TAP-110)	5-B	Vung Tau	Oakland Calif	P2-S2-R2	10-5-6-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	240	240	240	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1249 4070	1251 5770	12537 360	1255 9010	1258 0900	12602 780
TOTAL REVOLUTIONS (FOR WATCH)	21710	21700	21590	21650	21890	21880
AVERAGE RPM	90.5	90.4	90.0	90.2	91.2	91.2
F.O. METER (END OF WATCH)	9727 010	9729 620	9732 240	9734 880	9737 470	9740 130
F.O. CONSUMED	2650	2610	2620	2640	2590	2660
MACHINERY PARTICULARS — PRESSURES — THROTTLE	450	450	450	450	450	450
H.P. AHEAD	450	450	450	450	450	450
L.P. AHEAD	23.5	23	24	24	24	24
VACUUM	27"	27"	27.2"	27.2"	27"	27.2"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	6	5.5	5.5	5.5	5.5	6.5
H.P. BLEEDER	75	75	75	75	75	75
I.P. BLEEDER	–	–	–	–	–	–
L.P. BLEEDER	9	9"	11"	9	10"	11
TEMPERATURES — STEAM AT THROTTLE	690	690	720	680	685	710
L. P. EXHAUST	114	115	114	113	114	114
CONDENSATE	112	112	110	111	110	112
CIRC. WATER IN	85	85	84	85	84	85
CIRC. WATER OUT	96	96	96	96	95	96
L.O. TO COOLERS	124	124	122	124	124	123
L.O. FROM COOLERS	108	108	107	108	108	108
TEMPERATURE THRUST BEARING	115	115	115	115	115	115
FORWARD H.P. ROTOR BEARING	128	128	130	128	126	129
AFT. H.P. ROTOR BEARING	135	135	135	135	135	135
FORWARD L.P. ROTOR BEARING	140	132	131	133	132	130
AFT. L.P. ROTOR BEARING	150	135	135	136	135	135

	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	150	150	152	150	153
HOTTEST GEAR BEARING AFT	148	146	145	148	148	145
AUX. COND. CONDENSATE	112	112	110	111	110	112
1ST STAGE FEED WATER HEATER	166	166	165	166	164	165
D. C. FEED WATER HEATER	240	240	241	240	240	241
~~2ND STAGE FEED WATER HEATER~~ H.P. / Prong	.050 / 140					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P	750	750	750	750	750	750
SUPER HEAT S	630	630	630	630	630	630
F.O. TO BURNERS	150	150	150	150	150	150
PRESSURE AIR TO FURNACE P	6.5	6.2	6.0"	6.2	6.0	6.0
AIR TO FURNACE S	7.0	7.0	7.0"	6.5	7.0	6.0
F.O. TEMP. IN SETTLING TANKS P	99	99	98	97	97	98
F.O. TEMP. IN SETTLING TANKS S	92	94	92	90	92	90
PORT BOILER UPTAKE	295	295	290	295	295	290
STBD. BOILER UPTAKE	295	285	280	280	280	285
PRESSURES — F. O. BACK PRESSURE	15	15	9	15	12	12
MAIN STEAM	460	460	460	460	460	460
F.O. TO BURNERS	175	175	170	170	170	170
MISCELLANEOUS — MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	94	94	92	92	92	92
FIRE ROOM TEMPERATURE	94	94	92	92	92	92
NOZZLES IN USE	16	16	16	16	16	16
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	55/70	53/70	53/70
BURNER TIP SIZE S	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER					83%	
CO_2 % STBD. BOILER					83%	
OIL LEVEL MAIN SUMP	1'6"	1'6"	1'6"	1'6"	1'6"	1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	450	690	9	125	115		62	700	700	235
	2	1200	450	690	7	155	138		54	700	700	235
1600 TO 2000	1	1200	450	690	9	125	114		62	700	700	235
	2	1200	450	690	7	150	136		54	700	700	235
2000 TO 2400	1	1200	450	720	9	124	113		62	600	600	235
	2	1200	450	720	7	150	134		54	600	600	235
2400 TO 0400	1	1200	450	680	9	124	114		62	650	650	235
	2	1200	450	680	7	151	136		54	650	650	235
0400 TO 0800	1	1200	450	685	9	122	112		62	600	600	235
	2	1200	450	685	7	150	134		54	600	600	235
0800 TO 1200	1	Sec										
	2	1200	450	710	7	152	136		54	1350	1350	235

FUEL - WATER AND LUBE OIL

FUEL OIL — METER AT NOON	9740130	
FUEL OIL — METER PREVIOUS NOON	9724360	
FUEL OIL — CONSUMED BY METER	15770	
FUEL OIL — ON HAND AT START OF DAY	11,939	
FUEL OIL — RECEIVED DURING DAY	600	
FUEL OIL — EXPENDED DURING DAY	11,339	
FUEL OIL — REMAINING ON BOARD		
DOMESTIC WATER — ON HAND AT START OF DAY	1031	
DOMESTIC WATER — EVAPORATED OR RECEIVED	25	
DOMESTIC WATER — ON HAND	981	
DOMESTIC WATER — CONSUMED	65	
BOILER WATER — ON HAND AT START OF DAY	293	
BOILER WATER — EVAPORATED OR RECEIVED	70	
BOILER WATER — ON HAND	338	
BOILER WATER — CONSUMED	32	
LUBE OIL — ON HAND AT START OF DAY	2130	
LUBE OIL — RECEIVED	-0-	
LUBE OIL — ON HAND	2120	
LUBE OIL — CONSUMED	10	
DIESEL OIL — ON HAND		
DIESEL OIL — RECEIVED		
DIESEL OIL — CONSUMED		

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

RUNNING TIME	1440	PROPELLER SLIP (%) Pos.	19.8
DETENTION TIME	-0-	BBL FUEL/MI	1.46 / 1.26
TOTAL REVOLUTIONS	128135	WIND DIRECTION	080
AVERAGE R.P.M.	89.0	STATE OF SEA	Mod.
TOTAL MILES BY ENGINE	478	STATE OF WEATHER	84°
TOTAL MILES BY OBSERVATION	383		

REMARKS

1200-1600 WATCH

UNDERWAY ON 16 NOZZ MACH. INOPERATION #1+2 BOILERS. 1+2 F.D. BLOWERS. 1+2 F.O.S. PMPS. 1+2 MN. F.D. PUMPS. Stby FLOATING. MN. AIR COMPRESSOR. L.O. PURIFIER. L.O.S. PMP. MN+ AUX CIRC PMPS. MN+ AUX COND. PMPS. MN+ AUX AIR EJECTORS. 1+2 AUX GENERATORS. A.C. UNIT. FIRE + SAN PUMP. Stbd STEERING GEAR. Tested OVERSPEED TRIP LOW L.O. ALARM ON MN. TURBINE + THRUST. Topped off PORT SETT. FROM #3 P/S DB. F.O. TKS. PUMPED BILGES. Added 1 GAL L.O. to #2 MN. FEED PUMP. Checked STEERING E.R. GEAR. BLEW TUBES. MADE ROUTINE INSPECTIONS of MACH + E.R. SPACES. DAILY test of Stby L.O. PUMP FOR 1 hr.

WATCH ENGR'S SIGNATURE: George Burney

1600-2000 WATCH

Steaming as before on 16 Nozzles. Shifted Main L.O. Purifier. Changed Center burner in #1 + 2 boilers, Pumped Cargo holds. Carried out Standing orders. Checked all machinery. At 1900 Closed W.T. doors.

WATCH ENGR'S SIGNATURE: H M Jones

2000-2400 WATCH

UNDERWAY AS BEFORE 16 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEERING ENGINE, PUMPED #4 P+S HOLDS, CLEANED BOTTOM ATOMIZERS IN 1+2 BLRS, CARRIED OUT UNDERWAY WATCH ROUTINE,

WATCH ENGR'S SIGNATURE: Clemons

2400-0400 WATCH

UNDERWAY ON 16 NOZZ MACH AS Before. Changed + CLEANED TOP F.O. BURNERS AND Stbd disch. STRAINER. Shifted + CLEANED L.O. STRAINERS ON #1+2 AUX GENERATORS. Topped off PORT SETTLERS FROM #3 DB + C F.O. TKS. Check STEERING E.R. GEAR. RUN + Checked Stby L.O. PUMP 1 hr. MADE ROUTINE INSPECTIONS of MACH + ENG'S SPACES.

WATCH ENGR'S SIGNATURE: George Burney

0400-0800 WATCH

Steaming as before on 16 Nozzles, shifted F.O. suction steamer. Made routine inspections of machinery + outside spaces. Carried out standing and night orders.

WATCH ENGR'S SIGNATURE: H M Jones

0800-1200 WATCH

UNDERWAY AS BEFORE 16 NOZZLES, MACHINERY IN USE AS BEFORE EXCEPT SECURED #1 TURBO GEN + #1 AUX CONDENSER AT. 0830, CENTRIFUGED #1 TURBO GEN L.O, OPENED AND INSPECTED #1 TURBO GEN L.O SUMP, AND GEARS INSPECTION WITNESSED BY CHIEF ENG, CLOSED LUB OIL SUMP INSPECTION PLATE, OF #1 GEN, CLOSED #1 GEN GEAR INSPECTION PLATE, CHECKED ALL MACHINERY IN USE, CHECKED STEERING ENG, CLEANED BOTTOM ATOMIZERS, BLEW TUBES ON 1+2 BLRS, SECURED + CLEANED L.O CENTRIFUG, STARTED L.O CENTRIFUGE AT 1130 SUCT FROM MAIN SUMP DISCH TO #1 TURBO GEN, FIRE ALARM TEST AT 0910

WATCH ENGR'S SIGNATURE: Clemons

CHIEF ENGINEER

BOILER WAT

(DS) STD'D (FS)	(WS) (FS)
5884 FC 3214	2303 -680
AL 6.42	11.68
T- 12.85	T-ALK 16.94
SAL. 4.14	SAL. 4.14
PHOS. 50	PHOS. 50
R.ph	R.ph
50 45 -	50 50

CHIEF ENGR'S SIGNATURE: Scott Tim

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAP-110	5-B	VUNG TAU	OAKLAND CALIF	P2-S2-R2	10-6-7-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	240	240	240	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1262 5070	1264 8020	1267 0 910	1269 3850	1271 6700	1273 9430
TOTAL REVOLUTIONS (FOR WATCH)	22290	22950	22890	22920	22870	22730
AVERAGE RPM	92.9	95.6	95.4	95.5	95.2	94.7
F.O. METER (END OF WATCH)	9742 900	9745 730	9748 600	9751 470	9754 300	9757 170
F.O. CONSUMED	2770	2830	2870	2870	2830	2870
MACHINERY PARTICULARS — PRESSURES — THROTTLE	450	450	450	450	450	450
H.P. AHEAD	450	450	450	450	450	450
L.P. AHEAD	28	29	29	29	29	29
VACUUM	27.2"	27"	27.5	27.5	27.5"	27.5"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	5.5	5	4.5	4.5	5	5
H.P. BLEEDER	75	75	75	75	75	75
I.P. BLEEDER	–	–	–	–	–	–
L.P. BLEEDER	9	7"	9"	9"	8"	9"
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	685	680	715	680	675	710
L. P. EXHAUST	116	110	116	116	114	116
CONDENSATE	113	114	113	114	114	113
CIRC. WATER IN	85	84	85	85	84	85
CIRC. WATER OUT	96	96	96	96	96	97
L.O. TO COOLERS	126	126	125	125	124	124
L.O. FROM COOLERS	109	110	109	108	108	108
TEMPERATURE THRUST BEARING	118	118	116	117	117	115
FORWARD H.P. ROTOR BEARING	129	130	127	127	125	128
AFT. H.P. ROTOR BEARING	138	135	136	137	135	135
FORWARD L.P. ROTOR BEARING	135	135	135	133	134	134
AFT. L.P. ROTOR BEARING	134	135	132	134	134	135

	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	154	155	155	155	155	154
HOTTEST GEAR BEARING AFT	151	150	148	150	150	148
AUX. COND. CONDENSATE	113	114	113	114	114	113
1ST STAGE FEED WATER HEATER	167	168	168	169	168	170
D. C. FEED WATER HEATER	240	240	240	240	240	241
~~2ND STAGE FEED WATER HEATER~~ DRAIN COOLER HP	.050			–		
LP	.100					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P	730	730	730	740	740	740
S	630	630	630	635	635	630
F.O. TO BURNERS	150	150	150	150	150	150
PRESSURE AIR TO FURNACE P	6.5	6.2	6.0	6.0	6.0	6.0"
S	8.0	7.0	7.0	7.0	8.0	6.5"
F.O. TEMP. IN SETTLING TANKS P	98	98	98	98	108	105
S	92	92	90	89	95	95
PORT BOILER UPTAKE	295	295	295	300	300	295
STBD. BOILER UPTAKE	290	290	300	310	310	290
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE	15	12	12	15	12	12
MAIN STEAM	460	460	460	460	460	460
F.O. TO BURNERS	185	200	200	200	200	200
MISCELLANEOUS — MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	93	92	90	91	92	92
FIRE ROOM TEMPERATURE	93	92	90	91	92	92
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					83%	
CO_2 % STBD. BOILER					83.5%	
OIL LEVEL MAIN SUMP	1'6"	1'6"	1'6"	1'6"	1'6"	1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	2	1200	450	685	7	153	138		54	1450	1450	235
1600 TO 2000	2	1200	450	680	7	152	136		54	1300	1150	235
2000 TO 2400	2	1200	450	715	7	152	135		54	1350	1350	235
2400 TO 0400	2	1200	450	680	7	155	137		54	1400	1400	235
0400 TO 0800	2	1200	450	675	7	150	136		54	1350	1350	235
0800 TO 1200	1	1200	450	710	9	118	110		62	1350	1350	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	9757170
	METER PREVIOUS NOON	9740130
	CONSUMED BY METER	17,040
	ON HAND AT START OF DAY	11,334
	RECEIVED DURING DAY	– 0 –
	EXPENDED DURING DAY	633
	REMAINING ON BOARD	10,706
DOMESTIC WATER	ON HAND AT START OF DAY	981
	EVAPORATED OR RECEIVED	144
	ON HAND	1100
	CONSUMED	25
BOILER WATER	ON HAND AT START OF DAY	338
	EVAPORATED OR RECEIVED	24
	ON HAND	329
	CONSUMED	33
LUBE OIL	ON HAND AT START OF DAY	2120
	RECEIVED	– 0 –
	ON HAND	2100
	CONSUMED	20
DIESEL OIL	ON HAND	
	RECEIVED	
	CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

RUNNING TIME	1440	PROPELLER SLIP (%) POS.	18.2
DETENTION TIME	– 0 –	BBL FUEL/MI	1.55 / 1.27
TOTAL AVG. REVOLUTIONS	134,085	WIND DIRECTION	060
AVERAGE R.P.M.	93.1	STATE OF SEA	SLIGHT
TOTAL MILES BY ENGINE	500	STATE OF WEATHER	83°
TOTAL MILES BY OBSERVATION	409		

REMARKS

1200-1600 WATCH

UNDERWAY ON 16 NOZZ MACH. IN OPERATION #1&2 BOILERS 1&2 F.D. BLOWERS 1&2 EAS. PMPS. 1&2 MN FD. PMPS. STBY FLOATING. MN. AIR COMPRESSOR. L.O. PURIFIER. L.O.S. PMP. MN & AUX AIR EJECTOR. MN & AUX CIRC PMPS. 2 MN. & AUX COND PMPS. 2 AUX GENERATOR. A.G. UNIT. FIRE & SAN PMP. STBD STEERING GEAR. SECURED TRANSFERING L.O. to #1 AUX GEN & MN SUMP. SECURED PURIFIER @ 1300 CLEANED & PUT ON BACK IN OPERATION ~~@ 1300~~ 1330 INCREASED SPEED to 18 NOZZ B/O of the BRIDGE @ 1345 TOPPED off PORT SETTLERS FROM #3 S&P DB. TESTED OVERSPEED TRIP LOW L.O. ALARM ON MN TURBINE & THRUST BLOW TUBES. MADE ROUTINE INSPECTIONS of MACH & E.R. SPACES.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming underway on 18 nozzles. shifted main L.O. strainer. Changed center burner on #1 & 2 boilers. 1830 Closed W.T. Doors. Checked all Eng. room mach. & outside spaces, Carried out standing orders.

WATCH ENGR'S SIGNATURE- HM Jones

2000-2400 WATCH

UNDERWAY AS BEFORE 18 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEERING ENGINE, CLEANED BOTTOM ATOMIZERS #1 & 2 BLRS, PUMPED BILGES, OPENED & CLEANED LUBE OIL COOLER #1 TURBO GEN. CLEANED WASTE DRAIN HOLES AT BASE OF #1 & 2 TURBO GENERATORS, CARRIED OUT UNDERWAY WATCH ROUTINE,

WATCH ENGR'S SIGNATURE- Clemmons

2400-0400 WATCH

UNDERWAY ON 18 NOZZ. MACH AS BEFORE. CHANGED & CLEANED TOP F.O. BURNERS AND STBD DISCH STRAINER. CLOSED UP #1 AUX GENERATOR L.O. COOLER. CLEANED & INSPECTED L.O. STRAINERS ON #2 GENERATOR. DAILY test of STBY L.O. PUMP 1 hr. TOPPED off PORT SETTLERS FROM #3-S&P DB. ADDED 1 GAL L.O. to #1 & 2 MAIN FEED PUMPS CHECKED STEERING E.R. GEAR. PUMPED BILGES. MADE ROUTINE INSPECTIONS of MACH & ENG'S SPACES.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before on 18 nozzles. shifted F.O. suction strainer. inspected Eng. room machinery and outside spaces, Carried out standing and night orders.

