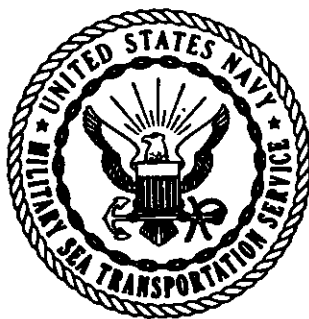


FORWARD ENGINE ROOM

ENGINE ROOM LOG

GEARED TURBINE DRIVE



USNS Gen. John Pope - (Tap-110)

FROM ⁰⁰⁰⁰ 1 MAY 19 67 TO ¹²⁰⁰ 1 JUNE 19 67

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.

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 Cam Rahn Bay Mach. IN OPERATION #1 & 2 BOLLERS 1 & 2 F.W. 13 LOWERS 1 & 2 F.W.S. PUMPS. 1 & 2 M.A. F.D. PUMPS. M.A. N.A.R. COMPRESSOR. M.A. N.A.R. EJECTOR. M.A. C.R.C. & COND. PUMPS L.C. PURIF. CR. L.O.S. PUMP. 1 & 2 AUX GENERATORS. AUX AIR EJECTOR. AUX C.R.C. & COND. PUMPS. A.C. UNIT. FIRE SAM PUMP. Inspected & Cleaned M.A. L.O. DISCH STRAINERS. Held Eng's Casualty drill E-1 ERRATIC OR UNSTABLE Voltage - ship's Service Switchboard Watch Inst & Bridge Notified 0400-0430 Cleaned $\frac{1}{2}$ F.O. DISCH STRAINERS. Pumped Bilges to safe level. Made Routine Rounds on Mach & Eng's SPACES Complied with Consts 4700-7. Oiler BURR. FWT MORAN. Refuel Gentel. Exec Porter. *George Bunney*

0400-0800 WATCH

AT ANCHOR machinery AS BEFORE. Held Eng CASUALTY Drill E-1 4 men present Bridge Notified 0430 TO 0500. Sec. Jacking Gear @ 0510 stem to main unit @ 0512 Rolling same @ 0511 Tasted Talc @ 0531 Time Check @ 0536. Stky @ 0619. OTR. 27788500 F.W. P-7539000 S-4162590 F.W.E. @ 0727 OTR. 27789100 F.W. P-7539140 S-4162780. Bolls AS per Bill Book. S.W. stem to main unit @ 0728. Jacking Gear Engaged @ 0729. Shifted ship from anchor to dock.

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

In port, Cam Rahn Bay, Mach in operation as before, 0830 put stem jacking pump in service, Secured #2 main fuel pump, Repacked #1 & 3 Cylinder plungers, Bilges and Cargo holds at safe level. Made Rounds & Insp of Mach & Eng spaces, Complied with Consts 4700-7

1030 to 1100 Held Eng Casualty Drill E-1 4 men present Bridge Notified

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

Stbd. Port

Humr 1609	Humr 511
AKL 8.18	AKL 8.18
TAKL 11.68	TAKL 11.68
SAL. 4.14	SAL. 4.56
Phos 30	Phos 30
R.Ph. 10	R.Ph. 10
So ³ 30	So ³ 30
Ph. Cond. 8.0	

CHIEF ENGR'S SIGNATURE-

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Gen John F. C. L. TAP-110		8		CHM Rohn 13114		Vung Tau		P2-52-K2		5-1-2-67	
WATCH											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
WATCH											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
MACH. PARTICULARS (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											
SUPER HEAT											
F.O. TO BURNERS											
AIR TO FURNACE											
F.O. TEMP. IN SETTLING TANKS											
PORT BOILER UPTAKE											
STBD. BOILER UPTAKE											
F. O. BACK PRESSURE											
MAIN STEAM											
F.O. TO BURNERS											
MAIN COND. SALINITY											
ENGINE ROOM TEMPERATURE											
FIRE ROOM TEMPERATURE											
NOZZLES IN USE											
NO. OF BURNERS IN USE											
BURNER TIP SIZE											
CO2 % PORT BOILER											
CO2 % STBD. BOILER											
OIL LEVEL MAIN SUMP											
MACHINERY PARTICULARS											
THROTTLE											
H.P. AHEAD											
L.P. AHEAD											
VACUUM											
L.D. TO TURBINES											
AUX. STEAM											
BACK PRESSURE											
GLAND STEAM											
H.P. BLEEDER											
I.P. BLEEDER											
L.P. BLEEDER											
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											
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											
FUEL OIL											
METER AT NOON											
METER PREVIOUS NOON											
CONSUMED BY METER											
ON HAND AT START OF DAY											
RECEIVED DURING DAY											
EXPENDED DURING DAY											
REMAINING ON BOARD											
DOMESTIC WATER											
ON HAND AT START OF DAY											
EVAPORATED OR RECEIVED											
ON HAND											
CONSUMED											
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)											
L.O. CENTRIFUGE - HOURS OPERATED											
SUMMARY											
RUNNING TIME											
DETENTION TIME											
TOTAL REVOLUTIONS											
AVERAGE R.P.M.											
TOTAL MILES BY ENGINE											
TOTAL MILES BY OBSERVATION											
PROPELLER SLIP (%)											
BBL FUEL MI											
WIND DIRECTION											
STATE OF SEA											
STATE OF WEATHER											

REMARKS

1200-1600 WATCH

IN PORT of CAM ROHN BAY PIER #2 MACH IN OPERATION #1 & 2 BOLLERS 102 FC BOLLERS 102 FC. PUMPS. 7 MAIN & STBY FC PUMPS. MAIN AIR COMPRESSOR. MAIN AIR EXHAUST. MIN CIRC & COND PUMPS. L.O. PURIFIER. LUB PUMP. 102 H.P. GENERATOR. AUX AIR EXHAUST. MIN CIRC & COND. PUMPS. H.C. UNIT. T. K. COOLING PUMP. MAX UNIT ON TAKING GEAR WITH VACUUM UP. CHECKED STEERING GEAR. BILGES AT H. SAFE LEVEL. PUMPED UP PORT SETTLERS FROM #4 & DEEP TK. INSPECTED & CLEANED MAIN L.O. DISCH STRAINERS. DAILY TEST of STBY L.O. PUMP. PUMPED BILGES. CHECKED STEERING GEAR. MADE ROUTINE ROUNDS ON MACH & ENG'S SPACES. COMPLIED WITH COMSTS 4700-7.

WATCH ENGR'S SIGNATURE-

George Bunn

1600-2000 WATCH

IN PORT machinery AS BEFORE. TAKING GEAR OUT @ 1556. STBY TO MIN. UNIT @ 1557. ROLLING 32 MG @ 1558. TESTED T.O. @ 1602. TURN AHEAD @ 1608. STBY 1740. LTR. 27789300. P.M. - P. 7540090. S. 4163920. D. 1730. LTR. 27771300. FOM. P. 7540220. S. 4163940. BOLLERS AS BEFORE. BOLL. SPEED 14. 110221/25. COMPLIED WITH COMSTS 4700-7. PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

L. Harris

2000-2400 WATCH

Underway, Steaming 14 KNOTS. Shift & Clean 70. disch strainers P+S, Shift & Clean L.O. strainers #1 & 2. Generators, Pumped bilges & Cargo holds. Made Rounds & Insp of Mach & Eng spaces. Complied with Comsts Inst 4700-7.

WATCH ENGR'S SIGNATURE-

R. Summers

2400-0400 WATCH

Underway Reduced Speed to 70 RPM 10 NOZZ. 1/3 Bridge @ 0000. MACH AS BEFORE. 64 RPM 1/3 Bridge @ 0000. Changed & Cleaned Center F.C. BURNERS & 1/2 DISCH STRAINERS. PUMPED UP PORT SETTLERS FROM #4 & DEEP TK. INSPECTED & CLEANED MAIN L.O. DISCH STRAINERS. DAILY TEST of STBY L.O. PUMP. PUMPED BILGES. CHECKED STEERING GEAR. MADE ROUTINE ROUNDS ON MACH & ENG'S SPACES. COMPLIED WITH COMSTS 4700-7.

WATCH ENGR'S SIGNATURE-

George Bunn

0400-0800 WATCH

Underway 64 RPM machinery AS BEFORE. Reduced speed from 64 TO 54 RPM @ 0500. 1/3 Bridge. Changed & cleaned F.C. BURNERS & SUCT. S. FURNACE. Repaired Cargo Glass. Complied with Comsts 4700-7. PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

L. Harris

0800-1200 WATCH

Arriving in port, Vung Tau, @ 0800 Increase speed to 60 RPM. BOLL @ 0800 STBY, Manoeuvring fills as per fill book, 0800 to 0830 flow tops on #1 & 2 BOLLERS. @ 1030 Secured #1 Feed pump to Repair plungers. STBY feed pump on line, Made Rounds & Insp of Mach & Eng spaces. Complied with Comsts 4700-7.

WATCH ENGR'S SIGNATURE-

R. Summers

CHIEF ENGINEER

Eng util Ken Working on #1 Bidge pump.

ROTOR POSITION FULL ASTERN H.P. -.030, L.P. -.090

STBD	PORT	STBY 0810	FWE - 0955
HULLS 16.33	HULLS 5.35	Arrival - 0812	FROM CTR - 27852210
AKL 8.18	AKL 8.18	CTR - 27848820	R.FOM - 27852210
T-AKL 11.68	T-AKL 11.68	P.FOM - 2543200	S.FOM - 7543
SAL 4.56	SAL 4.56	S.FOM - 4166290	P.FOM - 7543490
Phos 30	Phos 30		S.FOM - 4162090
R.Ph 10	R.Ph 10		
Sc3 28	Sc3 30		
Ph. Cond. 8.0			