WATCH ENGR'S SIGNATURE- HM Jones

0800-1200 WATCH

UNDERWAY AS BEFORE 18 NOZZLES, MACHINERY IN USE AS BEFORE EXCEPT AS LOGGED, CHECKED ALL MACHINERY IN USE INCLUDING STEERING ENGINE, 0925 STARTED #1 TURBO GENERATOR UP to LOAD & ON LINE AT 0930, 0935 SECURED #2 TURBO GEN, PURIFIED LUBE OIL OF #2 GENERATOR, SECURED LUBE OIL PURIFIER AT 1030, PUMPED BILGES, CLEANED BOTTOM FUEL OIL ATOMIZERS IN #1 & 2 BLRS, CLEANED PORT FUEL OIL DISCH STRAINER, CARRIED OUT UNDERWAY WATCH ROUTINE,

WATCH ENGR'S SIGNATURE- Clemmons

CHIEF ENGINEER

12-1600 Cont. Chief Engr INSPECTED GEARS & SPRAY NOZZLES ON #1 AUX GENERATOR CONDITIONS GOOD NO FEATHER EDGES GALLING OR PITTING

BOILERS

(WS)	(FS)	(WS)	(FS)
5904 F	3238	2327	704
L	5.84	L	9.93
T-ALK	11.68	T-ALK	16.94
SAL.	.373	SAL.	4.14
PHOS.	.40	PHOS.	.45
R.ph		R.ph	

50^{3}-51 — 50^{3}-45

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	5-B	Vung Tau	Oakland Calif	P2-S2-R2	10-7-8-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	240	240	240	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1276 2290	1278 5280	12808 090	1283 0840	1285 3510	1287 6030
TOTAL REVOLUTIONS (FOR WATCH)	22860	22990	22810	22750	22670	22520
AVERAGE RPM	95.3	95.7	95.0	94.8	94.4	93.8
F.O. METER (END OF WATCH)	9760 050	9762 910	9765 750	9768 630	9771 490	9774 370
F.O. CONSUMED	2880	2860	2840	2880	2860	2880
MACHINERY PARTICULARS — PRESSURES — THROTTLE	450	450	450	450	450	450
H.P. AHEAD	450	450	450	450	450	450
L.P. AHEAD	29	29	29	29	29	29
VACUUM	27.4	27.4"	27.4"	27.4	27.5"	27.5"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	135
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	5	5	5	5	5	5
H.P. BLEEDER	75	75	75	75	75	75
I.P. BLEEDER	—	—	—	—	—	—
L.P. BLEEDER	9	8"	9	9	9"	10"
TEMPERATURES — STEAM AT THROTTLE	680	680	715	680	685	715
L.P. EXHAUST	116	116	115	115	116	116
CONDENSATE	114	114	112	113	112	112
CIRC. WATER IN	85	84	85	83	83	84
CIRC. WATER OUT	96	96	96	95	95	95
L.O. TO COOLERS	126	124	124	124	124	124
L.O. FROM COOLERS	108	108	108	107	108	108
TEMPERATURE THRUST BEARING	117	116	116	115	115	115
FORWARD H.P. ROTOR BEARING	129	125	127	127	124	129
AFT. H.P. ROTOR BEARING	137	135	135	136	135	135
FORWARD L.P. ROTOR BEARING	135	134	134	133	132	134
AFT. L.P. ROTOR BEARING	133	134	135	133	132	135

	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	151
HOTTEST GEAR BEARING AFT	150	150	147	150	150	148
AUX. COND. CONDENSATE	114	118	112	113	112	112
1ST STAGE FEED WATER HEATER	168	160	169	169	166	168
D. C. FEED WATER HEATER	240	240	240	240	240	241
FEED WATER HEATER HP	1050					
FEED WATER HEATER LP	160					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P	730	730	730	730	730	730
SUPER HEAT S	620	620	620	630	630	630
F.O. TO BURNERS	150	150	150	150	150	150
PRESSURE AIR TO FURNACE P	6.0	7.0	7.0"	7.0	6.4	6.0"
AIR TO FURNACE S	7.5	7.0	7.0"	7.0	6.8	7.0"
F.O. TEMP. IN SETTLING TANKS P	105	102	100	101	100	101
F.O. TEMP. IN SETTLING TANKS S	92	94	90	90	94	90
PORT BOILER UPTAKE	295	295	300	300	300	295
STBD. BOILER UPTAKE	310	310	310	320	325	295
PRESSURES — F. O. BACK PRESSURE	15	12	10	12	12	12
MAIN STEAM	460	460	460	460	460	460
F.O. TO BURNERS	195	200	200	200	200	200
MISCELLANEOUS — MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	92	90	90	89	90	90
FIRE ROOM TEMPERATURE	92	90	90	89	90	90
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					83%	
CO_2 % STBD. BOILER					83%	
OIL LEVEL MAIN SUMP	1'6"	1'6"	1'3"	1'6"	1'6"	1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	450	680	9	123	113		62	1300	1300	235
1600 TO 2000	1	1200	480	680	9	120	110		62	1300	1300	235
	1											
2000 TO 2400	1	1200	450	715	9	120	110		62	1400	1400	235
2400 TO 0400	1	1200	450	680	9	121	111		62	1350	1350	235
0400 TO 0800	1	1200	450	685	9	120	110		62	1300	1300	235
0800 TO 1200	1	1200	450	715	9	120	110		62	1400	1400	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	9774370	BOILER WATER — ON HAND AT START OF DAY	328
	METER PREVIOUS NOON	9757170	EVAPORATED OR RECEIVED	43
	CONSUMED BY METER	17200	ON HAND	332
	ON HAND AT START OF DAY	10,706	CONSUMED	40
	RECEIVED DURING DAY	673	LUBE OIL — ON HAND AT START OF DAY	2100
	EXPENDED DURING DAY	10,033	RECEIVED	-0-
	REMAINING ON BOARD		ON HAND	2090
DOMESTIC WATER	ON HAND AT START OF DAY	1100	CONSUMED	10
	EVAPORATED OR RECEIVED	52	DIESEL OIL — ON HAND	
	ON HAND	1120	RECEIVED	
	CONSUMED	30	CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

RUNNING TIME	1440	PROPELLER SLIP (%)	12.6
DETENTION TIME	-0-	BBL FUEL/MI	1.65 1.34
TOTAL REVOLUTIONS	134105	WIND DIRECTION	260
AVERAGE R.P.M.	93.1	STATE OF SEA	SWELL 10'
TOTAL MILES BY ENGINE	500	STATE OF WEATHER	82°
TOTAL MILES BY OBSERVATION	412		

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ. MACH. INOPERATED #1+2 BOILERS. 1+2 FD. BLOWERS. 1+2 F.O.S. PMPS. 1+2 MN LO PMPS. Stby FLOATING. MN. AIR COMPRESSOR. L.O. PURIFIER 1 L.O.S. PMP. MN+AUX AIR EJECTORS. MN+AUX CIRC. PMPS. 2 MN.+AUX COND PMPS. 1 AUX GENERATOR. A.C. UNIT. FIRE+SAN PUMP. Stbd STEERING GEAR. Tested OVERSPEED TRIP LOW L.O. ALARM ON MN. TURBINE + Thrust. Topped off Port Wbd SETTLERS FROM #3 & DB Fo. tk. Added LOAL L.O. to #1 MN Feed PUMP. Pumped Bilges. Checked STEERING FR. GEAR. Collision drill @1515 Sec. @1531 Stby @1515 ~~[illegible]~~ @1531 BLEW TUBES. MADE ROUTINE INSPECTIONS of MACH+ ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before on 18 nozzles, Changed Center burners on #1+2 boilers, shifted & Cleaned main L.O. strainer. Monthly GSM inventory for Class 41 Completed in accordance with NAVSANDA ~~inst~~ Publication 236, Para. 1403. Pumped Cargo holds, Checked Eng. room machinery, inspected outside spaces. Carried out standing orders.

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH

UNDERWAY AS BEFORE 18 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE, CLEANED BOTTOM ATOMIZERS ON 1+2 BLRS, PUMPED BILGES, FILLED LUBE OIL SUMP #2 TURBO GEN FROM MAIN LUBE OIL SUMP TANK, OPENED LUBE OIL COOLER #2 TURBO GEN, CARRIED OUT UNDERWAY WATCH ROUTINE AND ALL STANDING ORDERS.

WATCH ENGR'S SIGNATURE- Clemons

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS Before. Changed + Cleaned F.O. Top BURNERS & Stbd disch STRAINER. Topped off Port INbd SETTLER FROM #3 & DB. PUMPED BILGES. Held ENGS CASUALTY drill E-8 FORCED DRAFT BLOWER FAILURE WATCH INST. + Bridge Notified 0130-0200 PUMPED L.O. FROM SETTLING to MN. SUMP through PURIFIER. DAILY Test of Stby L.O. PUMP FOR 1-hr. Shifted + CLEANED L.O. STRAINER on #1 AUX GENERATOR. Checked STEERING FR. GEAR. MADE ROUTINE INSPECTIONS of MACH + ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before on 18 Nozzles, shifted and Cleaned F.O. suction strainer. 0500 to 0530 held Eng. Casualty Drill E-8 - failure of the forced draft blower. Checked all Eng. room machinery, inspected outside spaces. Carried out standing and night orders.

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH

UNDERWAY AS BEFORE 18 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEERING ENG, BLEW TUBES IN 1+2 BLRS, CLEANED BOTTOM ATOMIZERS 1+2 BLRS, CLEANED PORT F O DISCH STRAINER, PUMPED BILGES, CLOSED #2 TURBO GEN LUBE OIL COOLER, OPENED #2 AUX CONDENSER INSPECTED CLEANED AND CLOSED SAME, #2 TURBO GEN BACK IN COMMISSION EXCEPT ELECTRICAL END, CARRIED OUT UNDERWAY WATCH ROUTINE AND ALL STANDING ORDERS. E-8 FOR CASUALTY DRILL 10.00

WATCH ENGR'S SIGNATURE- Clemons

CHIEF ENGINEER

BOILER L.

(WS) STB'D (FS)	PORT (WS) (FS)
728 BOWS 3262	HB 2351 - 728
AKL 7.01	AKL 7.58
T-AKL 13.43	T-AKL 15.18
SAL. 3.73	SAL. 4.56
PHOS. .38	PHOS. .38
R.ph	R.ph
50 3.50 -	50 3 - 48

CHIEF ENGR'S SIGNATURE- Scott C. Kuhn

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	5-B	Vong Tau	Oakland Calif	P2-S2-R2	10-8-9-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	240	240	240	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1289 8620	1292 1440	12944 070	1296 6690	1298 9656	13012 620
TOTAL REVOLUTIONS (FOR WATCH)	22590	22820	22630	22620	22960	22970
AVERAGE RPM	94.1	95.1	94.3	94.3	95.6	95.7
F.O. METER (END OF WATCH)	9777 320	9780 250	9783 180	9786 130	9789 050	9792 040
F.O. CONSUMED	2950	2930	2940	2940	2920	2940
MACHINERY PARTICULARS — PRESSURES — THROTTLE	450	450	450	450	450	455
H.P. AHEAD	450	450	450	450	450	455
L.P. AHEAD	28	28	30	29	30	30
VACUUM	27.3"	27.2"	27.2"	27.3	27.2"	27.2"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	5	5	5	5	5	5
H.P. BLEEDER	75	75	75	75	75	75
I.P. BLEEDER	–	–	–	–	–	
L.P. BLEEDER	9"	9"	9"	9"	9"	9"
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	680	675	715	675	680	715
L. P. EXHAUST	114	116	116	115	116	114
CONDENSATE	113	114	114	112	112	112
CIRC. WATER IN	85	85	85	84	84	84
CIRC. WATER OUT	96	96	96	95	96	96
L.O. TO COOLERS	125	126	125	124	124	124
L.O. FROM COOLERS	108	108	108	107	108	108
TEMPERATURE THRUST BEARING	117	116	116	116	116	116
FORWARD H.P. ROTOR BEARING	128	126	128	127	125	129
AFT. H.P. ROTOR BEARING	131	135	135	135	136	135
FORWARD L.P. ROTOR BEARING	135	135	135	134	135	135
AFT. L.P. ROTOR BEARING	134	134	134	133	132	134

	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	155
HOTTEST GEAR BEARING AFT	151	150	149	150	150	149
AUX. COND. CONDENSATE	113	114	114	112	112	112
1ST STAGE FEED WATER HEATER	168	168	170	168	168	168
O. C. FEED WATER HEATER	240	240	241	240	240	241
~~REPEAT FEED WATER HEATER~~ H.P.	.050					
L.P.	.160					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P	740	740	735	740	740	740
S	630	630	625	620	620	620
F.O. TO BURNERS	150	150	150	150	150	150
PRESSURE AIR TO FURNACE P	6.0	6.0	6.0	6.0	6.2	6.2
S	7.0	7.6	7.5	7.5	8.0	8.0
F.O. TEMP. IN SETTLING TANKS P	101	98	98	90	96	96
S	90	95	88	92	96	94
PORT BOILER UPTAKE	295	295	300	295	295	295
STBD. BOILER UPTAKE	305	305	315	320	315	259
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE	~~20~~ 12	12	12	12	12	10
MAIN STEAM	460	460	465	460	460	465
F.O. TO BURNERS	205	205	210	205	205	215
MISCELLANEOUS — MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	92	92	90	90	90	90
FIRE ROOM TEMPERATURE	92	92	90	90	90	90
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					84%	
CO_2 % STBD. BOILER					83%	
OIL LEVEL MAIN SUMP	1'6"	1'6"	1'6"	1'6"	1'6"	1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	450	680	9	122	112		62	1450	1450	235
1600 TO 2000	1	1200	450	675	9	122	110		62	1350	1350	235
2000 TO 2400	1	1200	450	715	9	121	110		62	1350	1350	235
2400 TO 0400	1	1200	450	675	9	121	112		62	1450	1450	235
0400 TO 0800	1	1200	450	680	9	120	110		62	1350	1350	235
0800 TO 1200	1	1200	455	715	9	121	110		62	1450	1450	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	9777040	BOILER WATER	ON HAND AT START OF DAY 332
	METER PREVIOUS NOON	9774320		EVAPORATED OR RECEIVED 33
	CONSUMED BY METER	1720		ON HAND 336
	ON HAND AT START OF DAY	10033		CONSUMED 30
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY 2090
	EXPENDED DURING DAY	190		RECEIVED -0-
	REMAINING ON BOARD	9343		ON HAND 2080
DOMESTIC WATER	ON HAND AT START OF DAY	1120		CONSUMED 10
	EVAPORATED OR RECEIVED	73	DIESEL OIL	ON HAND
	ON HAND	1150		RECEIVED
	CONSUMED	43		CONSUMED

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

RUNNING TIME	1440	PROPELLER SLIP (%)	17.2
DETENTION TIME	0	BBL FUEL/MI	1.63
TOTAL AV. REVOLUTIONS	134225	WIND DIRECTION	220
AVERAGE R.P.M.	93.2	STATE OF SEA	Med.
TOTAL MILES BY ENGINE	500	STATE OF WEATHER	Sc
TOTAL MILES BY OBSERVATION	414		

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ. MACH. INOPERATION #1+2 BOILERS 1+2 FD. BLOWERS 1+2 FOS. PMPS. 1+2 MN.FD. PMPS. MN. AIR COMPRESSOR. MN+AUX AIR EJECTORS MN+AUX CIRC PMPS. 2 MN+AUX COND PMPS. AC. UNIT. 1 AUX GENERATOR. L.O.S. PUMP. L.O. PURIFIER. FIRE+SAN. PMP. STBD STEERING GEAR. STBY FEED PMP FLOATING. Tested OVERSPEED TRIP LOW L.O. ALARM ON MN TURBINE+THRUST. Shifted F.O. SUCT to PORT outbd tk @1200 PUMPED BILGES. Topped off PORT SETTLERS FROM #1 P+S + 7-P Checked STEERING FR. GEAR. Added 1-GAL L.O. on to 1+2 MN Feed pumps. BLOW TUBES MADE ROUTINE INSPECTIONS of MACH. + ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before on 18 nozzles. Changed center burner on #1+2 boilers, Shifted main L.O. strainer. Carried out Watch Procedures and Standing orders. Pumped Cargo holes + Eng. room bilge.

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH

UNDERWAY AS BEFORE 18 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEARING ENGINE, CLEANED BOTTOM ATOMIZERS IN 1+2 BLRS, CARRIED OUT UNDERWAY WATCH ROUTINE AND ALL STANDING ORDERS,

WATCH ENGR'S SIGNATURE- Clemmons

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS BEFORE. Changed + CLEANED TOP F.O. BURNERS + STBD disch. STRAINER. Shifted F.O. SUCT to PORT INBD SETT @0000. Topped off PORT outbd settler FROM #7-P F.O. tk. Daily test of STBY L.O. PUMP FOR 1-hr. CLEANED L.O. STRAINER on #1 AUX GEN Checked STEERING ENGINE ROOM GEAR. PUMPED BILGES. Added 1 GAL L.O. to #1+2 MN. FEED PUMPS. MADE ROUTINE INSPECTIONS of MACH. + ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before on 18 Nozzles, shifted F.O. suction strainer. Checked Eng. room Mach. + outside spaces. Carried out standing and Night orders. Routine watch

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH

UNDERWAY AS BEFORE 18 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEARING ENG, BLOW TUBES IN #1+2 BLRS, CLEANED F.O. DISCHARGE STRAINER PORT, PUMPED BILGE + FWD HOLDS, CARRIED OUT UNDERWAY WATCH ROUTINE,

WATCH ENGR'S SIGNATURE- Clemmons

CHIEF ENGINEER

BOILER WATER-

	STBD. (FS)	PORT. (WS) - (FS)
(WS)		
5952 -	HRS. 3286	HRS. 2575 - 752
	AKL 7.59	AKL. 10.51
	T.AKL. 12.45	T.AKL. 14.60
	PHOS. 50	PHOS. 48
	SO3 50	SO3 48

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	5-B	Vung TAU	OAKLAND CALIF	P2 S2-R2	10-9-10-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1303 5520	1305 8560	1307 9 520	1310 0440	1312 1480	1314 4170
TOTAL REVOLUTIONS (FOR WATCH)	22900	23040	20960	20920	21040	22690
AVERAGE RPM	95.4	96.0	95.7	95.1	95.6	94.5
F.O. METER (END OF WATCH)	9795 140	9798 150	9800 930	9803 760	9806 520	9809 400
F.O. CONSUMED	3100	3010	2780	2830	2760	2880
MACHINERY PARTICULARS — PRESSURES — THROTTLE	450	450	450	450	450	450
H.P. AHEAD	450	450	450	450	450	450
L.P. AHEAD	30	30	30	30	30	30
VACUUM	27.3"	27.4"	27.4"	27.4"	27.4"	27.4"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	5	5	5	5	5	5
H.P. BLEEDER	75	75	75	75	75	75
I.P. BLEEDER	–	–		–	–	
L.P. BLEEDER	9	9"	9"	9	9"	9"
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	680	685	715	680	680	720
L. P. EXHAUST	116	116	116	116	116	116
CONDENSATE	114	112	112	113	114	112
CIRC. WATER IN	84	82	83	83	84	84
CIRC. WATER OUT	96	95	96	95	96	95
L.O. TO COOLERS	126	125	124	124	124	124
L.O. FROM COOLERS	109	108	108	107	108	108
TEMPERATURE THRUST BEARING	117	115	116	116	116	116
FORWARD H.P. ROTOR BEARING	129	125	126	127	125	126
AFT. H.P. ROTOR BEARING	137	135	135	137	135	135
FORWARD L.P. ROTOR BEARING	136	132	134	133	134	134
AFT. L.P. ROTOR BEARING	135	134	134	132	134	131

		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	154	155	155	155
HOTTEST GEAR BEARING AFT		152	150	149	150	150	149
AUX. COND. CONDENSATE		114	112	112	113	114	110
1ST STAGE FEED WATER HEATER		169	168	168	168	170	166
D. C. FEED WATER HEATER		240	240	240	240	240	239
~~BOTTOM CLEARANCE WATER HEATER~~	HP	450	—	—	—		
	LP	140					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT	P	735	735	730	730	730	730
	S	630	630	630	630	630	630
F.O. TO BURNERS		150	150	150	150	150	150
PRESSURE AIR TO FURNACE	P	6.0	6.0	6.0"	6.0	6.0	6.0"
	S	7.0	8.0	8.0"	8.0	8.0	8.0"
F.O. TEMP. IN SETTLING TANKS	P	95	96	94	88	92	92
	S	90	92	96	98	96	94
PORT BOILER UPTAKE		300	300	300	305	310	295
STBD. BOILER UPTAKE		300	295	315	320	315	295
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE		12	12	12	15	12	12
MAIN STEAM		460	460	460	460	460	460
F.O. TO BURNERS		215	215	215	215	215	200
MISCELLANEOUS — MAIN COND. SALINITY		.41	.41	.41	.41		.41
ENGINE ROOM TEMPERATURE		92	88	88	89	90	90
FIRE ROOM TEMPERATURE		92	88	88	89	90	90
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						83.5%	
CO_2 % STBD. BOILER						83.5%	
OIL LEVEL MAIN SUMP		1'6"	1'6"	1'6"	1'6"	1'6"	1'6"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	450	680	9	122	112		62	1400	1400	235
1600 TO 2000	1	1200	450	685	9	120	110		62	1350	1350	235
2000 TO 2400	1	1200	450	715	9	120	110		62	1350	1350	235
2400 TO 0400	1	1200	450	680	9	120	110		62	1350	1350	235
0400 TO 0800	1	1200	450	680	9	120	110		62	1350	1350	235
0800 TO 1200	1	1200	450	720	9	121	110		62	1350	1350	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	9809400	BOILER WATER — ON HAND AT START OF DAY	335
	METER PREVIOUS NOON	9792040	EVAPORATED OR RECEIVED	43
	CONSUMED BY METER	17360	ON HAND	352
	ON HAND AT START OF DAY	7343	CONSUMED	26
	RECEIVED DURING DAY	-0-	LUBE OIL — ON HAND AT START OF DAY	2080
	EXPENDED DURING DAY	680	RECEIVED	-0-
	REMAINING ON BOARD	8663	ON HAND	2070
DOMESTIC WATER	ON HAND AT START OF DAY	1150	CONSUMED	10
	EVAPORATED OR RECEIVED	62	DIESEL OIL — ON HAND	
	ON HAND	1158	RECEIVED	
	CONSUMED	54	CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	3 2/3	3 2/3	220 hrs	4

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%)	17.6
DETENTION TIME	-0-	BBL FUEL/MI	1.71
TOTAL REVOLUTIONS	129285	WIND DIRECTION	040
AVERAGE R.P.M.	93.6	STATE OF SEA	Slight
TOTAL MILES BY ENGINE	482	STATE OF WEATHER	78°
TOTAL MILES BY OBSERVATION	397		

REMARKS

1200-1600 WATCH

Underway on 18 Nozz Mach Inoperation #1+2 Boilers 1+2 FD Blowers 1+2 Bos. pmps 1+2 Mn. FD pumps. Stby Floating. Mn. Air Compressor. Mn+Aux Air Ejectors. Mn+Aux Circ Pumps. #2 Mn.+Aux Cond. pmps. 1 Aux Generator. Lo. purifier. Lo.S. pmps. A.C. unit. Pirosan pmp. Stbd Steering Gear. Tested overspeed trip Low Lo. Alarm. on Mn Turbine+Throtl. Shifted Eo. suct to port outbd Sett @1200. Checked Steering E.R. Gear. Topped off Port Settlers from #4 P. DB. Fo. Tk. Blow Tubes. Made Routine Inspections of mach. + Eng's Spaces. Added 1 Gal Lo. oil to #1+2 Mn Feed pumps.

WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH

Steaming as before on 18 Nozzles, Charged Center burner on #1+2 boilers, shifted and Cleaned main L.O. Strainer, Checked all Eng. room and outside spaces Machinery. 1705 Closed W.T. doors from bridge. Added 2 gal. oil in #1 main feed pump. Pumped out Cargo holes + Eng. room Bilges

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH

Underway As Before 18 Nozzles, Machinery In Use As Before. Checked All Machinery In Use Including Steering Engine, Cleaned Bottom Atomizers In #1+2 Blrs, Pumped Hold #4 Port, Pumped Bilges, Cleaned Port F O Disch Strainer Carried out Underway Watch Routine and All Standing Orders.

WATCH ENGR'S SIGNATURE- Clemons

2400-0400 WATCH

Underway on 18 Nozz. Mach As Before. Shifted Eo. Suct to port Intd. Settler @0000. Changed + Cleaned top Eo. Burners + Stbd disch. Strainer. Topped off port outbd Settler from #4-P DB. Advanced Clocks 20 Mins @0030. Added 1 Gal Lo. to #1 Mn. Feed pump. Daily test of Stby L.O. pump for 1 hr. Cleaned L.O. strainer on #1 Aux Generator. Checked Steering E.R. Gear. Pumped Bilges. Made Routine Inspections of Mach + Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH

Steaming as before on 18 Nozzles. Shifted and Cleaned F.O. strainer. At 0500 advanced Clocks (20 min) routine watch and inspections of mach. in Eng. room and outside spaces

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH

Underway As Before 18 Nozzles, Machinery In Use As Before Except As Logged. Checked All Machinery In Use Including Steering Engine, Blew Tubes In 1+2 Blrs, 0840 Secured Air Conditioning Unit, Pumped Bilges, Cleaned Bottom Atomizers 1+2 Blrs, Took Suction From A.C Unit Turbine Lube Oil Sump Purified All Lube Oil From Same Discharging To L O Settling Tank, Opened A C Unit Turbine L O Sump For Cleaning, Carried Out Underway Watch Routine,

WATCH ENGR'S SIGNATURE- Clemons

CHIEF ENGINEER

BOILER WATER READINGS

STB'D (WS) (FS)	PORT (WS) (FS)
HOURS 3310	HOURS 2399 - 776
AKL 10.57	AKL 9.95
T-AKL 16.35	T-AKL 14.60
SAL. 4.54	SAL. 4.56
PHOS. .50	PHOS. .38
R.ph	R.ph
503.50	505.50

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	S-B	Yang Tau	Oakland Calif	P2-S2-R2	10-10-11-44

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		240	220	220	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1318 6060	1318 9640	1321 0530	1323 1530	1325 2600	1327 3550
TOTAL REVOLUTIONS (FOR WATCH)	21890	23580	20890	21000	21070	22950
AVERAGE RPM	91.2	98.2	95.0	95.5	95.7	95.6
F.O. METER (END OF WATCH)	9812 180	9814 900	9817 380	9819 880	9822 330	9825 050
F.O. CONSUMED	2780 ~~2880~~	2720	2480	2500	2450	2720
MACHINERY PARTICULARS — PRESSURES — THROTTLE	450	450	450	450	450	450
H.P. AHEAD	450	450	450	450	450	450
L.P. AHEAD	25	25	25	25	25	25
VACUUM	27.5	27.4"	27.4	27.5	27.5"	27.5
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	3.5	3.5	3.5	3.5	4	3
H.P. BLEEDER	75	75	75	75	75	75
I.P. BLEEDER	–	–	–	–	–	–
L.P. BLEEDER	9	9"	9"	9	9"	9"
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	690	685	685	680	665	690
L. P. EXHAUST	112	112	113	110	112	111
CONDENSATE	110	110	109	107	109	108
CIRC. WATER IN	83	83	84	80	82	81
CIRC. WATER OUT	95	94	94	91	92	93
L.O. TO COOLERS	124	124	123	124	124	124
L.O. FROM COOLERS	107	108	109	109	109	108
TEMPERATURE THRUST BEARING	115	115	115	115	115	116
FORWARD H.P. ROTOR BEARING	128	125	126	126	125	128
AFT. H.P. ROTOR BEARING	137	135	135	136	135	135
FORWARD L.P. ROTOR BEARING	133	132	132	133	134	134
AFT. L.P. ROTOR BEARING	132	130	130	130	130	130

	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	155
HOTTEST GEAR BEARING AFT	148	148	149	149	149	149
AUX. COND. CONDENSATE	110	110	109	107	109	108
1ST STAGE FEED WATER HEATER	166	164	166	164	166	165
D. C. FEED WATER HEATER	240	240	240	240	240	240
2ND STAGE FEED WATER HEATER HP	156			–	–	
2ND STAGE FEED WATER HEATER LP	102					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P	730	730	730	730	730	730
SUPER HEAT S	630	630	630	640	640	635
F.O. TO BURNERS	150	150	150	150	150	150
PRESSURE AIR TO FURNACE P	6.5	7.0	7.0	6.5	7.0	6.5
AIR TO FURNACE S	8.0	7.0	7.0	7.0	6.0	6.5
F.O. TEMP. IN SETTLING TANKS P	94	94	94	92	90	92
F.O. TEMP. IN SETTLING TANKS S	89	95	90	89	92	88
PORT BOILER UPTAKE	300	300	300	300	300	295
STBD. BOILER UPTAKE	300	295	300	300	300	290
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE	12	12	12	15	12	12
MAIN STEAM	460	460	460	460	460	460
F.O. TO BURNERS	195	180	170	165	160	180
MISCELLANEOUS — MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	89	88	88	87	87	88
FIRE ROOM TEMPERATURE	89	88	88	87	87	88
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					83%	
CO_2 % STBO. BOILER					83%	
OIL LEVEL MAIN SUMP	1'6"	1'6"	1'4"	1'4"	1'6"	1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	450	690	9	122	111		62	1500	1500	235
1600 TO 2000	1	1300	450	685	9	120	110		62	1400	1400	235
2000 TO 2400	1	1200	450	685	9	120	110		62	1400	1400	240
2400 TO 0400	1	1200	450	680	9	119	108		62	1350	1350	235
0400 TO 0800	1	1200	450	665	9	116	108		62	1300	1300	235
0800 TO 1200	1	1200	450	680	9	120	109		62	1350	1350	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	9825050	BOILER WATER — ON HAND AT START OF DAY	352
	METER PREVIOUS NOON	9807400	EVAPORATED OR RECEIVED	60
	CONSUMED BY METER	15650	ON HAND	338
	ON HAND AT START OF DAY	8,663	CONSUMED	74
	RECEIVED DURING DAY	– 0 –	LUBE OIL — ON HAND AT START OF DAY	2620
	EXPENDED DURING DAY	629	RECEIVED	– 0 –
	REMAINING ON BOARD	8,034	ON HAND	2060
DOMESTIC WATER	ON HAND AT START OF DAY	1158	CONSUMED	10
	EVAPORATED OR RECEIVED	27	DIESEL OIL — ON HAND	
	ON HAND	1124	RECEIVED	
	CONSUMED	61	CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
3½	4	4	3 2/3	4	4

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%) Pos.	13.7
DETENTION TIME	– 0 –	BBL FUEL/MI	1.61 1.30
TOTAL AVG. REVOLUTIONS	129430	WIND DIRECTION	250
AVERAGE R.P.M.	93.7	STATE OF SEA	Slight
TOTAL MILES BY ENGINE	482	STATE OF WEATHER	78°
TOTAL MILES BY OBSERVATION	416		

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ. MACH. INOPERATION #1+2 BOILERS 1+2 F.D. BLOWERS. 1+2 FUEL PMPS. 1+2 MN. F.D. PMPS. STBY FLOATING. MN. AIR COMPRESSOR. MN + AUX AIR EJECTORS. MN + AUX CIRC PUMPS. 2 MN + AUX COND. PMPS. 1 AUX GENERATOR. L.O. PURIFIER. L.O. PUMP. FIRE + SAN. PUMP. STBD STEERING GEAR. Tested OVERSPEED TRIP LOW L.O. ALARM ON MN TURBINE + THRUST. Shifted F.O. SUCT to PORT outbd @ 1200 Secured L.O. PURIFIER @ 1200. Cleaned + back in service @ 1230. Topped off PORT SETTLERS FROM #4-5 & D.B. Elect REMOVED AMP METER FROM #1 MN FEED PUMP. PUMPED BILGES. Blew TUBES. Checked STEERING E.R. GEAR. Made ROUTINE INSPECTIONS of MACH + ENGS SPACES. Added 2GAL L.O. to #1+2 FEED PMPS. WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before on 18 nozzles. Changed Center burner in #1 + 2 boilers. Shifted and Cleaned main F.O. strainer. 1730 Closed W.T. doors from bridge. Pumped Eng. room bilge and Cargo holds. Carried out Standing orders. Checked Eng room, Machinery and outside spaces. Added one ring of packing in top nut of upper Gage Glass on #2 boiler.

WATCH ENGR'S SIGNATURE- H.M. Jones

2000-2400 WATCH

UNDERWAY ON 18 NOZZLES. Changed & Cleaned Lower F.O. Burners & Port disch STRAINER. Pumped Eng Room bilges & #4P hold. Cleaned, Closed & Filled A.C. turbine Lube oil Sump. Sump inspected by Ch Engr. ADVANCED CLOCK 20 MIN @ 2300. Checked machinery in operation. Complied with night & STANDING orders

WATCH ENGR'S SIGNATURE- Clemons,

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS Before. Shifted F.O. SUCT to port INBD settler @ 0005. Changed + Cleaned F.O. top burners + stbd disch STRAINER. DAILY test of stby L.O. pump for 1-hr. Advanced Clocks 20 Mins. @ 0030. Changed + Cleaned L.O. STRAINER on #1 AUX GENERATOR. Held ENGS CASUALTY drill E-9 MAIN CONDENSER FAILURE. Watch INST. + Bridge Notified 0130-0200. Topped off PORT SETTLERS FROM #4 & F.O. HTRS. Checked Steering E.R. GEAR. Pumped Bilges. Made ROUTINE INSPECTIONS of MACH + ENGS SPACES. Added 1-GAL ea L.O. to #1+2 MN FEED PUMPS

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming on 18 nozzles. Shifted F.O. suction strainer. Held Casualty drill E-9 - Main Condenser failure 0500 to 0530. Carried out normal watch procedure. Checked all machinery and outside spaces. Carried out standing and night orders.

WATCH ENGR'S SIGNATURE- H.M. Jones

0800-1200 WATCH

UNDERWAY ON 18 NOZZLES. MACHINERY IN OPERATION AS BEFORE. Changed & Cleaned Lower F.O. burners & PORT disch STRAINER. PUMPED BILGES & INSPECTION OF ALL MACHINERY IN OPERATION & STEERING ENG ROOM. HELD ENGINEERING CASUALTY drill E-9 FROM 1000 - 1120. 4 MEN bridge NOTIFIED. STBY @ 1015 Fire & boat drill. SECURED @ 1046. ~~4~~ @ 1046. ROUTINE STEAMING WATCH.

WATCH ENGR'S SIGNATURE- Clemons,

CHIEF ENGINEER

BOILER WATER READINGS

STB'D (FS)	PORT (W.S) (FS)
HOURS 3334	HOURS 2423 - 800
5.84	8.76
11.68	14.60
3.73	4.14
38	38
R.ph	R.ph
50 3-50	50 3-51

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110		Vung Tau	Oakland Calif	P2-S2-R2	10-11-12-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	240	240	240	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1329 8570	1332 1500	1334 230	1336 6880	1338 8970	1341 1370
TOTAL REVOLUTIONS (FOR WATCH)	23020	22930	22730	22650	22090	22400
AVERAGE RPM	95.8	95.5	94.7	94.4	92.0	93.3
F.O. METER (END OF WATCH)	9827 780	9830 580	9832 760	9836 150	9838 930	9841 750
F.O. CONSUMED	2730	2800	2180	3390	2780	2820

MACHINERY PARTICULARS		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
PRESSURES	THROTTLE	450	450	450	450	450	450
	H.P. AHEAD	450	450	450	450	450	450
	L.P. AHEAD	25	25	25	25	25	25
	VACUUM	27.5	27.5	27.5"	27.5	27.5"	27.8"
	L.O. TO TURBINES	12	12	12	12	12	12
	AUX. STEAM	140	140	140	140	140	135
	BACK PRESSURE	9	9	9	9	9	9
	GLAND STEAM	4	4	4	4	4	4
	H.P. BLEEDER	75	75	75	75	75	75
	I.P. BLEEDER	–	–	–	–	–	
	L.P. BLEEDER	9	9"	~~9~~ 11.5	11.5	9"	12"
TEMPERATURES	STEAM AT THROTTLE	685	685	720	685	685	710
	L. P. EXHAUST	108	110	106	106	107	105
	CONDENSATE	106	106	104	103	103	100
	CIRC. WATER IN	79	79	75	76	76	74
	CIRC. WATER OUT	90	92	87	88	88	86
	L.O. TO COOLERS	125	126	125	125	124	124
	L.O. FROM COOLERS	107	108	108	108	108	106
	TEMPERATURE THRUST BEARING	116	116	116	117	115	115
	FORWARD H.P. ROTOR BEARING	127	125	127	127	124	127
	AFT. H.P. ROTOR BEARING	136	135	135	136	135	135
	FORWARD L.P. ROTOR BEARING	133	132	134	134	132	133
	AFT. L.P. ROTOR BEARING	130	130	130	131	130	129

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	155	155	155	156	155	155
	HOTTEST GEAR BEARING AFT	149	148	149	150	148	148
	AUX. COND. CONDENSATE	106	106	104	103	103	100
	1ST STAGE FEED WATER HEATER	163	162	160	162	160	162
	D. C. FEED WATER HEATER	240	240	240	240	240	241
	~~PRESSURE FEED~~ HP	.050	–	–	–	–	
	~~WATER FLOW~~ GPM	.100					
BOILER PARTICULARS TEMPERATURES	SUPER HEAT P	735	735	735	735	735	735
	SUPER HEAT S	630	630	630	630	630	635
	F.O. TO BURNERS	150	150	150	150	150	150
	PRESSURE AIR TO FURNACE P	6.5	6.0	6.0"	6.0"	6.0	6.4"
	PRESSURE AIR TO FURNACE S	7.5	8.2	6.5"	7.0"	7.0	7.0"
	F.O. TEMP. IN SETTLING TANKS P	92	90	82	92	92	92
	F.O. TEMP. IN SETTLING TANKS S	87	94	90	86	92	88
	PORT BOILER UPTAKE	300	300	295	300	300	295
	STBD. BOILER UPTAKE	300	305	300	300	305	290
PRESSURES	F. O. BACK PRESSURE	15	12	12	12	12	15
	MAIN STEAM	460	460	460	460	460	460
	F.O. TO BURNERS	185	190	195	200	200	195
MISCELLANEOUS	MAIN COND. SALINITY	.41	.41	.41	.41		.41
	ENGINE ROOM TEMPERATURE	88	88	85	85	83	82
	FIRE ROOM TEMPERATURE	88	88	85	85	83	82
	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					8.4%	
	CO_2 % STBD. BOILER					8.5%	
	OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"	1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	450	685	9	120	110		62	1400	1400	235
	2	1200	450	685	7	135	120		54	1200	1200	235
1600 TO 2000	1	1200	460	685	9	120	110		62	1100	1100	235
	2	1200	450	685	7	140	128		54	1100	1100	235
2000 TO 2400	1	1200	450	720	9	120	110		62	1050	1050	235
	2	1200	450	720	7	138	126		55	1050	1050	235
2400 TO 0400	1	1200	450	685	9	120	110		62	1050	1050	235
	2	1200	450	685	7	140	126		55	1050	1050	235
0400 TO 0800	1	1200	450	685	9	120	110		62	1100	1100	235
	2	1200	450	685	7	138	124		55	1100	1100	235
0800 TO 1200	1	1200	450	710	9	120	110		62	1100	1100	235
	2	1200	450	710	7	137	122		55	1100	1100	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	8841750	BOILER WATER: ON HAND AT START OF DAY	338
	METER PREVIOUS NOON	8825050	EVAPORATED OR RECEIVED	50
	CONSUMED BY METER	16700	ON HAND	350
	ON HAND AT START OF DAY	8,034	CONSUMED	38
	RECEIVED DURING DAY	–0–	LUBE OIL: ON HAND AT START OF DAY	2060
	EXPENDED DURING DAY	658	RECEIVED	–0–
	REMAINING ON BOARD	7,376	ON HAND	2050
DOMESTIC WATER	ON HAND AT START OF DAY	1124	CONSUMED	10
	EVAPORATED OR RECEIVED	60	DIESEL OIL: ON HAND	
	ON HAND	1090	RECEIVED	
	CONSUMED	94	CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

RUNNING TIME	1440	PROPELLER SLIP (%) Port	16.5
DETENTION TIME	–0–	BBL FUEL/MI	1.57 1.31
TOTAL REVOLUTIONS HYS.	134,335	WIND DIRECTION	075
AVERAGE R.P.M.	93.3	STATE OF SEA	Rough
TOTAL MILES BY ENGINE	501	STATE OF WEATHER	70°
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 Fes. pmps. 1+2 Mn.Fd. pumps Stby Floating. Mn+Aux Air Ejectors. Mn+Aux Circ pmps 2 Mn.+ Aux Cond pmps. Mn. Air Compressor. 1 Aux Generator. L.O. purifier. L.O.S. pump. Fire + San pump Stbd Steering Gear. Tested overspeed trip + Low L.O. Alarm on Mn. turbine + Throttle. Topped off port settlers from #4 ¢. pumped Bilges. Checked steering E.R. Gear. Elect Completed Repairs on #2 Aux Gen. Raised vacuum + Started Rolling same @ 1345. Parallel + put #2 Gen on Line @ 1445. Split the Elect. Load @ 1530. Bridge notified. Chief Engr. Witness same. Made Routine Inspections of Mach + E.R. Spaces.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before on 18 Nozzles. Blew tubes on #1 + 2 boilers. Shifted and Cleaned main L.O. strainer. Changed Center burner on #1 + 2 boilers. Checked all Eng. room machinery and outside spaces @ 1825 Closed W.T.D. from the bridge. Carried out routine watch.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH

Underway As Before 18 Nozzles, Machinery In use As Before, Checked All Machinery In Use Including Steering Eng, Cleaned Bottom Atomizers In 1+2 Blrs, Pumped Engineroom Bilges, Carried out Underway Watch Routine,

WATCH ENGR'S SIGNATURE- Clemons

2400-0400 WATCH

Underway on 18 Nozz Mach As Before. Changed + Cleaned top F.O. Burners and Stbd disch. strainer. Shifted F.O. suct to port outbd @ 0015. Cleaned L.O. strainers on #1+2 Aux Generators. Daily test of Stby L.O. pump For 1-hr. Topped off port settlers from #4 ¢ D.B. Pumped Bilges. Added 1-Gal L.O. to #1 Main Feed pump. Checked Steering E.R. Gear. Made Routine Inspection of Mach. and Eng's Spaces. Cleaned Bilge strainers from F and Refer holds P/o heavy deposits of Fuel oil.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before on 18 Nozzles shifted and Cleaned F.O. suct. strainer. Pumped Eng. room bilge also Pumped Cargo holds. Checked all Eng. room and outside machinery spaces. Carried out Standing and Night orders.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH

Underway As Before 18 Nozzles, Machinery In use As Before, Checked All Machinery In Use Including Steering Eng, Cleaned Bottom Atomizers, Cleaned Port F O Disch Strainer, Blew Tubes In 1+2 Blrs, Pumped Eng Room Bilges and #4 Hold, Shifted Fuel oil Service Suction To Inbd Settling Tank, Carried out Underway Watch Routine, Bridge Tested Fire Alarm At 0830.