CHIEF ENGR'S SIGNATURE-

George Bunn

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Gen John POPE TAP-10		E		Vung Tau		NSC OARLAN CALIF		P2-S2-K2		5-2-3-67	
WATCH											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
RUNNING TIME30											
DETENTION TIME											
REVOLUTION COUNTER (END OF WATCH)27856820											
TOTAL REVOLUTIONS (FOR WATCH)1000											
AVERAGE RPM100.0											
F.O. METER (END OF WATCH)117115201171216011712740117134201171401011714580											
F.O. CONSUMED700640580620590870											
MACH. PARTICULARS (CONT'D)											
HOTTEST GEAR BEARING FORWARD											
HOTTEST GEAR BEARING AFT											
AUX. COND. CONDENSATE115114113116											
1ST STAGE FEED WATER HEATER108104105106											
D. C. FEED WATER HEATER240240240240											
3RD STAGE FEED WATER HEATERH.P.L.P.											
SUPER HEATP578570590590610S580580590590610											
F.O. TO BURNERS165165165165											
AIR TO FURNACEP.5.5.5.1.0.1.5S1010101010											
F.O. TEMP. IN SETTLING TANKSP9595959590S9595959795											
PORT BOILER UPTAKE359270270280260											
STBD. BOILER UPTAKE270260270275250											
F. O. BACK PRESSURE											
MAIN STEAM											
F.O. TO BURNERS1001009090100											
MAIN COND. SALINITY.41.41.41.41.41											
ENGINE ROOM TEMPERATURE9595959288											
FIRE ROOM TEMPERATURE9595959288											
NOZZLES IN USE											
NO. OF BURNERS IN USEP11111S11111											
BURNER TIP SIZEP51/5551/5551/5551/5551/55S51/5551/5551/5551/55											
CO2 % PORT BOILER											
CO2 % STBD. BOILER											
DIL LEVEL MAIN SUMP1'6"1'0"1'0"1'0"1'0"											
MISCELLANEOUS											
PRESSURES											
THROTTLE											
H.P. AHEAD											
L.P. AHEAD											
VACUUM28.028.027.528.028.0											
L.O. TO TURBINES1313131313											
AUX. STEAM150150150150152											
BACK PRESSURE1010101010											
GLAND STEAM1.01.01.01.01.0											
H.P. BLEEDER											
L.P. BLEEDER											
STEAM AT THROTTLE120											
L. P. EXHAUST127120116110110											
CONDENSATE9394959392											
CIRC. WATER IN8990868789											
CIRC. WATER OUT9090909090											
L.O. TO COOLERS113114114112112											
L.O. FROM COOLERS110110110110110											
TEMPERATURE THRUST BEARING											
FORWARD H.P. ROTOR BEARING											
AFT. H.P. ROTOR BEARING											
FORWARD L.P. ROTOR BEARING											
AFT. L.P. ROTOR BEARING											
GENERATORS											
WATCH											
GENERATOR NUMBERR.P.M.STEAM PRESSURESTEAM TEMP.L.O. PRESSUREL.O. TO COOLERL.O. FROM COOLERTEMP. OF HOTTEST BEARINGL.O. GOVERNOR PRESSUREAMPS POSITIVEAMPS NEGATIVEVOLTS											
1200 TO 1600											
11200430580912571562600600235											
21200430580713912963650600235											
1600 TO 2000											
11200430590912511562500500235											
21200430570714013063600600235											
2000 TO 2400											
11200430590912411362600600235											
21200430590714012863600600235											
2400 TO 0400											
11200430590912411462600600235											
21200430590714012963650600235											
0400 TO 0800											
11200430610912211262500500235											
21200430610714012963600600235											
0800 TO 1200											
11200430610912511462600600235											
21200430610714012963600600235											
FUEL - WATER AND LUBE OIL											
METER AT NOON11714880											
METER PREVIOUS NOON11710820											
CONSUMED BY METER4060											
ON HAND AT START OF DAY15,201											
RECEIVED DURING DAY-0-											
EXPENDED DURING DAY158											
REMAINING ON BOARD15,043											
ON HAND AT START OF DAY692											
EVAPORATED OR RECEIVED-0-											
ON HAND543											
CONSUMED149											
ON HAND AT START OF DAY107											
EVAPORATED OR RECEIVED-0-											
ON HAND90											
CONSUMED17											
ON HAND AT START OF DAY1900											
RECEIVED-0-											
ON HAND1890											
CONSUMED10											
ON HAND1130											
RECEIVED1128											
CONSUMED2											
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)											
3											
L.O. CENTRIFUGE - HOURS OPERATED											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
2144444											
SUMMARY											
RUNNING TIME30											
DETENTION TIME-0-											
TOTAL REVOLUTIONS2585											
AVERAGE R.P.M.86.2											
TOTAL MILES BY ENGINE9											
TOTAL MILES BY OBSERVATION											
PROPELLER SLIP (%)											
BBL FUEL MI											
WIND DIRECTION											
STATE OF SEA											
STATE OF WEATHER											

REMARKS

1200-1600 WATCH

AT Anchor Vung Tau. Mach In operation #1 & 2 Boilers & 2 F.W. Blowers & 2 F.C.S. Pumps. #2 Cond & Stby F.W. pumps. MAIN A.R. COMPRESSOR. MAIN A.R. EJECTOR. MAIN CIRC & COND PUMPS. L.O. PURIFIER. L.O.S. PUMP. #1 & 2 AUX GENERATORS. AUX A.R. EJECTOR. AUX CIRC & COND PUMP. A.C. UNIT. JACKING GEAR RUNNING ON MAIN UNIT WITH VACUUM UP. F.R.C. & SAN PUMP REPAIRS COMPLETED ON #1 MAIN F.W. PUMP. GEAR TESTED SAME & PUT ON THE LINE. CHANGED & CLEANED F.C. BURNERS & 1/2 DISCH. STRAINERS. Bilges at safe level. Drymen making repairs on Bilges pump. Made Routine Rounds on Mach & Eng's spaces. Complied with Comsts 4700-7.

WATCH ENGR'S SIGNATURE-

Meark Bunny

1600-2000 WATCH

Port watch at Anchor machinery in operation as before changed & cleaned F.C. BURNERS & SUCK. STRAINERS. Complied with Comsts 4700-7. Pumped Bilges.

WATCH ENGR'S SIGNATURE-

L. Harris

2000-2400 WATCH

At Anchor, Vung Tau, Cleaned & Shift F.C. Disch. strainers P & S, Made Rounds & Insp of Mach & Eng spaces. Complied with Comsts Inst 4700-7. Bilges at safe level.

Enter, Lowell, J. & Towards Refuel-Manning, Elect-Brooks.

WATCH ENGR'S SIGNATURE-

R. Summers

2400-0400 WATCH

AT Anchor Mach as before. Changed & cleaned F.C. burners & 1/2 disch. strainers. Inspected & cleaned main L.O. disch. strainers. Pumped up port settlers from #4 & 1200 F.W. Bilges at safe level. Made Routine Rounds on Mach & Eng's spaces. Complied with Comsts Inst 4700-7.

ORDER BARR. 1500. Morgan Refuel Gatch Elect Brooks.

WATCH ENGR'S SIGNATURE-

J. Bunny

0400-0800 WATCH

Port watch at Anchor machinery in operation as before changed & cleaned F.C. BURNERS & SUCK. STRAINERS. Complied with Comsts 4700-7.

WATCH ENGR'S SIGNATURE-

L. Harris

0800-1200 WATCH

In Port lighting off, 1030 @ 0925 Disengaged Jacking gear @ 0925 Wheel Clearance, @ 0927 open main stops. @ 0930 Test engine Telegraph @ 0935 Roll main Engine by steam, @ 0955 Test steering gear. @ 1000 #1 & 2 Eng Rooms Manned & Ready, maneuvering falls as per full stop. Made Rounds & Insp of Mach & Eng spaces, Comp with Comsts 4700-7. Bilges at safe level.

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

STbd	PORT	STBY 1030	Departure @ 1130
Hours 1657	Hours 559	Ctr. - 27852710	Ctr.
AKL 8.18	AKL 8.18	P-FOM - 7545520	P-FOM
T-AKL 11.68	T-AKL 11.68	S-FOM - 4169050	S-FOM
S2L 4.56	S2L 4.97		
Phos 30	Phos 30		
R.Ph 10	R.Ph 10		
SO ³ 26	SO ³ 28		
Ph. Cond. 8.0			

CHIEF ENGR'S SIGNATURE-

Meark Bunny

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Gen John Pope TAP-110		8		VUNG TAI		NSC OAKLAND CALIF		P2-S2-R2		5-3-4-67	

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			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			156	153	156	156	158	155
DETENTION TIME															
REVOLUTION COUNTER (END OF WATCH)		2787	2790	2792	2794	2797	2799			147	147	145	146	145	145
TOTAL REVOLUTIONS (FOR WATCH)		22710	23130	23510	23940	24380	23380			117	120	116	118	118	116
AVERAGE RPM		95.4	96.3	98.6	97.7	96.2	97.4			168	170	168	168	168	166
F.O. METER (END OF WATCH)		1171	1172	1172	1172	1172	1173			240	240	240	240	240	240
F.O. CONSUMED		2450	2810	2850	2970	2800	2940								

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
THROTTLE		440	440	440	440	440	440			660	690	700	670	700	695
H.P. AHEAD		440	440	440	440	440	440			670	640	700	680	700	695
L.P. AHEAD		28	28	29	29	28	28			165	165	165	165	165	165
VACUUM		27.8	27.5	27.5	28.0	28.0	28.0			5.2	5.0	5.5	5.5	5.5	5.5
L.O. TO TURBINES		12	12	12	12	12	12			5.8	6.0	6.0	6.0	6.5	6.0
AUX. STEAM		150	152	150	150	152	150			9.0	9.2	9.5	9.3	9.2	9.8
BACK PRESSURE		9	9	9	9	9	9			9.3	9.0	9.5	8.8	9.2	9.0
GLAND STEAM		1.0	1.0	1.0	1.0	1.0	1.0			345	325	335	340	345	325
H.P. BLEEDER		70	70	70	70	70	70			345	330	345	355	340	330
L.P. BLEEDER		6	6	6	6	6	6								
L.P. BLEEDER		9"	9"	9"	9"	9"	9"								
STEAM AT THROTTLE		685	690	700	695	700	695								
L. P. EXHAUST		116	116	115	116	115	116								
CONDENSATE		113	112	113	114	112	113								
CIRC. WATER IN		88	89	86	88	86	85								
CIRC. WATER OUT		99	99	98	100	99	98								
L.O. TO COOLERS		128	129	128	128	127	128								
L.O. FROM COOLERS		110	110	110	110	110	110								
TEMPERATURE THRUST BEARING		119	120	118	119	119	119								
FORWARD H.P. ROTOR BEARING		120	120	124	126	124	124								
AFT. H.P. ROTOR BEARING		140	140	139	141	141	138								
FORWARD L.P. ROTOR BEARING		135	135	133	134	134	133								
AFT. L.P. ROTOR BEARING		130	130	128	130	130	128								

		GENERATORS												FUEL - WATER AND LUBE OIL													
		GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS														
1200 TO 1600	1	1200	440	685	9	126	116			62	800	800	235	METER AT NOON	11732200	ON HAND AT START OF DAY	90	METER PREVIOUS NOON	11714880	EVAPORATED OR RECEIVED	77	CONSUMED BY METER	17320	ON HAND	135		
	2	1200	440	685	7	141	131			63	750	700	235	ON HAND AT START OF DAY	15043	CONSUMED	32	RECEIVED DURING DAY	-0-	ON HAND AT START OF DAY	1890	EXPENDED DURING DAY	721	RECEIVED	-0-		
1600 TO 2000	1	1200	440	690	9	125	115			62	750	750	235	REMAINING ON BOARD	14322	ON HAND	1885	ON HAND	543	CONSUMED	5	ON HAND	1128	CONSUMED	3		
	2	1200	440	690	7	140	130			63	700	700	235	ON HAND AT START OF DAY	543	ON HAND	1125	EVAPORATED OR RECEIVED	93	ON HAND	1125	CONSUMED	3	CONSUMED	3		
2000 TO 2400	1	1200	440	700	9	123	113			62	600	600	235	ON HAND	570	ON HAND	1125	ON HAND	570	ON HAND	1125	ON HAND	1125	ON HAND	1125	ON HAND	1125
	2	1200	440	700	7	140	128			63	600	600	235	CONSUMED	66	CONSUMED	3	CONSUMED	66	CONSUMED	3	CONSUMED	3	CONSUMED	3	CONSUMED	3
2400 TO 0400	1	1200	440	695	9	124	114			62	750	750	235	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)													
	2	1200	440	695	7	140	130			63	700	700	235	4 4 4 4 4 4													
0400 TO 0800	1	1200	440	700	9	125	115			62	800	800	235	L.O. CENTRIFUGE - HOURS OPERATED													
	2	1200	440	700	7	140	130			63	700	700	235	4 4 4 4 4 4													
0800 TO 1200	1	1200	440	690	9	123	113			62	750	750	235	SUMMARY													
	2	1200	440	690	7	140	129			63	750	750	235	RUNNING TIME 1440													
														DETENTION TIME		-0-		PROPELLER SLIP (%)		Pos. 7.09							
														TOTAL REVOLUTIONS		136,385		BBL FUEL MI		1.42							
														AVERAGE R.P.M.		94.7		WIND DIRECTION		170°							
														TOTAL MILES BY ENGINE		508		STATE OF SEA		3'							
														TOTAL MILES BY OBSERVATION		472		STATE OF WEATHER		990							