WATCH ENGR'S SIGNATURE- Clemons

CHIEF ENGINEER

BOILER WATER READINGS

STB'D (FS)	PORT (WS) (FS)
HOURS 3358	HOURS 2447 - 824
Alk. 6.84	Alk. 8.76
T-Alk. 9.93	T-Alk. 16.30
S'L. 3.31	S.L. 4.56
PHOS. 38	PHOS. 45
R.ph	R.ph
503-48	503-50

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN PAGE TAP-110	5-B	VONG TAU	OAKLAND CALIF	P2-S2-R2	10-12-23-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	240	240	240	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1343 4010	1345 5130	1347 5450	1349 6410	1357 8180	1359 0080
TOTAL REVOLUTIONS (FOR WATCH)	22640	21120	20320	20960	21770	21910
AVERAGE RPM	94.3	88.0	84.7	87.3	90.7	91.3
F.O. METER (END OF WATCH)	9844 600	9847 120	9849 390	9851 870	9854 580	9857 350
F.O. CONSUMED	2850	2520	2270	2480	2710	2770
MACHINERY PARTICULARS — PRESSURES — THROTTLE	450	450	450	450	450	450
H.P. AHEAD	450	450	450	450	450	450
L.P. AHEAD	25	15	15	24	24	24
VACUUM	27.6	28"	28.2"	28.2	28.2"	28.5"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	4.5	2.0	2.0	3.5	3.5	3.5
H.P. BLEEDER	9	~~9~~ 7.5	7.5	7.5	7.5	7.5
I.P. BLEEDER	–	–	9	–		9
L.P. BLEEDER	11	14"	15"	12"	10"	12"
TEMPERATURES — STEAM AT THROTTLE	680	680	720	680	675	715
L. P. EXHAUST	103	95	96	104	100	100
CONDENSATE	99	88	81	100	94	96
CIRC. WATER IN	74	66	71	74	68	70
CIRC. WATER OUT	84	78	80	85	80	81
L.O. TO COOLERS	125	124	122	124	124	124
L.O. FROM COOLERS	106	109	107	106	108	108
TEMPERATURE THRUST BEARING	116	116	115	116	116	118
FORWARD H.P. ROTOR BEARING	126	125	125	125	125	127
AFT. H.P. ROTOR BEARING	135	130	130	134	134	138
FORWARD L.P. ROTOR BEARING	133	130	124	131	132	134
AFT. L.P. ROTOR BEARING	128	128	127	127	125	132

	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	152	152	157	155	155
HOTTEST GEAR BEARING AFT	148	144	139	148	148	147
AUX. COND. CONDENSATE	99	88	81	100	94	96
1ST STAGE FEED WATER HEATER	160	152	156	161	152	158
O. C. FEED WATER HEATER	240	240	240	240	240	240
~~REAR STEAM FEED WATER HEATER~~ HP	.050	–	–	–	–	–
~~REAR STEAM FEED WATER HEATER~~ LP	.100					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P	725	725	725	735	735	735
SUPER HEAT S	625	625	625	620	620	630
F.O. TO BURNERS	150	150	150	150	150	150
PRESSURE AIR TO FURNACE P	6.5	5.0	5.0"	6.5	6.8	6.8"
AIR TO FURNACE S	6.5	7.0	5.0"	6.5	6.8	7.0"
F.O. TEMP. IN SETTLING TANKS P	88	90	88	88	94	94
F.O. TEMP. IN SETTLING TANKS S	87	90	86	84	92	90
PORT BOILER UPTAKE	300	295	300	300	295	295
STBD. BOILER UPTAKE	290	295	285	290	300	295
PRESSURES — F. O. BACK PRESSURE	15	14	14	15	15	12
MAIN STEAM	460	460	460	460	460	460
F.O. TO BURNERS	200	150	155	195	190	185
MISCELLANEOUS — MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	81	80	78	79	76	75
FIRE ROOM TEMPERATURE	81	80	78	79	76	75
NOZZLES IN USE	18	14	14	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					8%	
CO_2 % STBD. BOILER					8 2/4 69/70	
OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"	1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	450	680	9	120	110		62	1050	1050	235
	2	1200	450	680	7	138	123		55	1050	1050	235
1600 TO 2000	1	1200	450	680	9	115	105		62	1000	1000	235
	2	1200	450	680	7	134	120		55	1000	1000	235
2000 TO 2400	1	1200	450	720	9	120	110		62	900	900	235
	2	1200	450	720	7	136	120		55	900	900	235
2400 TO 0400	1	1200	450	680	9	120	110		62	900	900	235
	2	1200	450	680	7	137	122		55	900	900	235
0400 TO 0800	1	1200	450	675	9	115	105		62	850	850	235
	2	1200	450	675	7	134	122		55	850	850	235
0800 TO 1200	1	1200	450	715	9	120	110		62	1000	1000	235
	2	1200	450	715	7	137	119		55	1000	1000	235

FUEL - WATER AND LUBE OIL

FUEL OIL — METER AT NOON	2857350	
FUEL OIL — METER PREVIOUS NOON	9841750	
FUEL OIL — CONSUMED BY METER	15600	
FUEL OIL — ON HAND AT START OF DAY	7376	
FUEL OIL — RECEIVED DURING DAY	1454	
FUEL OIL — EXPENDED DURING DAY	554	
FUEL OIL — REMAINING ON BOARD	6822	
DOMESTIC WATER — ON HAND AT START OF DAY	1090	
DOMESTIC WATER — EVAPORATED OR RECEIVED	29	
DOMESTIC WATER — ON HAND	1060	
DOMESTIC WATER — CONSUMED	39	
BOILER WATER — ON HAND AT START OF DAY	350	
BOILER WATER — EVAPORATED OR RECEIVED	82	
BOILER WATER — ON HAND	355	
BOILER WATER — CONSUMED	77	
LUBE OIL — ON HAND AT START OF DAY	2050	
LUBE OIL — RECEIVED	-0-	
LUBE OIL — ON HAND	2040	
LUBE OIL — CONSUMED	10	
DIESEL OIL — ON HAND		
DIESEL OIL — RECEIVED		
DIESEL OIL — CONSUMED		

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	7	4	4	7

SUMMARY

RUNNING TIME	1440	PROPELLER SLIP (%)	FOS 18.7
DETENTION TIME	-0-	RBL FUEL/MI	1.79 1.46
TOTAL AVG. REVOLUTIONS	124700	WIND DIRECTION	100
AVERAGE R.P.M.	866	STATE OF SEA	Rough
TOTAL MILES BY ENGINE	465	STATE OF WEATHER	63°
TOTAL MILES BY OBSERVATION	378		

REMARKS

1200-1600 WATCH

Underway on 18 Nozz Mach Inoperation #1&2 Boilers 1&2 Fd. Blowers 1&2 Fos. Pumps 1&2 MN Fd pumps Stby Floating MN. Air Compressor. MN&Aux Air Ejectors. MN&Aux Circ pmps. L.O. purifier L.O.S pmps. MN&Aux Cond pmps. 1&2 Aux Generators. Fire&San pump. Stbd Steering Gear. Tested overspeed trip Low L.O. alarm on MN turbine & Thrust. Pumped Bilges. Added 1 Gal L.O. to #1 MN Fd pump Checked Steering ER. Gear. Topped off port settlers from #4-S HB. Made Routine Inspections of Mach & Engs Spaces. Chief Elect made weekly test of all safety devices and emergency equipment as per check off list

WATCH ENGR'S SIGNATURE- George Barney

1600-2000 WATCH

Steaming as before on 18 nozzles, blew tubes on #1 & 2 boilers shifted and Cleaned Main L.O. strainer. Changed Center burner on #1 & 2 boilers. at 1727 Closed W.T.D. from bridge. at 1737 reduced speed to 14 nozzles P/O Bridge. at 1840 Ch. Engineer inspected Eng. room. Carried out steaming watch Procedure. Checked all Eng. room machinery & outside spaces

WATCH ENGR'S SIGNATURE- Hm Jones.

2000-2400 WATCH

~~Steaming as before on~~, UNDERWAY AS BEFORE 14 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL OPERATING & STBY MACHINERY, CLEANED BOTTOM ATOMIZERS 1&2 BLRS, PUMPED BILGES AND 4-P-1-S HOLDS, ADDED 2 GAL LUBE OIL TO #1 MAIN BOILER FEED PUMP, CARRIED OUT UNDERWAY WATCH ROUTINE,

WATCH ENGR'S SIGNATURE- Clemons.

2400-0400 WATCH

UNderway on 14 Nozz Mach. As Before. Changed & Cleaned F.O. top Burners and stbd disch strainer. Added 1 Gal ea L.O. to #1&2 Main Feed pumps. Daily test of Stby L.O. pump for 1-hr. Topped off port Inbd Settler from #5-P HB. Pumped Bilges. Increased Speed to 18 Nozz as per Night orders @0200 Bridge Notified Chief Engr. Inspected Engine Room @0230 Checked Steering ER. Gear. Made Routine Inspections of Mach & Engs spaces.

WATCH ENGR'S SIGNATURE- George Barney

0400-0800 WATCH

Steaming as before on 18 nozzles. shifted & Cleaned F.O. Inst. strainer replaced gasket on fuel pump in drain between Valve & steam cylinder. replaced gasket in scavenger line on #1 boiler, in flange at soot blower steam line. Checked Eng. room Mach & outside spaces.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH

UNDERWAY AS BEFORE 18 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE, CLEANED BOTTOM ATOMIZERS AND PORT F.O. DISCHARGE STRAINER, PUMPED ENGINEROOM BILGES, BLEW TUBES IN 1&2 BLRS, CARRIED OUT UNDERWAY WATCH ROUTINE,

WATCH ENGR'S SIGNATURE- Clemons.

CHIEF ENGINEER

BOILER WATER READINGS

STB'D (FS)	PORT (WS)	(FS)
HOURS	HOURS	848
A. 7.59	AL 8.76	
T-ALK 12.85	T-ALK 12.85	
SAL. 3.73	SAL. 3.73	
PHOS. .55	PHOS. .38	
R.ph	R.ph	
50³.48	50³.42	

CHIEF ENGR'S SIGNATURE-

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	5-B	Vong TAN	Oakland Calif	P2-S2-R2	10-13-19-LC Mer. DAY

	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)	1366 2040	1358 4110	1360 4350	1362 4750	1364 5390	1366 8160
TOTAL REVOLUTIONS (FOR WATCH)	21950	22070	20240	20400	20640	22770
AVERAGE RPM	91.5	91.9	92.0	92.7	93.8	94.9
F.O. METER (END OF WATCH)	9860 140	9862 880	9865 400	9867 950	9870 450	9873 240
F.O. CONSUMED	2790	2740	2520	2550	2500	2790
MACHINERY PARTICULARS — PRESSURES — THROTTLE	450	450	450	450	450	450
H.P. AHEAD	450	450	450	450	450	450
L.P. AHEAD	23	24	24	23.5	24	24
VACUUM	28.6	28.6"	28.6"	28.6	28.6"	28.2"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	3.5	3.5	3.5	3.5	3.5	3
H.P. BLEEDER	75	75	75	75	75	75
I.P. BLEEDER	-	-		-	-	
L.P. BLEEDER	12"	12"	12"	12"	12"	12"
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	670	675	700	685	680	715
L. P. EXHAUST	99	100	99	97	92	96
CONDENSATE	93	93	92	90	90	85
CIRC. WATER IN	67	66	65	64	64	62
CIRC. WATER OUT	78	78	78	75	76	74
L.O. TO COOLERS	123	125	126	124	126	126
L.O. FROM COOLERS	105	108	108	105	109	109
TEMPERATURE THRUST BEARING	115	115	116	115	117	118
FORWARD H.P. ROTOR BEARING	124	124	125	125	120	115
AFT. H.P. ROTOR BEARING	133	135	135	135	134	140
FORWARD L.P. ROTOR BEARING	130	132	131	131	134	133
AFT. L.P. ROTOR BEARING	127	127	127	127	126	135

	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	157	157	158	158	160	160
HOTTEST GEAR BEARING AFT	146	146	145	148	150	140
AUX. COND. CONDENSATE	93	93	92	90	91	88
1ST STAGE FEED WATER HEATER	157	158	158	157	156	158
D. C. FEED WATER HEATER	240	240	240	240	240	239
[illegible] H.P.	.050					
[illegible]	100					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P	735	735	735	735	735	735
SUPER HEAT S	625	625	625	625	625	630
F.O. TO BURNERS	150	150	150	150	150	150
PRESSURE AIR TO FURNACE P	7.0	7.0	7.0	7.0	7.0	6.5"
AIR TO FURNACE S	7.0	6.0	7.0	7.5	7.0	6.5"
F.O. TEMP. IN SETTLING TANKS P	91	91	92	88	89	86
F.O. TEMP. IN SETTLING TANKS S	81	90	86	88	92	86
PORT BOILER UPTAKE	295	306	300	310	305	300
STBD. BOILER UPTAKE	300	305	305	315	310	295
PRESSURES — F. O. BACK PRESSURE	10	12	15	15	12	10
MAIN STEAM	460	460	460	460	460	460
F.O. TO BURNERS	195	200	190	195	200	195
MISCELLANEOUS — MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	74	74	72	71	74	73
FIRE ROOM TEMPERATURE	74	74	72	71	74	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					8.3%	
CO_2 % STBD. BOILER					8.3%	
OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"	1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	450	670	9	118	110		62	1050	1050	235
	2	1200	450	670	7	135	120		55	1050	1050	235
1600 TO 2000	1	1200	450	675	9	118	110		62	900	900	235
	2	1200	450	675	7	132	120		55	900	900	235
2000 TO 2400	1	1200	450	700	9	120	110		62	950	950	235
	2	1200	450	700	7	132	116		55	950	950	235
2400 TO 0400	1	1200	450	685	9	119	110		62	950	950	235
	2	1200	450	685	7	133	117		55	950	950	235
0400 TO 0800	1	1200	450	680	9	120	115		62	900	900	235
	2	1200	450	680	7	132	120		55	900	900	235
0800 TO 1200	1		450	715	9	119	110		62	950	950	235
	2		450	715	7	132	115		55	950	950	235

FUEL - WATER AND LUBE OIL

FUEL OIL — METER AT NOON	9873240	
FUEL OIL — METER PREVIOUS NOON	9857350	
FUEL OIL — CONSUMED BY METER	15890	
FUEL OIL — ON HAND AT START OF DAY	6822	
FUEL OIL — RECEIVED DURING DAY	-0-	
FUEL OIL — EXPENDED DURING DAY	523	
FUEL OIL — REMAINING ON BOARD	6299	
DOMESTIC WATER — ON HAND AT START OF DAY	1080	
DOMESTIC WATER — EVAPORATED OR RECEIVED	33	
DOMESTIC WATER — ON HAND	1053	
DOMESTIC WATER — CONSUMED	60	
BOILER WATER — ON HAND AT START OF DAY	355	
BOILER WATER — EVAPORATED OR RECEIVED	72	
BOILER WATER — ON HAND	358	
BOILER WATER — CONSUMED	69	
LUBE OIL — ON HAND AT START OF DAY	2040	
LUBE OIL — RECEIVED	-0-	
LUBE OIL — ON HAND	2030	
LUBE OIL — CONSUMED	10	
DIESEL OIL — ON HAND		
DIESEL OIL — RECEIVED		
DIESEL OIL — CONSUMED		

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	3 2/3	3 2/3	220 min.	4

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%)	Pos. 17.29
DETENTION TIME	-0-	BBL FUEL/MI	1.40 1.16
TOTAL REVOLUTIONS	120,925	WIND DIRECTION	050
AVERAGE R.P.M.	87.6	STATE OF SEA	Rough
TOTAL MILES BY ENGINE	451	STATE OF WEATHER	57°
TOTAL MILES BY OBSERVATION	373		

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ. MACH. INOPERATION #1&2 BOILERS 1&2 F.D. BLOWERS. 1&2 F.O.S. PUMPS. 1&2 MN. F.D. PUMPS. MN. A.R. COMPRESSOR. MN & AUX. AIR EJECTORS. 2 MN. & AUX COND PUMPS. 1&2 AUX GENERATORS MN & AUX CIRC. PUMPS. L.O. PURIFIER. L.O.S. PUMP. FIRE & SAN PUMP. STBD STEERING GEAR. TESTED OVERSPEED TRIP. LOW L.O. ALARM ON MN TURBINE & THROTT. SHIFTED F.O. SUCT TO PORT OUTBD SETTLER @ 1215 PUMPED BILGES. TOPPED OFF PORT SETTLERS FROM #5-P&S DB. ADDED 1 GAL L.O. ON #1&2 FEED PUMPS. CHECKED STEERING E.R. GEAR. MADE ROUTINE INSPECTIONS OF MACH. & ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before on 18 nozzles, blew tubes on #1 & 2 boilers. Shifted & Cleaned main L.O. strainer. Changed Center burner on #1 & 2 boilers. At 1700 Closed W.T.D. from the bridge. Added 2 gals. oil in #2 main feed pump. Pumped out Cargo holds & Eng. room bilge. Routine underway watch.

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH

UNDERWAY AS BEFORE 18 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEERING ENG, CLEANED BOTTOM ATOMIZERS, PUMPED ENGINE ROOM BILGES, 2325 SHIFTED TO INBOARD F O SETTLING TANK, CARRIED OUT REGULAR UNDERWAY WATCH ROUTINE,

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS BEFORE. DUE TO CROSSING THE DATE LINE RETARDED CLOCKS 24 HRS. MERIDIAN DAY 10-13-66. CHANGED & CLEANED TOP F.O. BURNERS & STBD DISCH STRAINERS. ADVANCED CLOCKS 20 MINS @ 0030. DAILY TEST OF L.O. STBY PUMP FOR 1-HR. CLEANED & INSPECTED L.O. STRAINERS ON #1&2 AUX GENERATORS. ADDED 1-GAL L.O. TO #2 MAIN FEED PUMP. CHECKED STEERING E.R. GEAR. PUMPED BILGES. MADE ROUTINE INSPECTIONS OF MACH. & ENGS SPACES.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

underway on 18 nozzles. shifted & Cleaned F.O. suction strainer. Chked all Eng room machinery, inspected outside spaces. At 0500 advanced Clocks (20 min) routine steaming watch.

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH

UNDERWAY AS BEFORE 18 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL OPERATING & STBY MACHINERY, BLEW TUBES IN 1&2 BLRS, CLEANED BOTTOM ATOMIZERS, CLEANED F O DISCH STRAINER PORT, PUMPED BILGES & FWD HOLDS, CARRIED OUT UNDERWAY WATCH ROUTINE, 0839 BRIDGE TESTED FIRE ALARM.

WATCH ENGR'S SIGNATURE- [illegible]

CHIEF ENGINEER

BOILER WATER READINGS

STB'D (FS)	PORT (WS) (FS)
HC S3406	HC S2485 - 872
8.76	8.18
14.60	T-ALL 11.68
3.73	S'L. 4.14
.52	PHOS. 40
R.ph	R.ph
50^3 52 -	50^3 - 42

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-112	5-B	Vung Tau	Oakland Calif	P2-S2-R2	10-13-14

	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)	1369 1020	1371 3920	1373 5070	1375 6260	1377 7590	1500 710
TOTAL REVOLUTIONS (FOR WATCH)	22860	22900	21150	21190	21330	23200
AVERAGE RPM	95.3	95.4	96.1	96.3	96.9	96.3
F.O. METER (END OF WATCH)	9876 060	9876 840	9881 360	9883 900	9886 480	9889 280
F.O. CONSUMED	2820	2780	2520	2580	2580	2800
MACHINERY PARTICULARS — PRESSURES — THROTTLE	450	450	450	450	450	450
H.P. AHEAD	450	450	450	450	450	450
L.P. AHEAD	23.5	23.5	24	23.5	24	23
VACUUM	28.5	28.5"	28.5"	28.5	28.5"	28.5"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	3	2.5	3	3	3	2.5
H.P. BLEEDER	75	75	75	75	75	75
I.P. BLEEDER	—	—	—	—	—	
L.P. BLEEDER	12	12"	12"	12"	12"	12"
TEMPERATURES — STEAM AT THROTTLE	685	685	710	680	685	715
L. P. EXHAUST	95	96	95	95	95	95
CONDENSATE	90	88	88	88	88	88
CIRC. WATER IN	64	60	61	61	61	60
CIRC. WATER OUT	74	72	73	72	72	72
L.O. TO COOLERS	126	126	124	126	126	126
L.O. FROM COOLERS	106	108	106	106	108	106
TEMPERATURE THRUST BEARING	116	115	116	116	116	116
FORWARD H.P. ROTOR BEARING	123	120	123	123	120	124
AFT. H.P. ROTOR BEARING	136	135	135	136	135	135
FORWARD L.P. ROTOR BEARING	132	130	131	131	132	131
AFT. L.P. ROTOR BEARING	128	126	128	129	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	160	160	158	158	159
	HOTTEST GEAR BEARING AFT	149	152	146	151	149	146
	AUX. COND. CONDENSATE	90	88	88	88	88	88
	1ST STAGE FEED WATER HEATER	156	156	158	156	156	158
	D. C. FEED WATER HEATER	240	240	240	240	240	240
	~~[illegible]~~ HP	.050	—	—	—	—	
	~~WATER HEATER~~ LP	160					
BOILER PARTICULARS — TEMPERATURES	SUPER HEAT P	740	740	740	740	740	740
	SUPER HEAT S	630	630	630	630	630	630
	F.O. TO BURNERS	150	150	150	150	150	150
	~~PRESSURE~~ AIR TO FURNACE P	6.5	6.4	6.0"	6.0	7.0	6.0"
	AIR TO FURNACE S	7.0	7.0	6.0"	6.0	7.0	6.5
	F.O. TEMP. IN SETTLING TANKS P	87	90	89	87	98	94
	F.O. TEMP. IN SETTLING TANKS S	80	90	86	87	100	92
	PORT BOILER UPTAKE	300	295	300	305	305	300
	STBD. BOILER UPTAKE	300	295	285	295	310	285
PRESSURES	F. O. BACK PRESSURE	15	12	~~[illegible]~~ 12	12	12	12
	MAIN STEAM	460	460	460	460	460	460
	F.O. TO BURNERS	200	200	180	180	190	190
MISCELLANEOUS	MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
	ENGINE ROOM TEMPERATURE	72	72	72	72	72	72
	FIRE ROOM TEMPERATURE	72	72	72	72	72	72
	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					83%	
	CO_2 % STBD. BOILER					83%	
	OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"	1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	450	685	9	118	110		62	1000	1000	235
	2	1200	450	685	7	132	116		55	1000	1000	235
1600 TO 2000	1	1200	450	685	9	125	115		62	1000	1000	240
	2	1200	450	685	7	130	118		55	1000	1000	240
2000 TO 2400	1	1200	450	710	9	120	110		62	950	950	240
	2	1200	450	710	7	130	114		55	950	950	240
2400 TO 0400	1	1200	450	680	9	119	110		62	950	950	240
	2	1200	450	680	7	131	116		55	950	950	240
0400 TO 0800	1	1200	460	685	9	120	110		62	1000	1000	240
	2	1200	460	685	7	130	114		55	1000	1000	240
0800 TO 1200	1	1200	460	715	9	120	110		62	900	900	235
	2	1200	450	715	7	130	114		55	900	900	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	9889280	BOILER WATER — ON HAND AT START OF DAY	358
	METER PREVIOUS NOON	9873240	BOILER WATER — EVAPORATED OR RECEIVED	71
	CONSUMED BY METER	16,040	BOILER WATER — ON HAND	351
	ON HAND AT START OF DAY	6,299	BOILER WATER — CONSUMED	78
	RECEIVED DURING DAY	-0-	LUBE OIL — ON HAND AT START OF DAY	2030
	EXPENDED DURING DAY	612	LUBE OIL — RECEIVED	-0-
	REMAINING ON BOARD	6,687	LUBE OIL — ON HAND	2010
DOMESTIC WATER	ON HAND AT START OF DAY	1053	LUBE OIL — CONSUMED	20
	EVAPORATED OR RECEIVED	28	DIESEL OIL — ON HAND	
	ON HAND	1046	DIESEL OIL — RECEIVED	
	CONSUMED	35	DIESEL OIL — CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED.

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
3½	4	3⅔	3⅔	220 hrs.	4

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%)	Pos. 18.5
DETENTION TIME	-0-	BBL FUEL/MI	1.55 / 1.26
TOTAL REVOLUTIONS AVG.	130,105	WIND DIRECTION	355
AVERAGE R.P.M.	94.2	STATE OF SEA	Rough
TOTAL MILES BY ENGINE	485	STATE OF WEATHER	58
TOTAL MILES BY OBSERVATION	395		

REMARKS

1200-1600 WATCH

Underway on 18 Nozz Mach Incperation #1&2 Boilers 1&2 F.D. Blowers. 1&2 F.O.S. pumps. 1&2 MN F.P. pumps. Stby Floating. MN. Air Compressor. MN & Aux Air Ejectors. MN & Aux Circ pmps. L.O. purifier. L.O.S. pump. 1&2 Aux Generators. 2 MN & Aux Cond pmps. F.R.C. & San pump. Stbd Steering Gear. Tested overspeed Trip 20W Lo. alarm on M Turbine & Thrott. Secured L.O. purifier @1245. Cleaned & back in service @1330 pumped Bilges. Topped off port Settlers from #5-S DB. Checked Steering F.R. Gear. N.B.C. @ 1521 Secured @ 1555 Made Routine Inspections of Mach & Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before on 18 Nozzles, blew tubes on #1 & 2 boilers. Shifted & Cleaned main L.O. Strainer. Changed Center burner on #1 & 2 boilers. At 1725 Closed W.T.D. from Bridge. Pumped Cargo holds, also Eng. room bilge. Carried out routine sea watch.

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH

UNDERWAY AS BEFORE 18 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE, CLEANED BOTTOM ATOMIZERS, PUMPED BILGES, CLEANED LUBE OIL AROUND MAIN THRUST BEARING TO LOCATE LEAK DETERMINED THAT OIL IS LEAKING AROUND STUDS & NUTS OF CASING, CARRIED OUT UNDERWAY WATCH ROUTINE,

WATCH ENGR'S SIGNATURE- Clemmons

2400-0400 WATCH

Underway on 18 Nozz. Mach as Before. Changed & Cleaned to F.O. Burners and Stbd disch Strainer. Advanced Clocks 20 mins. @ 0030 Daily test of stby L.O. pump for 1 hr. Topped off port settlers from #5-Stb DB F.O. tks. Cleaned & inspected L.O. Strainers on #1&2 Aux Generators Held Eng's Casualty drill E-11 Electric Power Failure to the Steering Gear Watch Inst. and Bridge Notified 0130-0200 Checked Steering F.R. Gear. Added 1 Gal L.O. to #1 MN Feed pump. Added Packing to Stm End of F.O. transfer pump. Made Routine Inspections of Mach & Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before on 18 nozzles, shifted and Cleaned F.O. Suct strainer at 0500 advanced Clocks (20 min) 0550 to 0530 held Casualty drill E-11 Elect. Power failure to steering gear. Tightened up on Packing nuts on main feed Pumps #1 & 2. Checked all Eng. room Machinery, inspected Outside spaces. Carried out Normal watch routine

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH

UNDERWAY AS BEFORE 18 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE, BLEW TUBES IN 1 & 2 BLRS, CLEANED BOTTOM ATOMIZERS, CLEANED PORT FUEL OIL DISCHARGE STRAINER, PUMPED BILGES, HELD E11 ENG DRILL AT 0900 NOTIFIED BRIDGE, 0830 SHIFTED TO OUTBOARD FUEL OIL SETTLING TANK, BRIDGE TESTED FIRE ALARM AT 0828, CARRIED OUT UNDERWAY WATCH ROUTINE,

WATCH ENGR'S SIGNATURE- Clemmons

CHIEF ENGINEER

BOILER WATER READINGS

STB'D (FS)	PORT (WS) (FS)
HOURS 3430	HOURS 2519 - 896
AKL 8.76	AKL 8.18
T-AKL 13.43	T-AKL 12.85
SAL. 4.14	SAL. 4.56
PHOS. 50	PHOS. 38
R.ph	R.ph
50^3-50 -	50^3-45

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	5-B	Vung Tau	Oakland Calif	P2-S2-R2	10-14-15-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	240	240	240	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1382 3910	1384 7100	1387 0320	1389 3480	1391 6770	1393 9970
TOTAL REVOLUTIONS (FOR WATCH)	23200	23190	23220	23160	23290	23200
AVERAGE RPM	96.7	96.6	96.8	96.5	97.0	96.7
F.O. METER (END OF WATCH)	9892 110	9894 860	9897 620	9900 410	9903 170	9905 970
F.O. CONSUMED	2830	2750	2760	2790	2760	2800
MACHINERY PARTICULARS — PRESSURES — THROTTLE	450	450	450	450	450	450
H.P. AHEAD	450	450	450	450	450	450
L.P. AHEAD	24	24	24	24	24	23
VACUUM	28.6	29"	29"	29"	29"	29"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	3	2.5	2.5	2.5	2.5	3
H.P. BLEEDER	75	75	75	75	75	75
I.P. BLEEDER	—			—	—	
L.P. BLEEDER	12	12	12	12	12"	12"
TEMPERATURES — STEAM AT THROTTLE	690	685	710	685	680	710
L. P. EXHAUST	97	95	95	94	95	94
CONDENSATE	90	87	86	86	86	86
CIRC. WATER IN	64	61	60	60	60	60
CIRC. WATER OUT	75	70	72	70	70	71
L.O. TO COOLERS	125	126	126	124	125	126
L.O. FROM COOLERS	105	108	107	105	107	105
TEMPERATURE THRUST BEARING	115	115	115	115	115	115
FORWARD H.P. ROTOR BEARING	124	120	124	123	120	123
AFT. H.P. ROTOR BEARING	136	135	135	136	135	135
FORWARD L.P. ROTOR BEARING	132	132	130	130	130	131
AFT. L.P. ROTOR BEARING	129	125	125	124	125	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	159	158	160	158	157	160
HOTTEST GEAR BEARING AFT	150	150	146	151	150	147
AUX. COND. CONDENSATE	90	87	86	86	86	86
1ST STAGE FEED WATER HEATER	159	156	156	156	157	157
D. C. FEED WATER HEATER	240	240	240	240	240	241
~~INTERMEDIATE FEED~~ ~~WATER HEATER~~ HP	050	—			—	
~~INTERMEDIATE FEED~~ ~~WATER HEATER~~ LP	100					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P	745	745	740	740	740	730
SUPER HEAT S	645	645	640	640	640	630
F.O. TO BURNERS	150	150	150	150	150	150
~~AIR TO FURNACE~~ PRESSURE P	6.5	7.0	6.2"	6.0	6.4	5.5"
AIR TO FURNACE S	7.0	7.0	6.0"	6.5	6.4	6.0"
F.O. TEMP. IN SETTLING TANKS P	~~9660~~	—	—	—	—	—
F.O. TEMP. IN SETTLING TANKS S	92	84	87	82	86	82
PORT BOILER UPTAKE	305	305	305	305	310	290
STBD. BOILER UPTAKE	290	290	285	295	295	290
PRESSURES — F. O. BACK PRESSURE	12	12	10	12	12	12
MAIN STEAM	460	460	460	460	460	460
F.O. TO BURNERS	200	190	190	185	190	185
MISCELLANEOUS — MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	72	72	70	70	70	70
FIRE ROOM TEMPERATURE	72	72	70	70	70	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					83%	
CO_2 % STBD. BOILER					83%	
OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"	1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	460	690	9	119	110		62	950	950	240
	2	1200	450	690	7	132	116		55	950	950	240
1600 TO 2000	1	1200	460	685	9	118	110		62	900	900	240
	2	1200	460	685	7	130	114		54	900	900	240
2000 TO 2400	1	1200	460		9	120	110		62	900	900	240
	2	1200	460		7	130	114		55	900	900	240
2400 TO 0400	1	1200	460	685	9	118	110		62	900	900	240
	2	1200	460	685	7	131	115		55	900	900	240
0400 TO 0800	1	1200	460	680	9	118	110		62	900	900	240
	2	1200	460	680	7	130	114		55	900	900	240
0800 TO 1200	1	1200	460	710	9	120	110		62	900	900	240
	2	1200	460	710	7	130	114		55	900	900	240

FUEL - WATER AND LUBE OIL

FUEL OIL — METER AT NOON	9905970	
FUEL OIL — METER PREVIOUS NOON	9889280	
FUEL OIL — CONSUMED BY METER	16,690	
FUEL OIL — ON HAND AT START OF DAY	6,687	
FUEL OIL — RECEIVED DURING DAY	-0-	
FUEL OIL — EXPENDED DURING DAY	643	
FUEL OIL — REMAINING ON BOARD	5,044	
DOMESTIC WATER — ON HAND AT START OF DAY	1046	
DOMESTIC WATER — EVAPORATED OR RECEIVED	63	
DOMESTIC WATER — ON HAND	1060	
DOMESTIC WATER — CONSUMED	49	
BOILER WATER — ON HAND AT START OF DAY	351	
BOILER WATER — EVAPORATED OR RECEIVED	49	
BOILER WATER — ON HAND	352	
BOILER WATER — CONSUMED	48	
LUBE OIL — ON HAND AT START OF DAY	2010	
LUBE OIL — RECEIVED	-0-	
LUBE OIL — ON HAND	1980	
LUBE OIL — CONSUMED	20	
DIESEL OIL — ON HAND	1603	
DIESEL OIL — RECEIVED	-0-	
DIESEL OIL — CONSUMED	2	

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

RUNNING TIME	1440	PROPELLER SLIP (%)	Pos. 17.06
DETENTION TIME	-0-	BBL FUEL/MI	1.52 1.26
TOTAL REVOLUTIONS AVG.	136,800	WIND DIRECTION	080
AVERAGE R.P.M.	95.0	STATE OF SEA	Mod.
TOTAL MILES BY ENGINE	510	STATE OF WEATHER	54°
TOTAL MILES BY OBSERVATION	423		

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ MACH INOPERATION #1+2 BOILERS. 1+2 FD BLOWERS. 1+2 F.O.S. PUMPS. 1+2 MN. FD PMPS. Stby FLOATING. MN. AIR COMPRESSR. MN+AUX AIR EJECTORS. MN+AUX CIRC PMPS. L.O. PURIFYR. 1+2 AUX GENERATORS. 2 MN+AUX COND PMPS. L.O.S. PMP. FIRE+SAN PMP. Stbd STEERING GEAR. Tested OVERSPEED TRIP. LOW L.O. ALARM ON MN TURBINE & THRUST. Shifted F.O. SUCT to PORT INBD SETTLER @1415. Checked Steering E.R. GEAR. PUMPED BILGES. PUMPED outbd SETTLER OUT into #5-P FOR CLEANING. Topped off PORT INBD SETTLER FROM #5-P & Made ROUTINE INSPECTIONS of MACH & ENG'S SPACES.

WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH

Steaming as before on 18 nozzles. Blew tubes on #1+2 boilers. Shifted and Cleaned main L.O. strainer. Changed Center burner on #1+2 boilers. At 1755 Closed W.T.D. from the bridge. Carried out routine watch.

WATCH ENGR'S SIGNATURE- H. Jones

2000-2400 WATCH

UNDERWAY AS BEFORE 18 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEERING ENG, CLEANED BOTTOM ATOMIZERS 1+2 BLRS, PUMPED BILGES, CARRIED OUT UNDERWAY WATCH ROUTINE,

WATCH ENGR'S SIGNATURE- Clemmons

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS Before. Changed + CLEANED F.O. BURNERS + Stbd disch. STRAINER. Daily test of stby L.O. pump for 1 hr. CLEANED + inspected L.O. STRAINERS ON #1+2 AUX GENERATORS. PUMPED BILGES. Added 1 GAL L.O. to #1+2 MN feed pumps. Topped off PORT INBD SETTLER FROM #6 F.O. tk. Check Steering E.R. GEAR. MADE ROUTINE INSPECTIONS of MACH + ENG'S SPACES.

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH

Steaming as before on 18 noz. Shifted + Cleaned F.O. suct. strainer. Carried out standing and night orders. Checked Eng. room machinery + inspected outside spaces. Routine underway watch.