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ. MACH IN OPERATION #1+2 BOILERS 1+2 F.W. BLOWERS 1+2 F.O.S. PUMPS. 1+2 M.H. PUMPS. M.H. COMPRESSOR. M.H. AIR EJECTOR. M.H. CIRC. & COND. PUMPS. L.O. PURIFIER. L.O.S. PUMP. 1+2 D.M. GENERATORS. A.M. AIR EJECTOR. A.M. CIRC. & COND. PUMPS. A.C. UNIT. FIRE & SUD. PUMP. STBD STEERING GEAR. DAILY TEST OF M.H. THROTT. CHANGED & CLEANED CENTER F.O. BURNERS & 1/2 DISCH. STRAINER. PUMPED UP PORT SETTLERS FROM #4 & DEEP TR. CHECKED STEERING GEAR. REPAIRS COMPLETED ON 13.2% PUMPELAW. PUMPED 13.2% MADE ROUTINE ROUNDS ON MACH & ENG'S SPACES. COMPLIED WITH COMSTS INST 4700-7.

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

UNDERWAY 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. BLOW TUBES ON PORT & STBD. BOILERS @ 1600. CHANGED & CLEANED F.O. BURNERS & SUCT. STRAINERS. SEC. 1 EJECT. BL. F.W. PUMP TIGHTENING MARGAN NUT. SAME @ 1730. COMPLIED WITH COMSTS 4700-7. PUMPED 13.2%. CHECKED STEERING GEAR.

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

UNDERWAY, STEAMING 18 NOZZ, CLEANED & CHANGED TOP FURNERS #1+2 BOILERS. SHIFT & CHANGE 70. DISCH. STRAINERS #1+2. SHIFT & CLEAN L.O. STRAINERS #1+2. MADE ROUNDS & SNAP OF MACH & ENG SPACES, PUMPED BILGES & CARGO HOLDS. COMPLIED WITH COMSTS INST 4700-7.

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS BEFORE. CHANGED & CLEANED CENTER F.O. BURNERS & 1/2 DISCH. STRAINERS. DAILY TEST OF STBY L.O. PUMP. INSPECTED & CLEANED MAIN L.O. DISCH. STRAINERS. HELD ENGS CASUALTY DRILL E-2 FIRE BEHIND SHIP'S SERVICE SWITCHBOARD WATCH INST & BRIDGE NOTIFIED @ 0130. PUMPED UP PORT SETTLERS FROM #4 & DEEP TR. PUMPED 13.2%. CHECKED STEERING GEAR. MADE ROUTINE ROUNDS ON MACH & ENG'S SPACES. COMPLIED WITH COMSTS INST 4700-7.

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

UNDERWAY 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. CHANGED & CLEANED F.O. BURNERS & SUCT. STRAINERS. LIFT OFF M.H. EVAP @ 0400 STBD BLOW ON COILS. BLOW SEC. SAME @ 0715. ADDED COMPOUND TO STBD. BOILER. HELD ENG CASUALTY DRILL E-2 4 MEN PRESENT BRIDGE NOTIFIED. COMPLIED WITH COMSTS 4700-7. PUMPED 13.2%.

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

UNDERWAY, STEAMING 18 NOZZ, 0800 to 0830 BLOW TUBES ON #1+2 BOILERS, CLEANED & CHANGED TOP FURNERS #1+2, SHIFT & CLEAN 70 DISCH STRAINERS, SHIFT & CLEAN L.O. STRAINERS #1+2. 0900 to 0930 HELD ENG CASUALTY DRILL E-2, 4 MEN PRESENT BRIDGE NOTIFIED. MADE ROUNDS & SNAP OF MACH & ENG SPACES. COMPLIED WITH COMSTS INST 4700-7, PUMPED BILGES & CARGO HOLDS.

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

STBD PORT

HOURS 1681 HOURS 583

AKL 8.76 AKL 8.18

FAKL 12.85 FAKL 11.68

S2L 3.73 S2L 4.97

PHOS 30 PHOS 30

R.P.H. 10 R.P.H. 10

S23 40 S23 40

PH COND. 8.0

CHIEF ENGR'S SIGNATURE-

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	8	VUNG THU	NSC CHARKIND COLT	P2-S2-R2	5-4/5-67

							WATCH						
							1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
RUNNING TIME							240	240	240	240	240	240	
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)							2801 9520	2804 2816	2806 5920	2809 7330	2811 2552	2813 6110	
TOTAL REVOLUTIONS (FOR WATCH)							23250	23280	23110	23410	23220	23560	
AVERAGE RPM							96.9	97.0	96.3	97.5	96.7	98.0	
F.O. METER (END OF WATCH)							1173 5170	1173 4980	1174 0860	1174 5240	1174 6700	1174 9650	
F.O. CONSUMED							2970	2810	2880	2980	2860	2950	
PRESSURES	THROTTLE	440	440	440	440	440	440						
	H.P. AHEAD	440	440	440	440	440	440						
	L.P. AHEAD	28	28	28	28	28	28						
	VACUUM	28.0"	28.0"	28.0"	28.0"	28.0"	28.0						
	L.O. TO TURBINES	12	12	12	12	12	12						
	AUX. STEAM	150	150	150	150	150	150						
	BACK PRESSURE	9	10	10	10	10	10						
	GLAND STEAM	1.0	1.0	1.0	1.0	1.0	1.0						
	H.P. BLEEDER	70	70	70	70	70	70						
	L.P. BLEEDER	6	6	6	6	6	6						
L.P. BLEEDER	9"	9"	9"	9"	9"	9"							
TEMPERATURES	STEAM AT THROTTLE	685	695	695	700	700	700						
	L. P. EXHAUST	117	116	116	113	114	115						
	CONDENSATE	114	112	113	111	110	113						
	CIRC. WATER IN	88	88	85	85	85	83						
	CIRC. WATER OUT	99	99	98	96	96	96						
	L.O. TO COOLERS	129	128	128	128	128	128						
	L.O. FROM COOLERS	118	110	110	110	110	110						
	TEMPERATURE THRUST BEARING	119	119	118	117	118	118						
	FORWARD H.P. ROTOR BEARING	126	125	124	125	124	124						
	AFT. H.P. ROTOR BEARING	140	141	137	140	141	138						
FORWARD L.P. ROTOR BEARING	135	135	133	134	135	133							
AFT. L.P. ROTOR BEARING	130	130	128	128	130	128							
TEMPERATURES	HOTTEST GEAR BEARING FORWARD	158	155	155	156	157	155						
	HOTTEST GEAR BEARING AFT	147	148	145	146	147	145						
	AUX. COND. CONDENSATE	116	120	114	113	116	116						
	1ST STAGE FEED WATER HEATER	168	168	166	166	168	164						
	D. C. FEED WATER HEATER	240	240	240	240	240	238						
	3RD STAGE FEED WATER HEATER	117 100	117 100	117 100	117 100	117 100	117 100						
	SUPER HEAT	P S	665 675	695 695	660 695	700 700	700 700						
	F.O. TO BURNERS		150	150	150	150	150						
	PRESSURE AIR TO FURNACE	P S	5.2 5.7	5.5 6.5	5.5 6.0	5.5 6.2	5.5 6.5						
	F.O. TEMP. IN SETTLING TANKS	P S	90 90	90 90	90 88	90 85	90 90						
PORT BOILER UPTAKE		350	350	340	342	340	335						
STBD. BOILER UPTAKE		350	325	335	348	345	330						
PRESSURES	F. O. BACK PRESSURE												
	MAIN STEAM		440	440	440	440	440						
	F.O. TO BURNERS		175 175	170 170	170 170	180 180	170 170						
	MAIN COND. SALINITY		.41	.41	.41	.41	.41						
	ENGINE ROOM TEMPERATURE		98	97	96	94	94	98					
	FIRE ROOM TEMPERATURE		98	97	96	94	94	98					
	NOZZLES IN USE		18	18	18	18	18	18					
	NO. OF BURNERS IN USE	P S	3 3	3 3	3 3	3 3	3 3	3 3					
	BURNER TIP SIZE	P S	5 1/5 5 1/5	5 1/5 5 1/5	5 1/5 5 1/5	5 1/5 5 1/5	5 1/5 5 1/5	5 1/5 5 1/5					
	CO ₂ % PORT BOILER												
CO ₂ % STBD. BOILER													
OIL LEVEL MAIN SUMP		1'2"	1'2"	1'2"	1'2"	1'2"	1'2"						

		GENERATORS											FUEL - WATER AND LUBE OIL										
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	FUEL OIL			BOILER WATER		LUBE OIL		DIESEL OIL			
													METER AT NOON	METER PREVIOUS NOON	CONSUMED BY METER	ON HAND AT START OF DAY	RECEIVED DURING DAY	EXPENDED DURING DAY	REMAINING ON BOARD	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED
1200 TO 1600	1	1200	440	685	9	120	116		62	700	700	235		11749650			ON HAND AT START OF DAY	1365					
	2	1200	440	695	7	141	131		63	750	700	235		11732200			EVAPORATED OR RECEIVED	60					
1600 TO 2000	1	1200	440	695	9	125	115		62	800	800	235		17450			ON HAND	160					
	2	1200	440	695	7	140	128		63	700	700	235		14322			CONSUMED	35					
2000 TO 2400	1	1200	440	695	9	123	113		62	700	700	235		- 0 -			ON HAND AT START OF DAY	1885					
	2	1200	440	695	7	139	127		63	700	700	235		702			RECEIVED	- 0 -					
2400 TO 0400	1	1200	440	700	9	123	113		62	700	700	235		13620			ON HAND	1880					
	2	1200	440	700	7	138	127		63	650	650	235		570			CONSUMED	5					
0400 TO 0800	1	1200	440	700	9	123	113		62	800	800	235		145			ON HAND	1125					
	2	1200	440	700	7	138	127		63	700	700	235		618			RECEIVED	1122					
0800 TO 1200	1	1200	440	700	9	123	112		62	700	700	235		97			CONSUMED	3					
	2	1200	440	700	7	138	127		63	700	700	235											
													LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)										
													21	4	4	4	4	4					
													L.O. CENTRIFUGE - HOURS OPERATED										
													1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200					
													4	4	4	4	4	4					
													SUMMARY										
													RUNNING TIME	1440	PROPELLER SLIP (%)	Pos. 10.4							
													DETENTION TIME	- 0 -	BBL FUEL/MI	1.37							
													TOTAL REVOLUTIONS	136,705	WIND DIRECTION	Lt. Breeze							
													AVERAGE R.P.M.	94.9	STATE OF SEA	CALM							
													TOTAL MILES BY ENGINE	510	STATE OF WEATHER	81°							
													TOTAL MILES BY OBSERVATION	447									