WATCH ENGR'S SIGNATURE- H. Jones

0800-1200 WATCH

UNDERWAY AS BEFORE 18 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEERING ENGINE, CLEANED BOTTOM ATOMIZERS AND PORT F.O. DISCHARGE STRAINER, PUMPED BILGES, RENEWED 3/4" GASKET + STUDS OF SOOT BLOWER STEAM LINE H.P. SIDE OF AIR CASING CHECK VALVE #1 BLR, 0925 BAILE TESTED FIRE ALARM, CARRIED OUT UNDERWAY WATCH ROUTINE,

WATCH ENGR'S SIGNATURE- Clemmons

CHIEF ENGINEER

BOILER WATER READINGS

	STB'D (FS)	PORT (WS) (FS)
(WS)		
HOURS	3434	HOURS 2543-920
ALK	8.76	ALK 8.76
T-ALK	11.68	T-ALK 11.68
S.L.	4.14	S.L. 4.14
PHOS.	.55	PHOS. .38
R.ph		R.ph
$50^3.50$		$50^3.38$

CHIEF ENGR'S SIGNATURE- Everett E. Tim

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAP-110	5-B	VONG TAU	OAKLAND CALIF	P2-S2-R2	10-15-16-66

		WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		240	240	220	220	220	240
DETENTION TIME							
REVOLUTION COUNTER (END OF WATCH)		1396 3110	1398 6150	1400 2 50	1402 8620	1404 9940	1406 992
TOTAL REVOLUTIONS (FOR WATCH)		23140	23040	21130	21340	21220	23150
AVERAGE RPM		96.4	96.0	96.1	97.0	96.4	96.5
F.O. METER (END OF WATCH)		9908 730	9911 560	9914 100	9916 700	9919 290	9922 010
F.O. CONSUMED		2760	2830	2640	2600	2570	2770
MACHINERY PARTICULARS — PRESSURES	THROTTLE	450	450	450	450	450	450
	H.P. AHEAD	450	450	450	450	450	450
	L.P. AHEAD	23	23	23	24	24	24
	VACUUM	29	29"	29"	29"	29"	29"
	L.O. TO TURBINES	12	12	12	12	12	12
	AUX. STEAM	140	140	140	140	140	140
	BACK PRESSURE	9	9	9	9	9	9
	GLAND STEAM	2.5	2.5	3	2.5	2.5	2.5
	H.P. BLEEDER	75	75	75	75	75	75
	I.P. BLEEDER	—	—	—	—		
	L.P. BLEEDER	12	12"	13	12	12"	12"
MACHINERY PARTICULARS — TEMPERATURES	STEAM AT THROTTLE	680	675	710	675	685	685
	L. P. EXHAUST	96	95	95	95	95	96
	CONDENSATE	90	88	86	88	89	90
	CIRC. WATER IN	63	60	60	60	62	64
	CIRC. WATER OUT	74	68	72	71	74	74
	L.O. TO COOLERS	125	126	124	125	125	124
	L.O. FROM COOLERS	107	108	106	106	108	107
	TEMPERATURE THRUST BEARING	116	115	115	115	115	115
	FORWARD H.P. ROTOR BEARING	124	120	122	124	120	124
	AFT. H.P. ROTOR BEARING	136	135	135	136	135	135
	FORWARD L.P. ROTOR BEARING	132	131	130	131	135	131
	AFT. L.P. ROTOR BEARING	130	130	128	129	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	158	156	159	158	158	159
	HOTTEST GEAR BEARING AFT	152	150	145	152	150	145
	AUX. COND. CONDENSATE	90	88	86	88	89	90
	1ST STAGE FEED WATER HEATER	156	156	156	157	156	158
	D. C. FEED WATER HEATER	240	240	240	240	240	240
	2ND STAGE FEED WATER HEATER — HP	.050					
	2ND STAGE FEED WATER HEATER — LP	100					
BOILER PARTICULARS — TEMPERATURES	SUPER HEAT P	735	735	735	735	735	735
	SUPER HEAT S	620	620	620	620	620	620
	F.O. TO BURNERS	150	150	150	150	150	180
	PRESSURIZE AIR TO FURNACE P	6.0	6.2	6.0"	6.0	7.0	6.0
	PRESSURIZE AIR TO FURNACE S	6.5	6.2	6.5"	6.5	7.0	6.0
	F.O. TEMP. IN SETTLING TANKS P	—	—	172	161	170	160
	F.O. TEMP. IN SETTLING TANKS S	95	98	106	103	104	106
	PORT BOILER UPTAKE	300	300	300	305	310	300
	STBD. BOILER UPTAKE	295	290	295	305	310	290
BOILER PARTICULARS — PRESSURES	F. O. BACK PRESSURE	15	12	10	12	12	12
	MAIN STEAM	460	460	460	460	460	460
	F.O. TO BURNERS	185	190	175	190	195	190
MISCELLANEOUS	MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
	ENGINE ROOM TEMPERATURE	72	72	72	73	74	76
	FIRE ROOM TEMPERATURE	72	72	72	73	74	76
	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					83%	
	CO_2 % STBD. BOILER					83%	
	OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"	1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	460	680	9	120	110		62	950	950	240
	2	1200	460	680	7	132	116		55	950	950	240
1600 TO 2000	1	1200	460	675	9	118	110		62	900	900	240
	2	1200	460	675	7	132	116		55	900	900	240
2000 TO 2400	1	1200	460	710	9	120	110		62	900	900	240
	2	1200	460	710	7	130	115		55	900	900	240
2400 TO 0400	1	1200	460	675	9	120	110		62	900	900	240
	2	1200	460	675	7	132	117		55	900	900	240
0400 TO 0800	1	1200	460	685	9	120	110		62	900	900	240
	2	1200	460	685	7	130	116		55	900	900	240
0800 TO 1200	1	1200	460	685	9	120	110		62	950	950	240
	2	1200	460	685	7	132	116		54	950	950	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	9922040
	METER PREVIOUS NOON	9905970
	CONSUMED BY METER	16070
	ON HAND AT START OF DAY	5,044
	RECEIVED DURING DAY	-0-
	EXPENDED DURING DAY	615
	REMAINING ON BOARD	4,429
DOMESTIC WATER	ON HAND AT START OF DAY	1060
	EVAPORATED OR RECEIVED	75
	ON HAND	1170
	CONSUMED	25
BOILER WATER	ON HAND AT START OF DAY	352
	EVAPORATED OR RECEIVED	-0-
	ON HAND	300
	CONSUMED	52
LUBE OIL	ON HAND AT START OF DAY	1980
	RECEIVED	-0-
	ON HAND	1960
	CONSUMED	20
DIESEL OIL	1600 ON HAND	1600
	RECEIVED	-0-
	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	3 2/3	3 2/3	220 min.	

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%)	P 15.57
DETENTION TIME	-0-	BBL FUEL/MI	1.49 1.26
TOTAL REVOLUTIONS	130,910	WIND DIRECTION	130
AVERAGE R.P.M.	94.8	STATE OF SEA	Slight
TOTAL MILES BY ENGINE	488	STATE OF WEATHER	5
TOTAL MILES BY OBSERVATION	412		

REMARKS

1200-1600 WATCH

UNderway on 18 Nozz. Mach. Inoperation #1&2 Boilers 1&2 Fd. Blowers 1&2 F.O.S. pumps. 1&2 MN.Ed pumps. Stby Floating. MN. Air Compressor. MN & Aux Air Ejectors. MN & Aux Circ pmps. 2 MN & Aux Cond. pmps. 1&2 Aux Generators. L.O. purifier. L.O.S. pump. Fire & San pmp. Stbd Steering Gear. Tested overspeed trip Low L.O. alarm on Mn. Turbine & Thrust. Pumped Bilges. Checked Steering Er. Gear. Topped off port inbd settler from #6 & AB & P/S. Added 1 Gal L.O. ea to 1&2 MN Feed pumps. Chemical Cleaning outbd settler. Made Routine Inspections of Mach. & Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH

Steaming as before on 18 nozzles. 1550 to 1617 blew tubes on #1 & 2 boilers. Shifted and Cleaned main L.O. strainer. Changed Center burner on #1 & 2 boilers. Checked all Eng. room Machinery, inspected outside spaces. At 1700 Closed W.T.D. from the bridge. Routine Underway watch.

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH

UNDERWAY AS BEFORE 18 NOZZLES, MACHINERY IN USE AS BEFORE. CHECKED ALL MACHINERY IN USE INCLUDING STEERING ENGINE ROOM, CLEANED ALL BOTTOM ATOMIZERS, PUMPED BILGES, CARRIED OUT UNDERWAY WATCH ROUTINE AND ALL STANDING ORDERS, ADVANCED CLOCK 20 MIN @ 2300.

WATCH ENGR'S SIGNATURE- Clemons

2400-0400 WATCH

UNderway on 18 Nozz. Mach. as Before. Changed & Cleaned top F.O. Burners & Stbd disch strainer. Daily test of Stby L.O. pump for 1 hr. Cleaned & Inspected L.O. Strainers on #1&2 Aux Generators. Pumped Bilges. Advanced Clocks 20 Mins @ 0120. Checked Steering Er Gear. Added 1 Gal L.O. ea to #1&2 Main Feed Pumps. Topped off port inbd settler from #6 P/S DB. Called out the Chief Elect to make Repairs on Bakers deep Fryer @ 0300. Made Routine Inspections of Mach & Eng's Spaces.

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH

Steaming as before on 18 nozzles, shifted and Cleaned F.O. suction strainer at 0500, advanced Clocks (20 min.) Carried out standing and Night orders. Checked all Eng. room and outside machinery spaces. routine underway watch.

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH

UNderway ON 18 NOZZLES. MACH IN USE AS before. Changed & Cleaned Lower F.O. burners & PORT F.O. STRAINER. Checked ALL MACH IN OPERATION & SPACES. Pumped bilges. Normal STEAMING WATCH.
OPENED LUBE OIL SETTLING TANK FOR INSPECTION.

WATCH ENGR'S SIGNATURE- Clemons

CHIEF ENGINEER

BOILER WATER READINGS

(WS) STB'D (FS)	PORT (WS) (FS)
HOURS 3478	HOURS 2567 - 944
AKL 8.76	AKL 7.59
T-AKL 14.60	T-AKL 13.43
SAL. 4.66	S'L. 4.56
PHOS. .30	PHOS. .48
R.ph	R.ph
50^3-50	50^3-45

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

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	S-B	Vung Tau	Oakland Cal	P2-S2-R2	10-16-17-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TD 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1409 6340	1411 9690	1414 1020	1416 2420	1418 4020	1420 6550
TOTAL REVOLUTIONS (FOR WATCH)	23350	23350	21400	21330	21600	22530
AVERAGE RPM	97.3	97.3	97.3	97.0	96.6	93.9
F.O. METER (END OF WATCH)	9924 870	9927 670	9930 220	9932 730	9935 240	9937 770
F.O. CONSUMED	2830	2800	2530	2510	2510	2530
MACHINERY PARTICULARS — PRESSURES — THROTTLE	450	450	450	450	450	450
H.P. AHEAD	450	450	450	450	450	450
L.P. AHEAD	24	24	24	23.5	24	18
VACUUM	29"	29"	29"	29"	29"	29"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	2.5	2.5	3	2.5	2.5	2
H.P. BLEEDER	75	75	75	75	75	75
I.P. BLEEDER						
L.P. BLEEDER	12	12"	12	12	12	15
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	680	685	710	675	680	720
L. P. EXHAUST	96	96	99	97	98	95
CONDENSATE	91	90	90	91	91	87
CIRC. WATER IN	64	64	65	65	65	65
CIRC. WATER OUT	75	75	76	75	74	74
L.O. TO COOLERS	126	126	126	126	126	124
L.O. FROM COOLERS	108	108	107	106	108	106
TEMPERATURE THRUST BEARING	117	115	115	116	115	115
FORWARD H.P. ROTOR BEARING	125	124	125	124	124	125
AFT. H.P. ROTOR BEARING	137	135	135	136	135	134
FORWARD L.P. ROTOR BEARING	133	132	134	132	132	130
AFT. L.P. ROTOR BEARING	130	130	130	129	130	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	159	160	159	160	160	159
HOTTEST GEAR BEARING AFT	153	151	147	153	152	145
AUX. COND. CONDENSATE	91	90	90	91	91	87
1ST STAGE FEED WATER HEATER	159	158	160	158	156	158
D. C. FEED WATER HEATER	240	240	240	240	240	242
2ND STAGE FEED WATER HEATER HP	.050				—	—
2ND STAGE FEED WATER HEATER LP	.100					
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P	740	740	740	740	740	735
SUPER HEAT S	630	630	630	630	630	620
F.O. TO BURNERS	150	150	150	160	165	165
PRESSURE AIR TO FURNACE P	6.5	6.0	6.5	6.5	6.5	5.5"
PRESSURE AIR TO FURNACE S	7.0	7.2	7.0	7.0	8.0	6.5"
F.O. TEMP. IN SETTLING TANKS P	147	140	132	128	125	122
F.O. TEMP. IN SETTLING TANKS S	95	98	100	112	110	106
PORT BOILER UPTAKE	305	300	305	305	305	306
STBD. BOILER UPTAKE	275	300	305	315	320	295
PRESSURES — F. O. BACK PRESSURE	12	12	12	12	12	15
MAIN STEAM	460	460	460	460	460	460
F.O. TO BURNERS	200	200	200	205	205	150
MISCELLANEOUS — MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	78	78	78	78	78	78
FIRE ROOM TEMPERATURE	78	78	78	78	78	78
NOZZLES IN USE	18	18	18	18	18	16
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					83%	
CO_2 % STBD. BOILER					83%	
OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"	1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	460	680	9	119	110		62	950	950	240
	2	1200	460	680	7	133	117		55	950	950	240
1600 TO 2000	1	1200	460	685	9	120	110		62	900	900	240
	2	1200	460	685	7	132	116		54	900	900	240
2000 TO 2400	1	1200	460	710	9	120	110		62	900	900	240
	2	1200	460	710	7	132	116		54	900	900	240
2400 TO 0400	1	1200	460	675	9	119	110		62	950	950	240
	2	1200	460	675	7	133	117		55	950	950	240
0400 TO 0800	1	1200	460	680	9	120	110		62	900	900	240
	2	1200	460	680	7	132	116		55	900	900	240
0800 TO 1200	1	1200	450	720	9	119	110		62	1000	1000	240
	2	1200	450	720	7	133	117		54	1000	1000	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	9937770	BOILER WATER — ON HAND AT START OF DAY	300
	METER PREVIOUS NOON	9922040	EVAPORATED OR RECEIVED	17
	CONSUMED BY METER	15,730	ON HAND	284
	ON HAND AT START OF DAY	4,429	CONSUMED	33
	RECEIVED DURING DAY	-0-	LUBE OIL — ON HAND AT START OF DAY	1960
	EXPENDED DURING DAY	603	RECEIVED	-0-
	REMAINING ON BOARD	3826	ON HAND	1940
DOMESTIC WATER	ON HAND AT START OF DAY	1110	CONSUMED	20
	EVAPORATED OR RECEIVED	90	DIESEL OIL — ON HAND 1600	1598
	ON HAND	1158	RECEIVED	-0-
	CONSUMED	42	CONSUMED	2

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	3 2/3	3 2/3	220 hrs	4

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%) P/S	17.7 1.49
DETENTION TIME	-0-	BBL FUEL/MI	
TOTAL REVOLUTIONS AVG	131,515	WIND DIRECTION	210
AVERAGE R.P.M.	95.3	STATE OF SEA	mod.
TOTAL MILES BY ENGINE	490	STATE OF WEATHER	64°
TOTAL MILES BY OBSERVATION	403		

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. pmps Stby Flushing. MN Air Compressor. MN+ Aux Air Ejectors. MN+ Aux Circ pumps 2 MN.+ Aux Cond pmps. 1+2 Aux Generators. L.O. purifier. L.O.S. pmp. Fire + San pump. Stbd Steering Gear. Tested overspeed trip. Low Lo Alarm on MN turbine + Throttle. Stby @ 1216 (Weather) pumped Bilges. Checked steering F.R. Gear. Topped off port Inbd settler from #6 & DB. ~~1-1~~ @1413 Added 1-Gal Lo. oil to 1+2 MN. Feed pumps. Made Routine Inspections of Mach + Engs Spaces.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before on 18 nozzles. 1550 to 1615 blew tubes on #1 + 2 boilers. at 1553 on stby. at 1623 L.L. shifted and cleaned main L.O. strainer. Changed center burner on #1 + 2 boilers. at 1723 closed W.T.D's from the bridge. at 1810 secured steam heat to troop officer lounge, by order of the Master. Pumped out Cargo holes. Carried out routine sea watch.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH

UNDERWAY AS BEFORE 18 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEARING ENG, CLEANED BOTTOM ATOMIZERS #1 + 2 BLRS, PUMPED BILGES, CARRIED OUT UNDERWAY WATCH ROUTINE AND ALL STANDING ORDERS, ADVANCED CLOCKS 20 MIN AT 2300

WATCH ENGR'S SIGNATURE- Clemons

2400-0400 WATCH

Underway on 18 Nozz. Mach as Before. Changed + Cleaned top F.O. Burners + Stbd disch strainer. Advanced Clocks 20 mins @ 0100 Daily test of Stby L.O. Pump for 1-hr. Pumped Bilges. Topped off Port Inbd settler from #6 DB + 7 ¢ Checked Steering F.R. Gear. Cleaned + Inspected L.O. strainers on 1+2 Aux Generators. Added 1-Gal L.O. oil to 1+2 MN Feed pumps. Made Routine Inspections of Mach + Engs Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before on 18 nozzles, shifted and cleaned F.O. suct. strainer. at 0500 advanced clocks (20 mi). Checked machinery in Eng. room and outside spaces. Carried out standing and night orders. Routine underway watch.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH

UNDERWAY ON 16 NOZZLES, 0800 REDUCED SPEED TO 16 NOZZLES B.O.B. MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEARING ENGINE, 0820 FIRE ALARM TEST BY BRIDGE, BLEW TUBES ON 1+2 BLRS, CLEANED BOTTOM ATOMIZERS + PORT F.O. DISCH STRAINER, 1017 STBY BELL COLLISION DRILL, 1033 SEC FROM COLLISION DRILL, 1034 FULL AHEAD BELL 16 NOZZLES, PUMPED BILGES, CARRIED OUT UNDERWAY WATCH ROUTINE AND ALL STANDING ORDERS,

WATCH ENGR'S SIGNATURE- Clemons

CHIEF ENGINEER

BOILER WATER READINGS

STB'D (FS)	PORT (WS) - (FS)
HOURS 3502	HOURS 2591 - 968
AKL 7.59	AKL 7.59
T-AKL 11.68	T-AKL 11.10
SAL. 3.73	SAL. 4.14
PHOS. 42	PHOS. 38
R.ph	R.ph
50^{3}-43	50^{3}-45

(WS) 616

CHIEF ENGR'S SIGNATURE-

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	5-B	Vung Tau	Oakland Calif	P2-S2-R2	10-17-18-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	240	240	240	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	14228 8880	14235 0760	14272 300	1429 3950	1431 5420	1433 6880
TOTAL REVOLUTIONS (FOR WATCH)	22330	21880	21540	21630	21990	21460
AVERAGE RPM	93.0	91.1	89.8	90.1	89.6	89.6
F.O. METER (END OF WATCH)	9940 350	9942 670	9944 900	9947 180	9949 410	9951 640
F.O. CONSUMED	2590	2320	2230	2280	2230	2330
MACHINERY PARTICULARS – PRESSURES – THROTTLE	450	450	450	450	450	450
H.P. AHEAD	450	450	450	450	450	450
L.P. AHEAD	19.5	16	14	14	15	15
VACUUM	29"	29"	29"	29"	29"	29"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	3	3	3.5	3	3.5	3.5
H.P. BLEEDER	75	75	75	75	75	75
I.P. BLEEDER	–	–	–	–	–	
L.P. BLEEDER	14.5	14"	17"	17	14"	16"
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE	675	675	715	685	675	700
L. P. EXHAUST	95	91	94	92	95	95
CONDENSATE	89	86	88	89	89	89
CIRC. WATER IN	65	65	68	67	69	69
CIRC. WATER OUT	75	76	76	76	76	77
L.O. TO COOLERS	124	125	123	123	124	124
L.O. FROM COOLERS	106	108	107	106	108	107
TEMPERATURE THRUST BEARING	116	115	115	115	115	115
FORWARD H.P. ROTOR BEARING	125	120	123	123	122	124
AFT. H.P. ROTOR BEARING	134	134	130	134	134	134
FORWARD L.P. ROTOR BEARING	131	130	129	130	130	130
AFT. L.P. ROTOR BEARING	129	125	127	125	125	125