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ MACH INOPERATION #1+2 BOILERS. 1+2 I.F. BLOWERS. 1+2 F.O.S. PUMPS. 1+2 MIN. I.F. PUMPS. MIN. A.R. COMPRESSOR. MIN. AIR EJECTOR. MIN. CIRC. COND. PUMPS. L.O. PURIFIER. L.O.S. PUMP. 1+2 AUX. GENERATORS. AUX. AIR EJECTOR. AUX. CIRC. COND. PUMPS. H.C. UNIT. FIRE & SNOW PUMP. STBD STEERING GEAR. DAILY test of MIN Thrust. Changed & cleaned center f.o. burners & 1/2 disch. STRAINERS. Secured FIRE & SNOW SYSTEM & I.F. PUMPS. MAKING REPAIRS. PUMPED UP PORT SETTLERS FROM #4 & DEEP + K. Checked STEERING ER GEAR. PUMPED BILGES. FIRE & SNOW SYSTEM back in operation @ 1445. Made Routine Rounds on MACH & ENGR'S SPACES. Complied with COMSTS INST 4700.7

WATCH ENGR'S SIGNATURE-

M. Bunney

1600-2000 WATCH

UNDERWAY 18 NOZZLES machinery INOPERATION AS BEFORE. Blown Tubes on Port & STBD. Bilges @ 1600. Lit off M.U. Evap. @ 1730 STBD Boiler on cont. Blow Sec. Same @ 1915. changed & cleaned F.O. Burners & suet. strainer. Complied with COMSTS. 4700.7. Renewed Gaskets & class in space. Cage Class. Pumped Bilges.

WATCH ENGR'S SIGNATURE-

L. Harris

2000-2400 WATCH

Underway, Steaming 18 Nozz, Cleaned & changed top burners P+S., Shift & Cleaned 7.0. Disch. strainers P+S., Shift & Clean L.O. strainers #1+2 Gen. Made Rounds & Insp of mach & Eng spaces, Pumped filges & Cargo holds. Comp with Comsts 4700-7.

WATCH ENGR'S SIGNATURE-

R. Summers

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS BEFORE. Changed & cleaned center f.o. burners & 1/2 disch. STRAINERS. DAILY test of stby L.O. pump. Inspected & cleaned 17th L.O. disch. STRAINER. PUMPED UP PORT SETTLERS FROM #4 & DEEP & STRIPED OUT #4 & 5 & DBTK. Checked stacking ER GEAR. PUMPED Bilges. Made Routine Rounds on MACH & ENGR'S SPACES. Complied with COMSTS INST 4700.7

WATCH ENGR'S SIGNATURE-

M. Bunney

0400-0800 WATCH

underway 18 NOZZLES machinery INOPERATION AS BEFORE. Lit off M.U. Evap. Port Boiler on cont. Blow @ 0400. Added compound to STBD & Port Bilges. Renewed Gaskets & class on space. Cage Class. Complied with Comsts 4700.7 Pumped Bilges. Sec. M.U. Evap. @ 0715. Sec. Port Boiler from cont. Blow.

WATCH ENGR'S SIGNATURE-

L. Harris

0800-1200 WATCH

Underway, Steaming 18 Nozz, 0800 to 0830 blew tubes on #1+2 Boilers, Cleaned & changed top burners P+S., Shift & Clean 7.0. disch strainers P+S., Shift & Clean L.O. strainers #1+2 Generators. @ 0930 Shift 7.0. suet to Inboard Settle. Pumped filges & Cargo holds, Made Rounds & Insp of mach & Eng spaces, Complied with Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE-

R. Summers

CHIEF ENGINEER

STBD PORT

Hours 1705 Hours 607

AKL 8.76 AKL 8.18

T-AKL 12.26 T-AKL 11.68

SAL 2.90 SAL 3.31

Phos 30 Phos 30

R.Ph 10 R.Ph 10

SO³ 45 SO³ 40

PH. COND. 8.0

CHIEF ENGR'S SIGNATURE-

C. E. Harris

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
GEN John POPE TAP-110		8		VANG TAW		NSC OAKLAND CALIF		P2-S2-R2		5-5/6-67	

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		220	240	240	240	240	240								
DETENTION TIME															
REVOLUTION COUNTER (END OF WATCH)		2815	2818	2820	2822	2825	2827								
TOTAL REVOLUTIONS (FOR WATCH)		23520	23200	23550	23410	23170	23710								
AVERAGE RPM		97.2	96.7	98.1	97.5	96.6	98.7								
F.O. METER (END OF WATCH)		1175	1175	1175	1175	1176	1176								
F.O. CONSUMED		3020	2980	2830	2790	2830	2950								

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
HOTTTEST GEAR BEARING FORWARD		150	154	155	156	158	155								
HOTTTEST GEAR BEARING AFT		147	147	145	146	147	145								
AUX. COND. CONDENSATE		118	108	116	114	114	114								
1ST STAGE FEED WATER HEATER		168	168	165	168	163	165								
O. C. FEED WATER HEATER		240	240	240	240	240	240								
3RD STAGE FEED WATER HEATER															
SUPER HEAT		P 675	700	705	675	700	695								
F.O. TO BURNERS		175	170	150	150	150	150								
AIR TO FURNACE		P 5.8	5.5	6.0	6.0	5.5	5.5								
F.O. TEMP. IN SETTLING TANKS		P 85	85	85	87	87	90								
PORT BOILER UPTAKE		300	330	345	370	365	340								
STBD. BOILER UPTAKE		300	325	360	345	340	340								
F. O. BACK PRESSURE				12											
MAIN STEAM		440	440	440	440	440	440								
F.O. TO BURNERS		180	175	175	175	180	170								
MAIN COND. SALINITY		41	41	41	41	41	41								
ENGINE ROOM TEMPERATURE		98	94	94	92	93	96								
FIRE ROOM TEMPERATURE		98	94	94	92	93	96								
NOZZLES IN USE		18	18	18	18	18	18								
NO. OF BURNERS IN USE		P 3	3	3	3	3	3								
BURNER TIP SIZE		P 5/55	5/55	5/55	5/55	5/55	5/55								
CO2 % PORT BOILER															
CO2 % STBD. BOILER															
OIL LEVEL MAIN SUMP		1'2"	1'2"	1'2"	1'2"	1'2"	1'2"								

		GENERATORS										FUEL - WATER AND LUBE OIL			
		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	METER AT NOON	ON HAND AT START OF DAY
1200 TO 1600	1	1200	2400	700	9	126	116		62	800	800	235		11767250	160
	2	1200	2400	700	7	141	131		63	800	750	235		11749650	99
1600 TO 2000	1	1200	2400	710	9	122	112		62	650	700	235		17600	177
	2	1200	2400	710	7	139	128		63	650	700	235		13620	32
2000 TO 2400	1	1200	2400	705	9	120	110		62	700	700	235		0	1880
	2	1200	2400	705	7	138	126		63	700	700	235		699	0
2400 TO 0400	1	1200	2400	700	9	122	112		62	800	800	235		12920	1870
	2	1200	2400	700	7	139	128		63	800	750	235		618	10
0400 TO 0800	1	1200	2400	695	9	121	111		62	800	800	235		153	1122
	2	1200	2400	695	7	138	126		63	700	700	235		720	1120
0800 TO 1200	1	1200	2400	695	9	121	111		62	700	700	235		51	2
	2	1200	2400	695	7	138	126		63	700	700	235			

		L.O. CENTRIFUGE - HOURS OPERATED						SUMMARY	
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	RUNNING TIME	PROPELLER SLIP (%)
		4	4	4	4	4	4	1440	135 8.8
								DETENTION TIME	BBL FUEL MI
								-0-	1.37
								TOTAL REVOLUTIONS	WIND DIRECTION
								137,070	180°
								AVERAGE R.P.M.	STATE OF SEA
								95.2	4'
								TOTAL MILES BY ENGINE	STATE OF WEATHER
								511	80°
								TOTAL MILES BY OBSERVATION	
								466	

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ MACH INSPECTION #1+2 BILGES 1+2 F.O. BILGES 1+2 F.O. HODGS
 1+2 M.N.T. PUMPS MIN. AIR COMPRESSOR MIN. AIR EJECTOR MIN. CIRC COND PUMPS L.O. PUMPER L.O.S. PUMP
 1+2 AUX GENERATOR MIN. AIR EJECTOR MIN. CIRC COND PUMPS A.G. UNIT FIRE SAN PUMP STBD. STEERING
 GEAR DAILY TEST OF MIN. THROTT. PUMPED UP PORT SOLLERS FROM #4 & DEEP TR. CHECKED STEERING F.R.
 GEAR PUMPED BILGES WEEKLY TEST OF EMERGENCY EQUIPMENT & SAFETY DEVICES. CHANGED & CLEANED CENTER
 F.O. BURNERS & DISCH STRAINERS. MADE ROUTINE ROUNDS ON MACH & ENG'S SPACES COMPLIED WITH COMSTS
 4700.7

WATCH ENGR'S SIGNATURE-

J. Bunnay

1600-2000 WATCH

UNDERWAY 18 NOZZLES MACHINERY INSPECTION AS BEFORE BLUE TUBES
 ON PORT & STBD. BILGES @ 1600. CHANGED & CLEANED F.O. BURNERS & SUCT.
 STRAINERS. COMPLIED WITH COMSTS 4700.7 PUMPED BILGES. CHECKED STEERING
 ENG. ROOM.

WATCH ENGR'S SIGNATURE-

F. Harris

2000-2400 WATCH

UNDERWAY, STEERING 18 NOZZ, CLEANED & CHANGED TOP FURNERS, SHIFT & CLEAN
 70. DISCH STRAINERS, SHIFT & CLEAN L.O. STRAINERS #1+2 GENERATORS
 PUMPED PILGES & CARGO HOLDERS. MADE ROUNDS & INSP OF MACH & ENG
 SPACES. COMPLIED WITH COMSTS INST 4700-7
 - MADE WEEKLY TEST & INSP OF FIRE FIGHTING EQUIP. -

WATCH ENGR'S SIGNATURE-

R. Summers

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS BEFORE CHANGED & CLEANED CENTER F.O. BURNERS &
 DISCH STRAINERS. PUMPED UP PORT SOLLERS FROM #4 & DEEP TR. INSPECTED & CLEANED MIN
 L.O. DISCH STRAINERS. DAILY TEST OF STBY L.O. PUMP. PUMPED BILGES. CHECKED STEERING F.R. GEAR
 MADE ROUTINE ROUNDS ON MACH & ENG'S SPACES COMPLIED WITH COMSTS INST 4700.7

WATCH ENGR'S SIGNATURE-

J. Bunnay

0400-0800 WATCH

UNDERWAY 18 NOZZLES MACHINERY INSPECTION AS BEFORE CHANGED & CLEANED
 F.O. BURNERS & SUCT. STRAINERS. COMPLIED WITH COMSTS 4700.7 PUMPED BILGES.
 CHECKED STEERING ENG. & ROOM

WATCH ENGR'S SIGNATURE-

F. Harris

0800-1200 WATCH

UNDERWAY, STEERING 18 NOZZ, 0800 TO 0830 BLUE TUBES ON #1+2 BILGES
 CLEANED & CHANGED TOP FURNERS, CLEAN & SHIFT 70 DISCH STRAINERS, SHIFT
 & CLEAN L.O. STRAINERS #1+2 GENERATORS, @ 0855 TO 0905 SANITARY SYSTEM
 SECURED FOR REPAIRS, 0900 SHIFT 70. SULLION TO INFORD SETTLING
 @ MADE ROUNDS & INSP OF MACH & ENG SPACES
 COMPLIED WITH COMSTS INST 4700-7.

WATCH ENGR'S SIGNATURE-

R. Summers

CHIEF ENGINEER

1200-1600

CONT. FIRE DRILL @ 1517 SEC @ 1525 TESTED FIRE PUMP RELIEF VALVE PEPED

STBD.	PORT	125" PSI	BOAT DILL @ 1526	SECC @ 1542	STBY @ 1517	LT @ 1542
HOURS 1729	HOURS 631	0800 TO 1200	#2 spring failing in Refr flat Running			
AKL 8.76	AKL 8.18		At @ 0930			
T-AKL 12.24	T-AKL 11.68	@ 0810	SPR ENGR. Speed Refused To obey orders.			
S2L 3.31	S2L 3.73					
Phos 30	Phos 30					
R Ph 10	R Ph 10					
SO ³ 40	SO ³ 40					
Ph. cond. 8.0						

CHIEF ENGR'S SIGNATURE-

[Signature]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPE - TAP-112	6	VUNG THAM	NSC CHILAND CHLF	P2-S2-R2	5-6/7-67

		WATCH								WATCH						
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			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)		2832 0090	2832 3460	2834 5140	2834 6760	2838 8400	2841 1930									
TOTAL REVOLUTIONS (FOR WATCH)		23600	23370	21680	21520	21630	23450									
AVERAGE RPM		98.3 1177	96.9 1177	98.5 1177	97.8 1177	98.3 1178	98.1 1198									
F.O. METER (END OF WATCH)		0280	3140	5800	8350	1130	3890									
F.O. CONSUMED		3030	2860	2660	2730	2600	2750									
PRESSURES	THROTTLE	440	440	440	440	440	440									
	H.P. AHEAD	440	440	440	440	440	440									
	L.P. AHEAD	24	28	28	28	28	28									
	VACUUM	28.1"	28.2"	28.2	28.2"	28.4"	28.5									
	L.O. TO TURBINES	12	12	12	12	12	12									
	AUX. STEAM	150	150	150	150	150	150									
	BACK PRESSURE	10	10	10	10	10	10									
	GLAND STEAM	1.0	1.0	1.0	1.0	1.0	1.0									
	H.P. BLEEDER	70	70	70	70	70	70									
	I.P. BLEEDER	6	6	6	6	6	6									
L.P. BLEEDER	4	9"	9"	9"	9"	9"	9"									
TEMPERATURES	STEAM AT THROTTLE	700	705	700	710	710	710									
	L. P. EXHAUST	112	110	111	110	105	100									
	CONDENSATE	109	109	108	106	100	100									
	CIRC. WATER IN	83	84	79	80	75	70									
	CIRC. WATER OUT	96	93	92	91	87	80									
	L.O. TO COOLERS	129	127	128	129	129	128									
	L.O. FROM COOLERS	110	100	110	110	110	110									
	TEMPERATURE THRUST BEARING	119	118	118	118	120	120									
	FORWARD H.P. ROTOR BEARING	127	124	124	125	125	125									
	AFT. H.P. ROTOR BEARING	141	141	140	140	143	140									
FORWARD L.P. ROTOR BEARING	135	134	132	134	135	133										
AFT. L.P. ROTOR BEARING	130	130	128	130	130	128										
MACH. PARTICULARS (CONT'D)		HOTTEST GEAR BEARING FORWARD		157	151	155	156	156	155							
		HOTTEST GEAR BEARING AFT		147	145	146	147	145	146							
		AUX. COND. CONDENSATE		114	114	110	110	110	115							
		1ST STAGE FEED WATER HEATER		114	164	162	164	160	160							
		D. C. FEED WATER HEATER		210	240	240	240	240	240							
		3RD STAGE FEED WATER HEATER		H.P. 230	L.P. 100	-	-	-	-							
		SUPER HEAT		P	670	705	700	675	710	710						
		S		680	705	700	680	710	710							
		F.O. TO BURNERS			150	150	150	150	150	150						
		PRESSURE AIR TO FURNACE		P	5.8	5.5	5.5	5.5	5.5	5.0						
S		6.2	6.5	6.0	6.4	6.5	6.6									
F.O. TEMP. IN SETTLING TANKS		P	85	85	85	87	88	90								
S		85	90	90	85	85	90									
PORT BOILER UPTAKE			342	340	345	350	355	350								
STBD. BOILER UPTAKE			350	330	345	360	360	350								
F. O. BACK PRESSURE																
MAIN STEAM			440	440	440	440	440	440								
F.O. TO BURNERS			150	150	170	170	170	160								
MAIN COND. SALINITY			.41	.41	.41	.41	.41	.41								
ENGINE ROOM TEMPERATURE			96	92	90	90	88	88								
FIRE ROOM TEMPERATURE			96	92	90	90	88	88								
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	3								
BURNER TIP SIZE		P	5 1/35	5 1/35	5 1/35	5 1/35	5 1/35	5 1/35								
S		5 1/35	5 1/35	5 1/35	5 1/35	5 1/35	5 1/35	5 1/35								
CO ₂ % PORT BOILER																
CO ₂ % STBD. BOILER																
OIL LEVEL MAIN SUMP			1'2"	1'2"	1'2"	1'2"	1'2"	1'2"								

REMARKS

1200-1600 WATCH

Underway on 18 NOZZ MACH INOPERATION #1+2 Boilers, 1+2 F.C. BURNERS, 1+2 F.O.S. PUMPS, 1+2 M.N. F.D. PUMPS, M.N. AIR COMPRESSOR, M.N. AIR EJECTOR, M.N. CIRC. & COND. PUMPS, L.O. PURIFIER, L.O.S. PUMP, 1+2 AUX. GENERATORS, AUX. AIR EJECTOR, AUX. CIRC. & COND. PUMPS, H.C. UNIT, FIRE & SHIP PUMP, STBD. STEERING GEAR, DAILY TEST of M.N. THRUST. CHANGED & CLEANED CENTER F.C. BURNERS & $\frac{1}{2}$ DISCH. STRAINERS. PUMPED UP PORT SETTLERS FROM #4 & DEPT. K. CHECKED STEERING GEAR. CLEANED WICKS & FLUSHED OUT #2 SPRING BEARING. DRUMMER WORKING IN STBD. VOID SPACE. MADE ROUTINE ROUNDS ON MACH. & ENG. SPACES. PUMPED BILGES. Complied with Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE-

H. Bunney

1600-2000 WATCH

Underway 18 NOZZ MACH INOPERATION AS BEFORE. BLOW TABES ON PORT & STBD BOILERS @ 1600. CHANGED & CLEANED F.C. BURNERS & SUCT. STRAINERS. LIT OFF M.N. EVAP. PORT BOILER CONT. BLOW TO SPACE @ 1715 TO 1915 SEC. S2MC. Complied with Comsts. 4700-7 PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

L. Harris

2000-2400 WATCH

Underway, Steaming 18 NOZZ, Cleaned & Changed top burners #1+2 Boilers. Shift & Clean F.O. Disch. strainers P+S, Shift & Clean L.O. strainers #1+2 Generators, Inst. Watch on use of fire blanket, pumped filges & Cargo holds, Made Rounds & Insp of Mach and Eng spaces. Advanced ships Clock 20 min. @ 2200 Coms with Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE-

R. Summers

2400-0400 WATCH

Underway on 18 NOZZ MACH AS BEFORE. CHANGED & CLEANED CENTER F.C. BURNERS & $\frac{1}{2}$ DISCH. STRAINERS. DAILY TEST of STBY L.O. PUMP. Advanced Clocks 20 mins. @ 0100. INSPECTED & CLEANED MAIN L.O. DISCH. STRAINERS. PUMPED UP PORT SETTLERS FROM #4 & DEPT. K. PUMPED BILGES. CHECKED STEERING E.R. GEAR. MADE ROUTINE ROUNDS ON MACH & ENG SPACES. Complied with STBY Comsts. 4700-7

WATCH ENGR'S SIGNATURE-

H. Bunney

0400-0800 WATCH

Underway 18 NOZZ MACH INOPERATION AS BEFORE. CHANGED & CLEANED F.C. BURNERS & SUCT. STRAINERS. STBY @ 0454 DUE TO WEATHER. Advanced clock 20 min. @ 0500. LIT OFF M.N. EVAP @ 0415 STBD BOILER ON SCUT. BLOW TO SPACE. Complied with Comsts 4700-7. PUMPED BILGES. SEC. M.N. EVAP @ 0700. Added compound TO PORT & STBD BOILERS. HT @ 0551.

WATCH ENGR'S SIGNATURE-

L. Harris

0800-1200 WATCH

Underway, Steaming 18 NOZZ, @ 0800 to 0830 BLOW TABES on #1+2 Boilers @ 0850 Secured H.C. Unit, @ 0930 Confined plant, Secured Aux Circulation, Aux Cond. Pumps, Aux Air Ejector, @ 1000 Secured #1 Generator, Cleaned & Changed top burners, Clean & Shift F.O. disch. strainers P+S. Shift & Clean L.O. strainers #1+2 Generators, Made Rounds & Insp of Mach & Engine spaces, Pumped filges & Cargo holds, Complied with Comsts Inst 4700-7 @ 1000 Shift F.O. SUCT & PURIF. PUMP. Complied with Comsts. 4700-7