	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	154	155	153	155	155
HOTTEST GEAR BEARING AFT	150	146	142	147	148	144
AUX. COND. CONDENSATE	89	86	88	89	89	89
1ST STAGE FEED WATER HEATER	156	154	154	155	154	156
O. C. FEED WATER HEATER	240	240	240	240	240	240
2ND STAGE FEED WATER HEATER HO / LO	950 / 100	–	–		–	
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P	725	550	635	730	725	720
SUPER HEAT S	630	625	620	625	630	610
F.O. TO BURNERS	170	170	170	175	175	175
PRESSURE AIR TO FURNACE P	6.0	4.0	4.0"	4.0	4.0	4.0"
AIR TO FURNACE S	6.5	4.4	4.0"	4.5	4.0	3.0"
F.O. TEMP. IN SETTLING TANKS P	118	—			–	–
F.O. TEMP. IN SETTLING TANKS S	107	98	94	90	98	90
PORT BOILER UPTAKE	295	235	290	295	295	285
STBD. BOILER UPTAKE	290	225	275	280	280	260
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE	12	12	12	12	12	10
MAIN STEAM	460	460	460	460	460	460
F.O. TO BURNERS	175	175	150	170	155	160
MISCELLANEOUS – MAIN COND. SALINITY	.41	.41	.41	.41	.41	.40
ENGINE ROOM TEMPERATURE	80	80	80	80	80	82
FIRE ROOM TEMPERATURE	80	80	80	80	80	82
NOZZLES IN USE	15	14	14	14	12	12
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					81.5%	
CO_2 % STBD. BOILER					81.5%	
OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"	1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	460	675	9	120	110		62	1000	1000	240
	2	1200	460	675	7	134	119		54	1000	1000	240
1600 TO 2000	1	1200	460	675	9	118	110		62	900	900	240
	2	1200	460	675	7	132	116		54	900	900	240
2000 TO 2400	1	1200	450	715	9	120	116		62	950	950	240
	2	1200	450	715	7	132	116		55	950	950	240
2400 TO 0400	1	1200	450	680	9	118	110		62	900	900	240
	2	1200	450	680	7	134	120		54	900	900	240
0400 TO 0800	1	1200	460	675	9	118	110		62	800	800	240
	2	1200	460	675	7	132	120		54	800	800	240
0800 TO 1200	1	1200	460	675	9	120	110		62	900	900	240
	2	1200	460	675	7	134	118		54	900	900	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	9551740	BOILER WATER – ON HAND AT START OF DAY	284
FUEL OIL	METER PREVIOUS NOON	9537770	BOILER WATER – EVAPORATED OR RECEIVED	40
FUEL OIL	CONSUMED BY METER	13970	BOILER WATER – ON HAND	264
FUEL OIL	ON HAND AT START OF DAY	3826	BOILER WATER – CONSUMED	60
FUEL OIL	RECEIVED DURING DAY	-0-	LUBE OIL – ON HAND AT START OF DAY	1940
FUEL OIL	EXPENDED DURING DAY	512	LUBE OIL – RECEIVED	-0-
FUEL OIL	REMAINING ON BOARD	3314	LUBE OIL – ON HAND	1920
DOMESTIC WATER	ON HAND AT START OF DAY	1158	LUBE OIL – CONSUMED	20
DOMESTIC WATER	EVAPORATED OR RECEIVED	60	DIESEL OIL – ON HAND	1598 / 1595
DOMESTIC WATER	ON HAND	1080	DIESEL OIL – RECEIVED	-0-
DOMESTIC WATER	CONSUMED	138	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	4

SUMMARY

RUNNING TIME	1440	PROPELLER SLIP (%)	Pos. 11.9
DETENTION TIME	-0-	BBL FUEL/MI	1.22 / 1.07
TOTAL REVOLUTIONS	127925	WIND DIRECTION	230
AVERAGE R.P.M.	88.8	STATE OF SEA	Slight
TOTAL MILES BY ENGINE	477	STATE OF WEATHER	64°
TOTAL MILES BY OBSERVATION	420		

REMARKS

1200-1600 WATCH

UNderway on 16 Nozz. Mach. Inoperation #1+2 Boilers 1+2 F.O.S. Pmps 1+2 F.D. Blowers. 1+2 MN.F.P. pmps. Stby Floating MN. Air Compressor. MN+ Aux Air Ejectors. L.O. purifier. L.O.S. pump. MN+ Aux Circ. pmps 2 MN+ Aux Cond pmps. 1+2 Aux Generators. Fire+ San pump. Stbd Steering Gear. Tested overspeed trip Low L.O. Alarm on MN. Turbine+Throttl. Topped off port inbd sett. From #7 & DB. Pumped Bilges. Checked Steering E.R. Gear. Added 16 Gal L.O. on to 1+2 Feed Pmps. Pumped port outbd Settler out. Made Routine Inspections of Mach+ Engs Spaces.

WATCH ENGR'S SIGNATURE- George Barney

1600-2000 WATCH

Steaming on 16 Nozzles, 1550 to 1616 blew tubes on #1+2 boilers. at 1622 reduced speed to 14 nozzles B/O Bridge. Shifted and Cleaned Main L.O. strainer. Changed Center burner in #1+2 boilers, Day workers filled out board settler with sea water. 1750 Closed W.T. doors from bridge. Carried out routine sea watch.

WATCH ENGR'S SIGNATURE- John Jones

2000-2400 WATCH

UNDERWAY AS BEFORE 14 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL OPERATING MACHINERY INCLUDING STEARING ENGINE, CLEANED BOTTOM ATOMIZERS, PUMPED BILGES, CARRIED OUT UNDERWAY WATCH ROUTINE,

WATCH ENGR'S SIGNATURE- Clemmer

2400-0400 WATCH

UNderway on 14 Nozz Mach as Before. Changed + Cleaned top F.O. Burners and stbd disch. strainer. Daily test of Stby L.O. pump for 1-hr. Added 16 Gal L.O. on to 1+2 MN. Feed pumps. pumped Bilges. Cleaned + Inspected L.O. Strainers on 1+2 Aux Generators. Topped off port inbd. Settlers From #8 B/S Checked steering E.R. Gear. Made Routine Inspections of Mach+ Engs Spaces.

WATCH ENGR'S SIGNATURE- George Barney

0400-0800 WATCH

Steaming as before on 14 Nozzles, shifted and Cleaned F.O. port strainer. Pumped out Cargo holes and Eng. room bilge. at 0645 reduced speed to 12 Nozzles B/O Bridge. Carried out standing and night orders routine sea watch.

WATCH ENGR'S SIGNATURE- John Jones

0800-1200 WATCH

UNDERWAY AS BEFORE 12 NOZZLES, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEARING ENGINE, CLEANED BOTTOM ATOMIZERS AND PORT F.O. DISCH STRAINER, PUMPED BILGES + 4-5 HOLD PUMPED BUTCHER SHOP SUMP, BLEW TUBES, 0805 FIRE ALARM TEST BY BRIDGE, OPENED AND CLEANED LUBE OIL SETTELING TANK CLOSED SAME, CARRIED OUT UNDERWAY WATCH ROUTINE AND ALL STANDING ORDERS,

WATCH ENGR'S SIGNATURE- Clemmer

CHIEF ENGINEER

BOILER WATER READINGS

STBD (FS)	PORT (WS) (FS)
(WS) 6199 LS 3526	LS 2615 - 992
AFL 8.18	AFL 9.34
T AFL 12.85	T AFL 14.02
SAL. 3.31	SAL. 3.31
PHOS. 42	PHOS. 45
R.ph 10.5	R.ph 10.5
50³-50	50³-52

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE TAP-110	5-B	VUNG TAU	OAKLAND CALIF	P2-S2-R2	10-18-19-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1435 8320	1437 6970	1439 3840	1441 1080	1442 8530	1444 8290
TOTAL REVOLUTIONS (FOR WATCH)	21440	18650	16870	17240	17450	19760
AVERAGE RPM	89.3	77.7	77.4	78.4	79.3	82.3
F.O. METER (END OF WATCH)	9954 060	9955 840	9957 400	9959 050	9960 820	9962 710
F.O. CONSUMED	2320	1780	1560	1650	1770	1890
MACHINERY PARTICULARS – PRESSURES – THROTTLE	450	450	450	450	450	450
H.P. AHEAD	450	355	375	390	400	430
L.P. AHEAD	15	5	5	7	7	9
VACUUM	29"	29"	28.8"	29"	29"	28.8"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	135	140	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	4	2.0	3	3	3	4
H.P. BLEEDER	75	75	60	60	60	60
I.P. BLEEDER	–	–			–	–
L.P. BLEEDER	16	14"	20"	20"	20"	18"
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE	660	645	690	640	640	680
L. P. EXHAUST	95	87	86	87	89	89
CONDENSATE	90	84	82	84	84	82
CIRC. WATER IN	69	70	69	68	68	65
CIRC. WATER OUT	78	76	73	74	74	72
L.O. TO COOLERS	123	120	120	118	120	122
L.O. FROM COOLERS	106	107	108	106	107	107
TEMPERATURE THRUST BEARING	115	114	114	114	114	115
FORWARD H.P. ROTOR BEARING	124	120	120	119	118	121
AFT. H.P. ROTOR BEARING	133	129	130	130	130	130
FORWARD L.P. ROTOR BEARING	130	126	126	125	125	130
AFT. L.P. ROTOR BEARING	125	124	122	122	124	123

	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	153	135	135	135	135	140
HOTTEST GEAR BEARING AFT	147	140	136	141	141	140
AUX. COND. CONDENSATE	90	84	82	84	84	82
1ST STAGE FEED WATER HEATER	155	146	146	148	148	150
D. C. FEED WATER HEATER	240	240	241	240	240	240
[illegible] WATER HEATER HP	.050	–	–	–	–	
[illegible] LP	100					
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P	725	725	735	725	645	705
SUPER HEAT S	600	580	585	580	580	595
F.O. TO BURNERS	175	175	175	175	175	175
PRESSURE AIR TO FURNACE P	4.0	4.0	2.5"	2.0	2.0	3.0"
AIR TO FURNACE S	3.5"	2.6	2.0"	2.5	3.4	3.0"
F.O. TEMP. IN SETTLING TANKS P	76	–			–	
F.O. TEMP. IN SETTLING TANKS S	106	102	92	87	98	100
PORT BOILER UPTAKE	290	220	270	275	285	275
STBD. BOILER UPTAKE	265	205	255	255	215	255
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE	12	10	10	12	10	10
MAIN STEAM	460	460	460	460	460	460
F.O. TO BURNERS	160	185	190	200	200	200
MISCELLANEOUS – MAIN COND. SALINITY	.41	.41	.41	.41		.41
ENGINE ROOM TEMPERATURE	81	80	78	77	76	75
FIRE ROOM TEMPERATURE	81	80	78	77	76	75
NOZZLES IN USE	12	–	–	Thrott	–	THROTTLE
NO. OF BURNERS IN USE P	3	2	2	2	2	2
NO. OF BURNERS IN USE S	3	2	2	2	2	2
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					83%	
CO_2 % STBD. BOILER					83%	
OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"	1'4"

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	450	660	9	120	110		62	950	950	240
	2	1200	450	660	7	135	122		54	950	950	240
1600 TO 2000	1	1200	460	645	9	118	110		62	850	850	240
	2	1200	460	645	7	132	120		54	850	850	240
2000 TO 2400	1	1200	460	690	9	117	110		62	900	900	240
	2	1200	460	690	7	134	118		54	900	900	240
2400 TO 0400	1	1200	460	640	9	118	110		62	900	900	240
	2	1200	460	640	7	134	119		54	900	900	240
0400 TO 0800	1	1200	460	640	9	118	110		62	900	900	240
	2	1200	460	640	7	132	116		54	900	900	240
0800 TO 1200	1	1200	460	680	9	119	110		62	900	900	240
	2	1200	460	680	7	132	116		54	900	900	240

FUEL - WATER AND LUBE OIL

FUEL OIL – METER AT NOON	9962710	
FUEL OIL – METER PREVIOUS NOON	9951740	
FUEL OIL – CONSUMED BY METER	10970	
FUEL OIL – ON HAND AT START OF DAY	3,314	
FUEL OIL – RECEIVED DURING DAY	-0-	
FUEL OIL – EXPENDED DURING DAY	384	
FUEL OIL – REMAINING ON BOARD	2,930	
DOMESTIC WATER – ON HAND AT START OF DAY	1080	
DOMESTIC WATER – EVAPORATED OR RECEIVED	44	
DOMESTIC WATER – ON HAND	1054	
DOMESTIC WATER – CONSUMED	70 ~~88~~	
BOILER WATER – ON HAND AT START OF DAY	264	
BOILER WATER – EVAPORATED OR RECEIVED	62	
BOILER WATER – ON HAND	320	
BOILER WATER – CONSUMED	6	
LUBE OIL – ON HAND AT START OF DAY	1920	
LUBE OIL – RECEIVED	-0-	
LUBE OIL – ON HAND	1900	
LUBE OIL – CONSUMED	20	
DIESEL OIL – ON HAND	1596 1593	
DIESEL OIL – RECEIVED	-0-	
DIESEL OIL – CONSUMED	2	

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

RUNNING TIME	1380	PROPELLER SLIP (%) Pos	13.07
DETENTION TIME	-0-	BBL FUEL/MI	1.07 .93
TOTAL REVOLUTIONS	110,845	WIND DIRECTION	260
AVERAGE R.P.M.	80.3	STATE OF SEA	SLIGHT
TOTAL MILES BY ENGINE	413	STATE OF WEATHER	59°
TOTAL MILES BY OBSERVATION	359		

REMARKS

1200-1600 WATCH

UNderWAY ON 12 NOZZ. MACH INoperation #1+2 Boilers. 1+2 F.D. Blowers 1+2 Gcs. pmps. 1+2 MN.F.D. pumps. MN AIR Compressor. MN. + AUX AIR Ejectors. MN+AUX Circ pmps. 2 MN+AUX Cond. PMPS. L.O. purifier. L.O.S. pump. 1+2 AUX GENERATORS. FIRE + SAN PUMP. Stbd Steering Gear. Tested overspeed trip LOW LO. ALARM ON MN Turbine. + Throtl. Added 1 GAL L.O. ea to 1+2 Feed pumps. pumped Bilges. Topped off Port Inbd settler FROM #8 P/S Checked Steering E.R. GEAR. Fire drill @1515 Secured @1531 Tested Fire pump Relief valve Poped @ 125# psi Boat drill @1532 Sec. @1539 Stb, @1515 ~~LH~~ @1539 General ALARM Not Ringing Proper. Made Routine inspections of Mach + E.R. SPACES. WATCH ENGR'S SIGNATURE- George Barnes

1600-2000 WATCH

Steaming as before on 12 nozzles at 1600 reduced speed to 80 RPM. Closed all nozz. Controle values, B/O of the Bridge. 1605 to 1630 blew tubes on #1+2 boilers. at 1720 Closed W.T. doors from the bridge. Carried out Watch routine

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH

UNDERWAY AS BEFORE 80 RPMS, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEARING ENG, PUMPED BILGES + #4-5 hold, CARRIED OUT REGULAR UNDERWAY WATCH ROUTINE AND ALL STANDING ORDERS,

WATCH ENGR'S SIGNATURE- Clemons

2400-0400 WATCH

UNderWAY 80 RPM MACH AS Before Changed + Cleaned top F.O. BURNERS + stbd disch STRAINER. Advanced Clocks 20 MINS @ 0000. Daily test of Stby L.O. PUMP FOR 1-hr. INSPected + Cleaned L.O. STRAINERS ON 1+2 AUX GENERATORS. Added 1-GAL L.O. ea to #1+2 Feed PUMPS. Topped off Port Inbd settler FROM #8 P/S. Pumped Bilges. Checked Steering E.R. GEAR. Made Routine Inspections of Mach + Engs SPACES.

WATCH ENGR'S SIGNATURE- George Barnes

0400-0800 WATCH

Steaming as before 80 RPM. shifted and Cleaned F.O. Suct. strainer, at 0600 advanced Clocks (20 min) Carried out Standing and Night orders, routine sea watch. at 0725 increased speed to 84 RPM. B/O Bridge

Conditions Normal.

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH

UNDERWAY AS BEFORE 84 RPMS, MACHINERY IN USE AS BEFORE, CHECKED ALL MACHINERY IN USE INCLUDING STEARING ENGINE, 0814 FIRE ALARM TEST BY BRIDGE, BLEW TUBES ON 1+2 BLRS, CLEANED TOP ATOMIZERS AND PORT F.O. DISCH STRAINER, PUMPED BILGES AND #1-5 HOLD, CARRIED OUT UNDERWAY WATCH ROUTINE AND ALL STANDING ORDERS,

WATCH ENGR'S SIGNATURE- Clemons

CHIEF ENGINEER

BOILER WATER READINGS

(WS) STB'D (FS)	PORT (WS) (FS)
4213 HOURS 3550	HOURS 2639 - 1014
AKL 8.76	AKL 8.76
T-AKL 12.85	T-AKL 13.43
SAL. 3.73	SAL. 3.73
PHOS. 40	PHOS. 45
R.ph 10.5	R.ph 10.5
50 - 48	50 - 50

CHIEF ENGR'S SIGNATURE- Everett E. Lemon

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope-Tarlac	5-B	Vung Tau	Oakland Calif	P2-S2-R2	10-19-20-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	120	
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1446 8020	1448 7840	1450 6170	1452 4620	1453 2830	
TOTAL REVOLUTIONS (FOR WATCH)	19730	19820	18330	18450	8210	
AVERAGE RPM	82.2	82.6	83.3	83.9	68.4	~~9973~~ ~~380~~
F.O. METER (END OF WATCH)	9964 720	9966 700	9968 530	9970 430	9971 900	9972 900
F.O. CONSUMED	2010	1980	1830	1900	1470	~~1480~~ 1000
MACHINERY PARTICULARS – PRESSURES – THROTTLE	455	450	450	450	450	
H.P. AHEAD	440	445	450	450	190	
L.P. AHEAD	10	10	11	11	–	
VACUUM	28.8"	28.8"	29"	29"	29"	28"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	4.5	3.5	3	3.5	2.5	7
H.P. BLEEDER	60	60	60	60	60	
I.P. BLEEDER	–	–	–	–	–	
L.P. BLEEDER	18.5	16"	18"	18"	–	28"
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE	640	640	670	635	575	
L. P. EXHAUST	87	85	85	82	75	143
CONDENSATE	83	80	78	76	66	66
CIRC. WATER IN	65	62	60	57	60	65
CIRC. WATER OUT	72	72	66	65	62	64
L.O. TO COOLERS	122	122	122	120	118	110
L.O. FROM COOLERS	106	108	107	104	107	106
TEMPERATURE THRUST BEARING	115	114	115	114	114	110
FORWARD H.P. ROTOR BEARING	122	118	120	119	115	110
AFT. H.P. ROTOR BEARING	132	130	131	130	125	115
FORWARD L.P. ROTOR BEARING	129	128	129	126	120	115
AFT. L.P. ROTOR BEARING	123	122	120	120	118	120