WATCH ENGR'S SIGNATURE-

R. Summers

CHIEF ENGINEER

STBD PORT

HOURS 1752 HOURS 654

AKL 8.18 AKL 8.18

FAKL 11.68 T-AKL 11.68

S2L 2.90 S2L 2.90

PHOS 30 PHOS 30

R.PH 10 R.PH 10

S23 30 S23 45

PH. COND. 8.0

CHIEF ENGR'S SIGNATURE-

R. Summers

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Gen John Pope-TAP-110		8		Vung Tau		NSC CORKLAND CANY		P2-S2-K2		5-7-67	
WATCH											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
RUNNING TIME2110240240240240240240											
DETENTION TIME											
REVOLUTION COUNTER (END OF WATCH)284328452848285028522855542057202350583041702860											
TOTAL REVOLUTIONS (FOR WATCH)234702330023630237802334023670											
AVERAGE RPM97.897.198.497.897.398.6											
F.O. METER (END OF WATCH)117811781179117911791179602091701870461072309880											
F.O. CONSUMED274025702680274026202650											
MACH. PARTICULARS (CONT'D)											
HOTTEST GEAR BEARING FORWARD150150154155155154											
HOTTEST GEAR BEARING AFT147148146148149147											
AUX. COND. CONDENSATE114116112112112108											
1ST STAGE FEED WATER HEATER160140160154140160											
D. C. FEED WATER HEATER240240240240240240											
3RD STAGE FEED WATER HEATER141141141141141141											
SUPER HEAT P675700705705700700S675700705705700700											
F.O. TO BURNERS150150150150150150											
AIR TO FURNACE P5.24.54.65.24.54.5S5.45.06.46.46.55.5											
F.O. TEMP. IN SETTLING TANKS P828285858585S848590808385											
PORT BOILER UPTAKE335335335335335330											
STBD. BOILER UPTAKE333315330335340320											
F. O. BACK PRESSURE											
MAIN STEAM440440440440440440											
F.O. TO BURNERS150150150150150150											
MAIN COND. SALINITY.41.41.41.41.41.41											
ENGINE ROOM TEMPERATURE898685848484											
FIRE ROOM TEMPERATURE898685848484											
NOZZLES IN USE181818181818											
NO. OF BURNERS IN USE P333333S333333											
BURNER TIP SIZE P5/325/325/325/325/325/32S5/325/325/325/325/325/32											
CO. 2 PORT BOILER											
CO. 2 STBD. BOILER											
OIL LEVEL MAIN SUMP1'2"1'2"1'2"1'2"1'2"1'2"											
PRESSURES											
THROTTLE440440440440440440											
H.P. AHEAD440440440440440440											
L.P. AHEAD242424242424											
VACUUM28.5"28.5"28.4"28.5"28.5"28.5"											
L.O. TO TURBINES121212121212											
AUX. STEAM150150150150150150											
BACK PRESSURE101010101010											
GLAND STEAM1.01.01.01.01.01.0											
H.P. BLEEDER707070707070											
I.P. BLEEDER6666666											
L.P. BLEEDER10"10"10"10"10"10"											
STEAM AT THROTTLE700700705705700700											
L. P. EXHAUST106102103104102104											
CONDENSATE103981021009698											
CIRC. WATER IN767574747171											
CIRC. WATER OUT898486868485											
L.O. TO COOLERS128128128129129128											
L.O. FROM COOLERS110110110110110110											
TEMPERATURE THRUST BEARING119119119119119118											
FORWARD H.P. ROTOR BEARING126124124125126123											
AFT. H.P. ROTOR BEARING139140139139140138											
FORWARD L.P. ROTOR BEARING134135133134135133											
AFT. L.P. ROTOR BEARING130129128128128127											
TEMPERATURES											
GENERATORS											
WATCH											
GENERATOR NUMBERR.P.M.STEAM PRESSURESTEAM TEMP.L.O. PRESSUREL.O. TO COOLERL.O. FROM COOLERTEMP. OF HOTTEST BEARINGL.O. GOVERNOR PRESSUREAMPS POSITIVEAMPS NEGATIVEVOLTS											
1200 TO 16002120044070071341276314501450235											
1600 TO 20002120044070071341246314001400235											
2000 TO 24002120044070571341206314001400235											
2400 TO 04002120044070571341246315001450235											
0400 TO 08002120044070071341266314001400235											
0800 TO 12002120044070071337186314001400235											
FUEL - WATER AND LUBE OIL											
METER AT NOON11799880											
METER PREVIOUS NOON11783880											
CONSUMED BY METER16000											
ON HAND AT START OF DAY12,178											
RECEIVED DURING DAY-0-											
EXPENDED DURING DAY628											
REMAINING ON BOARD11,550											
ON HAND AT START OF DAY890											
EVAPORATED OR RECEIVED141											
ON HAND940											
CONSUMED41											
ON HAND AT START OF DAY183											
EVAPORATED OR RECEIVED72											
ON HAND217											
CONSUMED38											
ON HAND AT START OF DAY1860											
RECEIVED-0-											
ON HAND1855											
CONSUMED5											
ON HAND1118											
RECEIVED1115											
CONSUMED3											
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)											
444444											
L.O. CENTRIFUGE - HOURS OPERATED											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
4443 1/244											
SUMMARY											
RUNNING TIME1440											
DETENTION TIME-0-											
TOTAL REVOLUTIONS138,380											
AVERAGE R.P.M.96.1											
TOTAL MILES BY ENGINE516											
TOTAL MILES BY OBSERVATION442											
PROPELLER SLIP (%)Pos. 14.3											
BBL FUEL MI1.22											
WIND DIRECTION280°											
STATE OF SEA2'											
STATE OF WEATHER74°											

REMARKS

1200-1600 WATCH

Underway on 18 No 22 Mach in operation. #1 & 2 B. LERS. 1 & 2 F.D. BLOWERS 1 & 2 F.C.S. PUMPS. 1 & 2 MAIN F.D. PUMPS. MAIN AIR COMPRESSOR. MAIN AIR EJECTOR. MAIN CIRC. COND. PUMPS L.O. PURIFIER. L.O.S. PUMP. #2 AUX GENERATOR. AUX AIR EJECTOR. CIRC. COND. PUMPS OVER TO MAIN F.D. & S.W. PUMP. STD. STEERING GEAR. DAILY test of MIN. THROT. Pumped up PORT SELLERS FROM #2 1/2 D.B. TKS. Changed & Cleaned Center. F.O. BURNERS 1/2 DISCH. STRAINERS. Checked Steering ER GEAR. Pumped Bilges. Made Routine Rounds ON MACH & ENGS. SPACES. Complied with Comsts INST 4700-7

WATCH ENGR'S SIGNATURE-

J. Bannay

1600-2000 WATCH

Underway on 18 No 22/24 machinery in operation as before. Blow tubes on Port & std. Boilers @ 1600. Changed & cleaned F.O. BURNERS & SUCT. STRAINERS. Complied with Comsts. 4700-7. Checked steering ER GEAR. Pumped Bilges.

WATCH ENGR'S SIGNATURE-

L. Harris

2000-2400 WATCH

Underway, steaming 18 No 22, Cleaned & changed top burners, Shift & Clean F.O. disch. strainers P.S. Shift & Clean L.O. strainers #2 Generator. @ 2125 Stby due to poor visibility, @ 2141 Full ahead 24. Made Rounds & Insp of MACH & Eng spaces, Complied with Comsts INST 4700-7. Pumped bilges & Cargo holds.

WATCH ENGR'S SIGNATURE-

R. Summers

2400-0400 WATCH

Underway on 18 No 22 MACH AS BEFORE. Changed & cleaned Center F.O. burners & 1/2 disch. STRAINERS. DAILY test of Stby L.O. PUMP. INSPECTED & CLEANED MAIN L.O. DISCH. STRAINERS. Held ENGS Casualty drill E-3 overspreading of Ship's SERVICE GENERATOR. Watch INST. AND Bridge notified 0400-0430. Pumped up PORT SELLERS FROM #2 1/2 D.B. TKS. Secured L.O. purifier & back in service @ 0425. Checked steering ER GEAR. Pumped Bilges. Made Routine Rounds ON MACH & ENGS SPACES. Complied Comsts INST 4700-7

WATCH ENGR'S SIGNATURE-

J. Bannay

0400-0800 WATCH

Underway on 18 No 22 machinery in operation as before. Added compound to Port & std. Boilers. Held Eng Casualty Drill E-3 from 0500 to 0530. 4 men present Bridge notified. Changed & cleaned F.O. BURNERS & SUCT. STRAINERS. Complied with Comsts. 4700-7. Pumped Bilges. Checked steering ER GEAR.

WATCH ENGR'S SIGNATURE-

L. Harris

0800-1200 WATCH

Underway Steaming 18 No 22, 0800 to 0830 Blow tubes #1 & 2 Boilers, 0900 put #2 Fire & Son pump on line, Secured #1 Fire pump. Cleaned & changed top burners, Shift & Clean F.O. disch. strainers, Shift & Clean L.O. Strainer #2 Generator. @ 0930 Shift F.O. Injection to Inboard Settles. 1000 to 1030 held Eng Casualty drill E-3 4 men present Bridge notified. Made Rounds & Insp of MACH & Eng spaces, Complied with Comsts INST. 4700-7

WATCH ENGR'S SIGNATURE-

R. Summers

CHIEF ENGINEER

2000-2400 H-3 Speed. Jr Engr Relieved of watch. @ 2030 By C/E.

Std Port

Hous 17.76 Hous 6.78

AKL 9.93 AKL 7.93

T-AKL 14.60 T-AKL 14.60

S2L 2.90 S2L 2.90

Phos 40 Phos 40

R.PH 11 R.PH 11

S23 45 S23 40

Ph. Cond. 8.0

CHIEF ENGR'S SIGNATURE-

C. Harris

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
GEN JOHN POPE TAP-110		6		YUNG TUN		NSC BIKELAND CAY		P2-52-K2		5-8/9-67	

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			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)		2857	2859	2862	2864	2866	2868								
		6250	9430	0830	2350	3630	6700								
TOTAL REVOLUTIONS (FOR WATCH)		23396	23180	21400	21520	21280	23070								
AVERAGE RPM		97.5	96.6	97.2	97.8	96.7	96.1								
F.O. METER (END OF WATCH)		1190	1180	1180	1181	1181	1181								
		2540	5200	7580	0100	2440	5180								
F.O. CONSUMED		2710	2610	2380	2520	2340	2740								

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
PRESSURES	THROTTLE	440	440	440	440	440	440	TEMPERATURES	HOTTEST GEAR BEARING FORWARD	155	155	155	155	155	154
	H.P. AHEAD	440	440	440	440	440	440		HOTTEST GEAR BEARING AFT	147	147	147	147	152	147
	L.P. AHEAD	24	24	24	24	24	24		AUX. COND. CONDENSATE	110	110	105	105	108	110
	VACUUM	28.6"	28.8"	28.8	28.8	28.8	28.8		1ST STAGE FEED WATER HEATER	157	158	154	154	158	155
	L.O. TO TURBINES	12	12	12	12	12	12		D. C. FEED WATER HEATER	240	240	238	240	240	238
	AUX. STEAM	150	150	150	150	150	150		2ND STAGE FEED WATER HEATER	100	100	100	100	100	100
	BACK PRESSURE	10	10	10	10	10	10		SUPER HEAT	P 710	495	705	710	700	705
	GLAND STEAM	1.0	1.0	1.0	1.0	1.0	1.0		S 700	495	705	710	700	705	
	H.P. BLEEDER	70	70	70	70	70	70		F.O. TO BURNERS	150	150	150	150	150	
	L.P. BLEEDER	6	6	6	6	6	6		PRESSURE	P 5.2	5.0	5.0	5.2	5.0	5.0
	L.P. BLEEDER	10"	10"	10"	10"	10"	10"		S 6.0	6.0	6.0	6.0	6.0	6.0	
	STEAM AT THROTTLE	700	695	705	710	700	705		F.O. TEMP. IN SETTLING TANKS	P 82	85	85	82	92	90
L. P. EXHAUST	102	102	102	101	102	103	S 83	85	90	88	102	100			
CONDENSATE	97	96	97	96	98	98	PORT BOILER UPTAKE	332	320	335	337	335	335		
CIRC. WATER IN	71	70	68	70	71	72	STBD. BOILER UPTAKE	325	320	335	337	330	330		
CIRC. WATER OUT	85	84	82	84	84	84	F.O. BACK PRESSURE								
L.O. TO COOLERS	128	128	128	128	129	130	MAIN STEAM	440	440	440	440	440	440		
L.O. FROM COOLERS	110	110	110	110	110	110	F.O. TO BURNERS	150	150	150	150	150	150		
TEMPERATURE THRUST BEARING	117	119	118	118	120	120	MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41		
FORWARD H.P. ROTOR BEARING	125	126	124	124	123	124	ENGINE ROOM TEMPERATURE	84	81	80	79	79	78		
AFT. H.P. ROTOR BEARING	139	140	138	138	140	138	FIRE ROOM TEMPERATURE	84	81	80	79	79	78		
FORWARD L.P. ROTOR BEARING	152	135	133	132	135	132	NOZZLES IN USE	18	18	18	18	18	18		
AFT. L.P. ROTOR BEARING	127	129	128	127	128	127	NO. OF BURNERS IN USE	P 3	3	3	3	3	3		
							S 3	3	3	3	3	3	3		
							P 5 1/55	5 1/55	5 1/55	5 1/55	5 1/55	5 1/55	5 1/55		
							S 5 1/55	5 1/55	5 1/55	5 1/55	5 1/55	5 1/55	5 1/55		
							CO2 % PORT BOILER								
							CO2 % STBD. BOILER								
							OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"	1'2"	1'2"	1'2"		

WATCH		GENERATORS										FUEL - WATER AND LUBE OIL								
		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	METER AT NOON	METER PREVIOUS NOON	CONSUMED BY METER	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED
1200 TO 1600	2	1200	440	700	7	133	120		63	1450	1400	235	1181	8180	11799880	15300	217	63	238	41
1600 TO 2000	2	1200	440	695	7	134	120		63	1300	1300	235	11550	590	10960	980	1855	0	1850	5
2000 TO 2400	2	1200	440	705	7	132	116		63	1200	1200	235	130	1070	40	1115	1113	2		
2400 TO 0400	2	1200	440	710	7	132	120		63	1250	1250	235	4	4	3 3/8	3 3/8	3 3/8	4		
0400 TO 0800	2	1300	440	700	7	131	118		63	1300	1300	235	4	4	3 3/8	3 3/8	3 3/8	4		
0800 TO 1200	2	1200	440	705	7	132	116		63	1300	1300	235	4	4	3 3/8	3 3/8	3 3/8	4		

WATCH		L.O. CENTRIFUGE - HOURS OPERATED						SUMMARY	
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	RUNNING TIME	PROPELLER SLIP (%)
		4	4	3 3/8	3 3/8	3 3/8	4	1380	16.1
								DETENTION TIME	EBL FUEL MI
								-	1.20
								TOTAL MYS. REVOLUTIONS	WIND DIRECTION
								131,340	020°
								AVERAGE R.P.M.	STATE OF SEA
								96.2	7'
								TOTAL MILES BY ENGINE	STATE OF WEATHER
								490	68°
								TOTAL MILES BY OBSERVATION	
								411	

REMARKS

1200-1600 WATCH

UNDERWAY ON 12 NOZZ MACH OPERATION #1+2 BILGERS 1+2 1" BLOWERS 1+2 F.O. PUMPS. 1+2 MIN. L.O. PUMPS. MAIN AIR COMPRESSOR. MIN AIR EJECTOR. MIN. CIRC. COND. PUMPS. L.O. PURIFIER. L.O.S. PUMP. #2 AUX GENERATOR. AUX AIR EJECTOR. CIRC. COND. PUMPS. OVER TO MAIN. STBD STEERING GEAR. DAILY test of MIN. MACH. Pumped up Port Settlers FROM #2 1/2 DB TKS. CHANGED & CLEANED CENTER F.O. BURNERS & 1/2 DISCH STRAINERS. CHECKED STEERING E.R. GEAR. PUMPED BILGES. MADE ROUTINE ROUNDS ON MACH & ENG'S SPACES. COMPLIED WITH COMSTS 4700-7

WATCH ENGR'S SIGNATURE-

H. Bunnay

1600-2000 WATCH

UNDERWAY 18 NOZZLES MACHINERY INCORPORATION AS BEFORE BLOW TUBES ON Port & STBD. BILGERS @ 1600. CHANGED & CLEANED F.O. BURNERS & SUCT. STRAINERS. CHECKED STEERING ENG. COMPLIED WITH COMSTS 4700-7. REPAIRED #4 SUCT BLOWER ON Port Bilger & PACKED #7 SUCT BLOWER ON STBD Bilger. ADJUSTED PACKING ON ALL SUCT BLOWERS. PUMPED BILGES. STBY @ 1718 4H @ 1737 DUE TO WITHIN

WATCH ENGR'S SIGNATURE-

L. Harris

2000-2400 WATCH

UNDERWAY, STEAMING 18 NOZZ, CLEANED & CHANGED TOP FURNERS #1+2 BILGERS. SHIFT & CLEAN 70 DISCH STRAINER P+S. SHIFT & CLEAN L.O. STRAINER #2 GEN. FINE & LAM SYSTEM SECURED 2225 TO 2240, @ 2200 ADVANCED SHIPS CLOCK 20 MIN. MADE ROUNDS & INSPECTION OF MACH & ENG. SPACES. COMPLIED WITH COMSTS INST 4700-7

@ 2200 SHIFT TO SUCT TO IMPROVE SITTER.

WATCH ENGR'S SIGNATURE-

R. Summers

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS BEFORE CHANGED & CLEANED CENTER F.O. BURNERS & 1/2 DISCH STRAINERS. DAILY TEST OF STBY L.O. PUMP. INSPECTED & CLEANED MAIN L.O. DISCH STRAINERS. ADVANCED CLOCKS 20 MINS @ 0100. PUMPED UP PORT SETTLERS FROM #2 1/2 DB. F.O. TKS. CHECKED STEERING E.R. GEAR. PUMPED BILGES. MADE ROUTINE ROUNDS ON MACH & ENG'S SPACES. COMPLIED WITH COMSTS 4700-7

WATCH ENGR'S SIGNATURE-

H. Bunnay

0400-0800 WATCH

UNDERWAY 18 NOZZLES MACHINERY INCORPORATION AS BEFORE ADVANCED CLOCK 20 MIN @ 0500. CHANGED & CLEANED F.O. BURNERS & SUCT. STRAINERS. COMPLIED WITH COMSTS. 4700-7. CHECKED STEERING ENG ROOM. PUMPED BILGES

WATCH ENGR'S SIGNATURE-

L. Harris

0800-1200 WATCH

UNDERWAY, STEAMING 18 NOZZ, 0800 TO 0830 BLOW TUBES #1+2 BILGERS. CLEANED & CHANGED TOP FURNERS. SHIFT & CLEAN 70 DISCH STRAINERS P+S. SHIFT & CLEAN L.O. STRAINER #2 GEN. @ 0845 STEAM HEATING ON FWD. MADE ROUNDS & INSPECTION OF MACH & ENG SPACES. PUMPED BILGES & CARGO HOLDS. COMPLIED WITH COMSTS INST 4700-7

WATCH ENGR'S SIGNATURE-

R. Summers

CHIEF ENGINEER

STBD PORT

HOURS 1798	HOURS 701
AKL 9.93	AKL 7.93
T-AKL 14.60	T-AKL 14.60
S2L 331	S2L 331
PHOS 40	PHOS 40
R.PH. 11	R.PH. 11
SO3 40	SO3 40
PH. COND. 8.0	

CHIEF ENGR'S SIGNATURE-

R. Summers

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Gen John Pope T-116		8		VUNG THU		NSC CHK LHM CAMP		P2-52-K2		5-7-67	

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			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)		2870	2873	2875	2877	2879	2882								
TOTAL REVOLUTIONS (FOR WATCH)		9220	2790	4140	5490	6670	6650								
AVERAGE RPM		96.7	95.7	97.0	97.0	96.2	97.4								
F.O. METER (END OF WATCH)		1181	1182	1182	1182	1182	1183								
F.O. CONSUMED		2680	2600	2440	2510	2380	2710								

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
HOTTEST GEAR BEARING FORWARD		154	155	152	153	153	152								
HOTTEST GEAR BEARING AFT		148	149	147	148	150	147								
AUX. COND. CONDENSATE		105	102	100	100	100	100								
1ST STAGE FEED WATER HEATER		155	155	154	155	154	154								
D. C. FEED WATER HEATER		240	240	240	240	240	240								
3RD STAGE FEED WATER HEATER		155	155	154	155	154	154								
SUPER HEAT		P 705	702	690	690	690	690								
F.O. TO BURNERS		150	150	150	150	150	150								
PRESSURE AIR TO FURNACE		P 5.2	4.5	4.5	4.5	4.5	4.5								
F.O. TEMP. IN SETTLING TANKS		P 90	90	90	85	80	80								
PORT BOILER UPTAKE		340	335	325	330	335	330								
STBD. BOILER UPTAKE		340	340	330	340	335	320								
F.O. BACK PRESSURE															
MAIN STEAM		440	440	440	440	440	440								
F.O. TO BURNERS		150	150	150	150	150	150								
MAIN COND. SALINITY		41	41	41	41	41	41								
ENGINE ROOM TEMPERATURE		87	74	73	72	69	72								
FIRE ROOM TEMPERATURE		87	74	73	72	69	72								
NOZZLES IN USE		18	18	18	18	18	18								
NO. OF BURNERS IN USE		P 3	3	3	3	3	3								
BURNER TIP SIZE		P 5/35	5/35	5/35	5/35	5/35	5/35								
CO. & PORT BOILER															
CO. & STBD. BOILER															
OIL LEVEL MAIN SUMP		1'2"	1'2"	1'2"	1'4"	1'4"	1'2"								

		GENERATORS										FUEL - WATER AND LUBE OIL													
		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	METER AT NOON	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED	RECEIVED	ON HAND	CONSUMED	RECEIVED	ON HAND	CONSUMED	
1200 TO 1600		2	1200	440	705	7	130	118		63	1250	1200	255	11830500	239	66	273	32	-0-	560	10400	1070	52	1113	1110
1600 TO 2000		2	1200	440	700	7	130	118		63	1350	1350	235	11815180	1850	-0-	1845	5	1076	46	1070	52	1113	1110	
2000 TO 2400		2	1200	440	690	7	129	113		63	1200	1200	235	15320	273	32	5	46	10400	1070	52	1113	1110		
2400 TO 0400		2	1200	440	690	7	129	114		63	1300	1250	235	10960	32	5	3	46	10400	1070	52	1113	1110		
0400 TO 0800		2	1200	440	690	7	128	114		63	1250	1250	235	10960	32	5	3	46	10400	1070	52	1113	1110		
0800 TO 1200		2	1200	440	690	7	130	116		63	1300	1300	235	10960	32	5	3	46	10400	1070	52	1113	1110		

		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 3/4	3 3/4	3 3/4	4	

		SUMMARY	
RUNNING TIME		1380	PROPELLER SLIP (%) 14.3
DETENTION TIME		-0-	BBL FUEL MI 115 & 1.33
TOTAL REVOLUTIONS		130,915	WIND DIRECTION 340°
AVERAGE R.P.M.		94.9	STATE OF SEA 8'
TOTAL MILES BY ENGINE		488	STATE OF WEATHER 59°
TOTAL MILES BY OBSERVATION		418	

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOV 22 MACH IN OPERATION #1 & 2 BOILERS 1 & 2 F.C. BLOWERS 1 & 2 F.C. PUMPS. 1 & 2 M.H. F.C. PUMPS. M.H. AIR COMPRESSOR. M.H. AIR EJECTOR. M.H. C.R. & COND. PUMPS. L.O. PURIFIER. L.O. PUMP. #2 AUX. GENERATOR. AUX. AIR EJECTOR. C.R. & COND. PUMPS. OVER TO M.H. 5th STEERING GEAR. DAILY TEST OF M.H. THRUST. PUMPED UP PORT SETTLERS FROM #2 & 3 F.C. DISCH. CHANGED & CLEANED CENTER F.C. BURNERS & P/S DISCH. STRAINERS. CHECKED STEERING E.R. THRUST HULLING STM ON W/415. ELECT. MAKING REPAIRS ON #1 AUX. GEN. DRY 2nd ENGR. STARTED DEBALLING #5 & F.C. TANKS. MADE ROUTINE ROUNDS ON MACH & ENGR. SPACES. COMPLIED WITH COMSTS INST 4700.7

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

UNDERWAY 18 NOV 22 MACH IN OPERATION AS BEFORE. BLOWERS 1 & 2 TUBES ON PORT & STBD. BLOWERS @ 1600. COMPLIED WITH COMSTS. 4700.7 PUMPED & BILGES CHECKED STEERING ENG. ROOM.