	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	141	138	140	140	136	105
HOTTEST GEAR BEARING AFT	143	142	139	143	132	105
AUX. COND. CONDENSATE	83	80	~~47~~ 78	76	66	66
1ST STAGE FEED WATER HEATER	150	144	150	148	120	80
D. C. FEED WATER HEATER	240	240	240	240	240	240
~~AFT STAGE FEED WATER HEATER~~ HP	1050	–	–	–	–	
~~AFT STAGE FEED WATER HEATER~~ LP	100					
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P	700	630	690	700	600	620
SUPER HEAT S	580	550	585	585	530	525
F.O. TO BURNERS	175	175	175	175	175	175
PRESSURE AIR TO FURNACE P	3.0	3.0	3.5	3.0	2.0	1.0
PRESSURE AIR TO FURNACE S	3.5	3.8	3.5	3.0	2.0	1.0
F.O. TEMP. IN SETTLING TANKS P	–	–	–	–	–	
F.O. TEMP. IN SETTLING TANKS S	97	100	98	96		
PORT BOILER UPTAKE	275	270	265	270	275	310
STBD. BOILER UPTAKE	255	255	255	265	260	285
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE	12	12	12	12	10	10
MAIN STEAM	460	460	460	460	460	450
F.O. TO BURNERS	215	210	220	225	150	106
MISCELLANEOUS – MAIN COND. SALINITY	.41	.41	.41	.41		.41
ENGINE ROOM TEMPERATURE	77	74	72	71	72	74
FIRE ROOM TEMPERATURE	77	74	72	71	72	74
NOZZLES IN USE	Throttle	—	–	–	–	
NO. OF BURNERS IN USE P	2	2	2	2	1	1
NO. OF BURNERS IN USE S	2	2	2	2	1	1
BURNER TIP SIZE P	53/70	53/70	53/70	53/70	53/70-60	60/53
BURNER TIP SIZE S	53/70	53/70	53/70	53/70	53/70-60	60/53
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"	1'1"

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	450	640	9	119	110		62	900	900	240
	2	1200	480	640	7	124	118		54	900	900	240
1600 TO 2000	1	1200	460	640	9	116	110		62	850	850	240
	2	1200	460	640	9	132	118		54	850	850	240
2000 TO 2400	1	1200	450	670	9	116	110		62	800	800	240
	2	1200	450	670	7	132	114		54	800	800	240
2400 TO 0400	1	1200	450	635	9	116	110		62	800	800	240
	2	1200	450	635	7	131	116		54	800	800	240
0400 TO 0800	1	1200	450	575	9	120	115		62	850	850	240
	2	1200	450	575	7	130	118		55	850	850	240
0800 TO 1200	1	1200	450	600	9	120	110		62	850	850	240
	2	1200	450	600	7	132	114		55	850	850	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1972450	BOILER WATER	ON HAND AT START OF DAY	320
	METER PREVIOUS NOON	1962710		EVAPORATED OR RECEIVED	37
	CONSUMED BY METER			ON HAND	340
	ON HAND AT START OF DAY	2,930		CONSUMED	11
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	1900
	EXPENDED DURING DAY	319		RECEIVED	-0-
	REMAINING ON BOARD	2,611		ON HAND	1880
DOMESTIC WATER	ON HAND AT START OF DAY	1054		CONSUMED	20
	EVAPORATED OR RECEIVED	52	DIESEL OIL	ON HAND	1593 / 1592
	ON HAND	1050		RECEIVED	-0-
	CONSUMED	56		CONSUMED	1

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

RUNNING TIME	1020	PROPELLER SLIP (%)	
DETENTION TIME	-1-	BBL FUEL/MI	
TOTAL ~~AVG~~ REVOLUTIONS	83475	WIND DIRECTION	
AVERAGE R.P.M.	81.8	STATE OF SEA	
TOTAL MILES BY ENGINE	311	STATE OF WEATHER	
TOTAL MILES BY OBSERVATION			

REMARKS

1200-1600 WATCH

UNderway 84 RPM. Mach. Inoperation #1+2 Boilers 1+2 F.D. Blowers 1+2 F.O. pmps. 1+2 MN F.P. pumps. MN. Air Compressor. MN+Aux Air Ejectors. MN+Aux Circ. pmps. L.O. purifier. L.O.S. pmp. 2 MN + Aux Cond. pumps. 1+2 Aux Generators. Fire+ San pump. Stbd Steering Gear. Tested overspeed trip Low L.O. Alarm on MN. turbine + Throtl. Topped off port inbd settler from #8 P/S. pumped Bilges. Checked Steering Ex. Gear. Pumped out port outbd settler. Added 1Gal L.O. to 1+2 MN. Feed pmps. Made Routine Inspections of mach + Engs spaces. Weekly test of Emergency Equipment + Safety devices made by Chief Eject

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before at 84 RPM. 1550 to 1615 blew tubes on #1+2 boilers. Shifted and Cleaned Main L.O. strainer. Changed and Cleaned Center burner on #1+2 boilers. Water washed bilges with fire hose and Pumped out water. 1750 Closed W.T. doors from the bridge. Carried out watch routine. Added 2 gal. oil to #2 main feed pump.

WATCH ENGR'S SIGNATURE- H M Jones.

2000-2400 WATCH

UNderway As Before 84 R.P.M's, Machinery In use As Before. Checked All Machinery In use Including Steering Engine, Pumped Butcher Shop Sump And Engine Room Bilges, Held E-13 Engineering Casualty Drill At 2100 Notified Bridge. Carried out Underway Watch Routine And All Standing Orders,

WATCH ENGR'S SIGNATURE- Clemons

2400-0400 WATCH

UNderway 84 RPM Mach As Before Changed + Cleaned top F.O. Burners + stbd disch strainer. Advanced Clocks 20 mins @0030 Daily test of Sty L.O. pump For 1 hr. Held Engs Casualty drill E-13 Serious Steam Leak Requiring Abandonment of the Machinery Space. Watch Inst + Bridge Notified. 0100-0130 Topped off Port inbd settler from #8 P/S. Flushed + pumped Bilges. Checked Steering Ex. Gear. Added 1 Gal L.O. to #1 MN Feed pump. Made Routine Inspections of Mach. + Engs Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before at 84 RPM. at 0400 advanced clocks (20 min). 0400 to 0430 held Casualty drill E-13 serious steam leak requiring abandonment of the space. four men present. 0427 reduced speed to 81 RPM B/O Bridge. All other speed changes as per bell book. Arrival 0600. CTR-14532830-FOM-P-6651110-FIM-S-3320190. At 1555 shifted to High sea suction at 0635 secured Evaps.

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH

In Port Alameda Naval Air Station, Finished With Engines At 0850, 0900 Closed #1+2 Boiler Main Steam Stops, Main Steam Line Stops, Astern Steam Guarding Stop, 0905 Engaged Main Engine Jacking Gear. Cleaned All Atomizers In Use, Added 1 Gal Lube Oil To #1 Main Boiler Feed Pump, Machinery In Use As Before, Checked All Machinery In Use, Secured #2 Boiler @ 1145

WATCH ENGR'S SIGNATURE- Clemons

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
	6-A				10-20-21-66

	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)	3321 440	3321 820	3322 190	3322 780		
F.O. CONSUMED	480	380	370	590		
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM	28"	28"	28"	28"	28"	
L.O. TO TURBINES	12	12	12	12	12	
AUX. STEAM	140	140	140	140	140	
BACK PRESSURE	9	9	9	9	9	
GLAND STEAM	7	7	7	7	7	
H.P. BLEEDER	—	—				
I.P. BLEEDER	—	—				
L.P. BLEEDER	—	—				
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE	—	—				
L. P. EXHAUST	140	115	94	73	90	
CONDENSATE	70	66	66	69	68	
CIRC. WATER IN	65	65	65	65	65	
CIRC. WATER OUT	64	66	64	65	65	
L.O. TO COOLERS	112	112	109	109	109	
L.O. FROM COOLERS	108	107	102	104	105	
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		65	66	66	69	69	
1ST STAGE FEED WATER HEATER		80	78	80	80	80	
D. C. FEED WATER HEATER		240	240	240	241	240	
3RD STAGE FEED WATER HEATER		—	—	—			
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT	P	—	—	—			
	S	580	545	550	575	575	
F.O. TO BURNERS		175	172	172	175	175	
AIR TO FURNACE	P						
	S						
F.O. TEMP. IN SETTLING TANKS	P						
	S	95	98	96	98	95	
PORT BOILER UPTAKE		—					
STBD. BOILER UPTAKE		280	250	245	255	250	
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE		12	10	10	10	10	
MAIN STEAM		450	450	450	450	450	
F.O. TO BURNERS		145	145	145	200	200	
MISCELLANEOUS – MAIN COND. SALINITY		.41		.2	.1	.41	
ENGINE ROOM TEMPERATURE		75	72	71	70	71	
FIRE ROOM TEMPERATURE		75	72	71	70	71	
NOZZLES IN USE		—	—				
NO. OF BURNERS IN USE	P						
	S	2	2	2	3	2	
BURNER TIP SIZE	P						
	S	53/60	53/60	53/60	60	60	
CO_2 % PORT BOILER		—					
CO_2 % STBD. BOILER		—					
OIL LEVEL MAIN SUMP		1'2"	1'2"	1'2"	1'2"	1'2"	

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	450	680	9	120	110	~~64~~	61	750	750	240
	2	1200	450	680	7	130	114	~~54~~	54	750	750	240
1600 TO 2000	1	1200	450	~~670~~ 550	9	118	110		62	750	750	240
	2	1200	450	~~670~~ 550	7	130	116		55	750	750	240
2000 TO 2400	1	1200	450	590	9	119	110		62	850	850	240
	2	1200	450	590	7	132	114		55	850	850	240
2400 TO 0400	1	1200	450	575	9	119	110		62	750	750	240
	2	1200	450	575	7	132	116		55	750	750	240
0400 TO 0800												
0800 TO 1200												

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER – ON HAND AT START OF DAY	340
	METER PREVIOUS NOON	5572420	EVAPORATED OR RECEIVED	
	CONSUMED BY METER		ON HAND	
	ON HAND AT START OF DAY	2,611	CONSUMED	
	RECEIVED DURING DAY	-0-	LUBE OIL – ON HAND AT START OF DAY	1880
	EXPENDED DURING DAY	151	RECEIVED	
	REMAINING ON BOARD	2,460	ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1050	CONSUMED	
	EVAPORATED OR RECEIVED		DIESEL OIL – ON HAND	1592
	ON HAND		RECEIVED	
	CONSUMED		CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4	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 ALAMEDA NAVAL AIR STATION, # 1 BOILER, # 1-2 AUX GEN, MAIN UNIT ON JACKING GEAR, WITH VAC UP. ROUTINE INSP OF MACH SPACES. NORMAL PORT WATCH.

OILER, DIERS. FWT. HINDS. BROOKS. Elec WATCH ENGR'S SIGNATURE- Clemons.

1600-2000 WATCH

IN PORT, ALAMEDA NAVAL AIR STATION, #1 BOILER DARKEY, #1 & #2 GEN. IN SERVICE, MAIN UNIT ON JACKING GEAR, MAINTAINING VACUUM -- AFT. BULKHEAD W.T. DOOR STUCK PARTIALLY OPEN -- MADE ROUTINE INSPECTION ROUNDS OF MACHINERY SPACES. NORMAL PORT WATCH.

OILER - NEVILLE F.W.T. - PECK ELECT - BROOKS WATCH ENGR'S SIGNATURE- G. L. Hearn Relief Engr.

2000-2400 WATCH

IN PORT ALAMEDA NAVAL AIR STATION -- CONDITIONS AS PER 1600-2000 - MADE ROUTINE ROUNDS, PLANT NORMAL - ADDED 2 qts. LUBE OIL TO #1 MN. FEED PUMP.

OILER: GOODNOUGH F.W.T: LANG ELECT: BROOKS WATCH ENGR'S SIGNATURE- G. L. Hearn Relief Engr.

2400-0400 WATCH

MACHINERY AS BEFORE. ROUTINE PORT WATCH. COMPLIED WITH NIGHT & STANDING ORDERS. PERFORMED FREQUENT INSPECTIONS OF MAIN & AUX MACH. SPACES. VENTED PORT BOILER AT 25 PSI.

OILER - DIERS FWT - HINDS ELECT. BROOKS WATCH ENGR'S SIGNATURE- C. R. Spector 2/E

0400-0800 WATCH

AS BEFORE. TESTED TELEGRAPH AT 0600. REQUESTED & RECEIVED PERMISSION FROM BRIDGE TO ROLL MAIN ENGINE AT 0605. DISENGAGED J.G. & OPENED MAIN STEAM STOP @ 0615. TESTED TELEGRAPH & TIME CHECK @ 0734

OILER - DIERS FWT - HINDS ELECT - BROOKS WATCH ENGR'S SIGNATURE- Clemons.

0800-1200 WATCH

SHIFTING SHIP FROM NAS ALAMEDA TO Todd Shipyard ALAMEDA. FWE @ 1009 SECURED MAIN STM STOPS & ENGAGED JACKING GEAR @ 1015 POWER FROM DOCK @ 1100 hours. SECURED # 1-2 GENERATORS. SECURED JACKING GEAR & LUBE OIL CYCLE @ 1300 hours.

WATCH ENGR'S SIGNATURE- Clemons.

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
	6-A				10-21-22-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
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							
1ST STAGE FEED WATER HEATER							
D. C. FEED WATER HEATER							
3RD STAGE FEED WATER HEATER							
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT	P						
	S						
F.O. TO BURNERS							
AIR TO FURNACE	P						
	S						
F.O. TEMP. IN SETTLING TANKS	P						
	S						
PORT BOILER UPTAKE							
STBD. BOILER UPTAKE							
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE							
MAIN STEAM							
F.O. TO BURNERS							
MISCELLANEOUS – MAIN COND. SALINITY							
ENGINE ROOM TEMPERATURE							
FIRE ROOM TEMPERATURE							
NOZZLES IN USE							
NO. OF BURNERS IN USE	P						
	S						
BURNER TIP SIZE	P						
	S						
CO_2 % PORT BOILER							
CO_2 % STBD. BOILER							
OIL LEVEL MAIN SUMP							

GENERATORS

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

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED
	CONSUMED BY METER			ON HAND
	ON HAND AT START OF DAY			CONSUMED
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY
	EXPENDED DURING DAY			RECEIVED
	REMAINING ON BOARD	2460		ON HAND 1860
DOMESTIC WATER	ON HAND AT START OF DAY			CONSUMED
	EVAPORATED OR RECEIVED		DIESEL OIL	ON HAND
	ON HAND			RECEIVED
	CONSUMED			CONSUMED

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

RUNNING TIME		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 DRY DOCK @ TODD SHIPYARD. SHIPS LIGHTS, POWER, WATER STEAM & AIR FROM THE DOCK. YARD WORKMEN WORKING IN ENGINE SPACES, MADE ROUTINE INSPECTION OF MACH SPACES

WATCH ENGR'S SIGNATURE- [illegible]

1600-2000 WATCH

DRY DOCKED, TODD'S, ALAMEDA. YARD WORKERS ABOARD -- PUMPED BILGES, MADE ROUTINE INSPECTIONS OF MACHINERY SPACES.

OILER- GOODNOUGH- REEFER- GORDON WATCH ENGR'S SIGNATURE- G. L. Tearn R/E

2000-2400 WATCH

AS ABOVE, REPAIRS CONTINUING, DRAINING AFT PEAK, PUMPED BILGES MADE ROUTINE INSPECTIONS OF MACHINERY SPACES

OILER GOODNOUGH REEFER- GORDON WATCH ENGR'S SIGNATURE- G. L. Tearn R/E

2400-0400 WATCH

AS BEFORE. DRAINING AFT PEAK. YARD WORKERS CONTINUED WORKING ON VARIOUS TASKS AS PER CONTRACT. MADE ROUTINE INSPECTIONS OF MACH SPACES.
BILGES AT SAFE LEVELS.

OILER- DIERS REEFER- MARVIN WATCH ENGR'S SIGNATURE- C.R. Spector R/E

0400-0800 WATCH

AS BEFORE. CONTINUED DRAINING AFT PEAK. COMPLIED WITH NIGHT & STANDING ORDERS
YARD WORKERS WORKING ON CONTRACT ITEMS.
BILGES AT SAFE LEVELS.

OILER- DIERS REEFER- MARVIN WATCH ENGR'S SIGNATURE- C.R. Spector R/E

0800-1200 WATCH

AS BEFORE. YARD CREW WORKING ON CONTRACT ITEMS AS PER SPECIFICATIONS.
CONTINUED DRAINING AFT PEAK.
ROUTINE SECURITY WATCH.
BILGES AT SAFE LEVELS

OILER- MCGINNIS REEFER- KRUPP WATCH ENGR'S SIGNATURE- C.R. Spector R/E

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
	6-A				10-22-23-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
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						
	1ST STAGE FEED WATER HEATER						
	D. C. FEED WATER HEATER						
	3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES	SUPER HEAT P						
	SUPER HEAT S						
	F.O. TO BURNERS						
	AIR TO FURNACE P						
	AIR TO FURNACE S						
	F.O. TEMP. IN SETTLING TANKS P						
	F.O. TEMP. IN SETTLING TANKS S						
	PORT BOILER UPTAKE						
	STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES	F. O. BACK PRESSURE						
	MAIN STEAM						
	F.O. TO BURNERS						
MISCELLANEOUS	MAIN COND. SALINITY						
	ENGINE ROOM TEMPERATURE						
	FIRE ROOM TEMPERATURE						
	NOZZLES IN USE						
	NO. OF BURNERS IN USE P						
	NO. OF BURNERS IN USE S						
	BURNER TIP SIZE P						
	BURNER TIP SIZE S						
	CO_2 % PORT BOILER						
	CO_2 % STBD. BOILER						
	OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER			ON HAND	
	ON HAND AT START OF DAY			CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	
	EXPENDED DURING DAY			RECEIVED	
	REMAINING ON BOARD	2,4 60		ON HAND	1540
DOMESTIC WATER	ON HAND AT START OF DAY			CONSUMED	
	EVAPORATED OR RECEIVED		DIESEL OIL	ON HAND	
	ON HAND			RECEIVED	
	CONSUMED			CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

RUNNING TIME		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
AS BEFORE - YARD WORKERS ABOARD - MADE ROUTINE INSPECTIONS -

OILER - McGINNIS REEFER - KRUPP WATCH ENGR'S SIGNATURE- G.L. Hearn R/Engr

1600-2000 WATCH
AS BEFORE - YARD CREWS WORKING - MADE ROUTINE INSPECTIONS

Oiler - Goodnough Reefer - Herigstad WATCH ENGR'S SIGNATURE- G.L. Hearn R/Engr

2000-2400 WATCH
AS BEFORE - SHORE GANGS WORKING - MADE ROUTINE INSPECTIONS -

Oiler - Goodnough Reefer - Herigstad WATCH ENGR'S SIGNATURE- G.L. Hearn R/Engr

2400-0400 WATCH
AS BEFORE. ALL SERVICES BEING FURNISHED FROM DOCK.
YARD GANGS WORKING ON STERN TUBE & VARIOUS VALVES IN MACH. SPACES.
MADE ROUTINE INSPECTIONS OF MACH. SPACES.
BILGES AT SAFE LEVELS.

OILER - DIERS REEFER - MARVIN WATCH ENGR'S SIGNATURE- C.R. Specter R/E

0400-0800 WATCH
AS BEFORE. ROUTINE PORT WATCH.
YARD CREWS STILL WORKING ON STERN TUBE & VALVES IN MACH. SPACES
BILGES O.K

OILER - DIERS REEFER - MARVIN WATCH ENGR'S SIGNATURE- C.R. Specter R/E

0800-1200 WATCH
AS BEFORE. ROUTINE INSPECTIONS OF MACH. SPACES.
YARD CREW WORKING ON CONTRACT ITEMS.
BILGES O.K.

OILER - McGINNIS REEFER - MARVIN WATCH ENGR'S SIGNATURE- C.R. Specter R/E

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE- [illegible]

A 6025