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

UNDERWAY, STEERING 18 NOV, CLEANED & CHANGED TOP FURNERS, SHIFT & CLEAN 70 DISCH. STRAINERS, SHIFT & CLEAN L.O. STRAINERS #2 GENERATOR. PUMPED FILGES & CARGO HOLDS. MADE ROUNDS & INSPECTION OF MACH & ENGR. SPACES. ADVANCED SHIP CHECK 20 MIN @ 2210. COMPLIED WITH COMSTS INST 4700.7. SHIFT 70. SENT TO INBOARD SETTLER @ 2245.

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

UNDERWAY ON 18 NOV 22 MACH AS BEFORE. CHANGED & CLEANED CENTER F.C. BURNERS. P/S DISCH. STRAINERS. DAILY TEST OF STBY L.O. PUMP. INSPECTED & CLEANED M.H. L.O. DISCH. STRAINERS. ADVANCED CHECKS 20 MINS @ 0100. PUMPED UP PORT SETTLERS FROM #3 F.C. DISCH. CHECKED STEERING E.R. GEAR. PUMPS' B. LGS. MADE ROUTINE ROUNDS ON MACH & ENGR. SPACES. COMPLIED WITH COMSTS INST 4700.7.

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

UNDERWAY 18 NOV 22 MACH IN OPERATION AS BEFORE. CHANGED & CLEANED F.C. BURNERS & S.W. STRAINERS. ADVANCED CHECK 20 MIN @ 0500. CHECKED STEERING ENG. ROOM. COMPLIED WITH COMSTS. 4700.7 PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

UNDERWAY STEERING 18 NOV, 0800-0830 BLEW TUBES #1 & 2 BLOWERS. CLEANED & CHANGED TOP FURNERS P+S. SHIFT & CLEAN 70 DISCH. STRAINERS P+S. SHIFT & CLEAN L.O. STRAINERS #2 GENERATOR. @ 0900 ROLLING #1 GENERATOR FOR ELECTRICIANS. @ 0915 & @ 0930 S.W. SYSTEM SECURED FOR REPAIRS TO SEPTUANT PIPING. MADE ROUNDS & INSPECTION OF MACH & ENGR. SPACES, COMPLIED WITH COMSTS INST 4700.7 - PUMPED FILGES & CARGO HOLDS.

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

0000 - 0400 Added 50 GALS L.O. TO MAIN SUMP FROM STORAGE TANK THROUGH

STBD PORT

PURIFIER

HOURS 1822 HOURS 724

AKL 9.93 AKL 9.93

TAKL 14.60 TAKL 14.60

SZL 3.31 SZL 3.31

PHOS 40 PHOS 40

RPH 11 RPH 11

S³ 38 S³ 40

PH. COND. 8.0

CHIEF ENGR'S SIGNATURE-

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gon John Pope Top-110	8	Yung Tau	NSC CHICKEN CREEK	P252-152	5-11-67

WATCH							WATCH						
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		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	MACH. PARTICULARS (CONT'D)	HOTTEST GEAR BEARING FORWARD	152	153	154	153	153
DETENTION TIME								HOTTEST GEAR BEARING AFT	149	150	146	148	149
REVOLUTION COUNTER (END OF WATCH)	2887	2886	2889	2891	2893	2896		AUX. COND. CONDENSATE	99	100	99	98	97
TOTAL REVOLUTIONS (FOR WATCH)	23500	23520	23460	23470	23410	23510		1ST STAGE FEED WATER HEATER	155	158	156	154	154
AVERAGE RPM	97.1	97.2	97.7	97.8	97.5	97.9		D. C. FEED WATER HEATER	240	240	240	240	240
F.O. METER (END OF WATCH)	1183	1183	1183	1184	1184	1184		3RD STAGE FEED WATER HEATER	HP 1020 LK 700	-	-	-	-
F.O. CONSUMED	2690	2600	2690	2750	2600	2670		SUPER HEAT	P 695 S 695	695	695	690	695
PRESSURES	THROTTLE	440	440	440	440	440		F.O. TO BURNERS	150	150	150	150	150
	H.P. AHEAD	440	440	440	440	440		Pressure AIR TO FURNACE	P 5.2 S 6.0	4.0	5.2	5.0	5.0
	L.P. AHEAD	24	24	24	24	24		F.O. TEMP. IN SETTLING TANKS	P 84 S 83	80	80	76	80
	VACUUM	29.0"	29.0"	29.0	29.0	29.0		PORT BOILER UPTAKE	330	325	335	335	330
	L.O. TO TURBINES	12	12	12	12	12		STBD. BOILER UPTAKE	330	320	330	320	320
	AUX. STEAM	150	150	150	150	150		F.O. BACK PRESSURE					
	BACK PRESSURE	10	10	10	10	10		MAIN STEAM	440	440	440	440	440
	GLAND STEAM	1.0	1.0	1.0	1.0	1.0		F.O. TO BURNERS	150	150	150	150	150
	H.P. BLEEDER	70	70	70	70	70		MAIN COND. SALINITY	.41	.41	.41	.41	.41
	L.P. BLEEDER	6	6	6	6	6		ENGINE ROOM TEMPERATURE	71	70	76	70	74
TEMPERATURES	STEAM AT THROTTLE	695	695	695	695	690	MISCELLANEOUS	FIRE ROOM TEMPERATURE	71	70	76	70	74
	L. P. EXHAUST	95	91	97	96	91		NOZZLES IN USE	18	18	18	18	18
	CONDENSATE	87	90	92	87	85		NO. OF BURNERS IN USE	P 3 S 3	3	3	3	3
	CIRC. WATER IN	61	62	64	61	58		BURNER TIP SIZE	P 5/32 S 5/32	5/32	5/32	5/32	5/32
	CIRC. WATER OUT	74	75	76	77	71		CO ₂ % PORT BOILER					
	L.O. TO COOLERS	129	130	130	129	128		CO ₂ % STBD. BOILER					
	L.O. FROM COOLERS	110	110	110	110	110		OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"
	TEMPERATURE THRUST BEARING	118	120	119	118	119							
	FORWARD H.P. ROTOR BEARING	125	126	118	124	120							
	AFT. H.P. ROTOR BEARING	139	140	138	139	141							
	FORWARD L.P. ROTOR BEARING	137	135	132	134	130							
	AFT. L.P. ROTOR BEARING	127	127	127	127	128							

GENERATORS												FUEL - WATER AND LUBE OIL			
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	METER AT NOON	ON HAND AT START OF DAY	
1200 TO 1600	2	1200	440	695	7	128	114		63	1500	1450	235	11846500	27.3	
													11830500	44	
													16000	293	
													10400	24	
													RECEIVED DURING DAY	1845	
													EXPENDED DURING DAY	-0-	
													REMAINING ON BOARD	1840	
1600 TO 2000	2	1200	440	695	7	128	114		63	1400	1400	235	1076	5	
													ON HAND AT START OF DAY	1110	
													EVAPORATED OR RECEIVED	1108	
													ON HAND	2	
													CONSUMED		
2000 TO 2400	2	1200	440	695	7	128	114		63	1200	1200	235	4	4	
													4	4	
2400 TO 0400	2	1200	440	695	7	128	114		63	1300	1300	235	4	4	
													4	4	
0400 TO 0800	2	1200	440	690	7	128	113		63	1200	1250	235	4	4	
													4	4	
0800 TO 1200	2	1200	440	695	7	127	113		63	1300	1300	235	4	4	
													4	4	
												SUMMARY			
												RUNNING TIME	1440	PROPELLER SLIP (%)	Pos. 15.4
												DETENTION TIME	-0-	BBL FUEL MI	7.16
												TOTAL REVOLUTIONS	137,950	WIND DIRECTION	350°
												AVERAGE R.P.M.	95.8	STATE OF SEA	7'
												TOTAL MILES BY ENGINE	614	STATE OF WEATHER	55°
												TOTAL MILES BY OBSERVATION	435		

REMARKS

1200-1600 WATCH

Underway on 18 No 22 Mach Inspection #1 & 2 Boilers 1 & 2 F.O. Blowers 1 & 2 F.O. pumps 1 & 2 MINER pumps MIN H.R. Compressor MIN H.R. Ejector MIN C.O. & COND pumps L.O. purifier L.O. pump #2 HX GENERATOR MIN H.R. Ejector MIN C.O. & COND pumps 2000 to MAIN Stbd Steering Gear. Daily test of MIN Thrust. Changed & cleaned center F.O. burners & 1/2 disch strainers pumped up port settlers from #3 1/2 & 3 1/2 LB TKS. Checked steering E.R. pumped bilges. Made routine rounds on mach & engs spaces. Elect making repairs on #1 aux generator. Complied with comets inst 4700-7.

WATCH ENGR'S SIGNATURE-

J. Bunney

1600-2000 WATCH

Underway 18 No 22's machinery inspection AS Before Blow Tubes on Port & stbd Boilers @ 1600. Changed & cleaned F.O. Burners & Suct. Strainers. Complied with comets 4700-7 Pumped Bilges.

WATCH ENGR'S SIGNATURE-

J. Hurren

2000-2400 WATCH

Underway, Steaming 18 No 22's, Cleaned & changed top burners p+s. Shift & Clean 7.0 disch strainers p+s. Shift & Clean L.O. strainer #2 generator pumped bilges & Cargo holds. Made rounds & Insp of mach & Eng spaces. Complied with comets Inst 4700-7.

WATCH ENGR'S SIGNATURE-

J. Summers

2400-0400 WATCH

Underway on 18 No 22 Mach AS Before Changed & cleaned center F.O. burners & 1/2 disch strainers. Daily test of stbd L.O. pump. Inspected & cleaned main L.O. disch strainer. Held Eng Casualty drill E-4 hot Bearings on Ship's service generator watch inst & Bridge notified. Pumped up port settlers from #3 1/2 & 3 1/2 LB TKS. pumped bilges. Checked steering E.R. gear. Made routine rounds on mach & Eng spaces. Complied with comets inst 4700-7.

WATCH ENGR'S SIGNATURE-

J. Bunney

0400-0800 WATCH

Underway 18 No 22's machinery inspection AS Before Changed & cleaned F.O. Burners & Suct. Strainers. Held Eng. Casualty Drill E-4 from 0500 to 0530 4 men present Bridge notified. Added packing to #3 seatblower on Port Boiler & #6 & #7 on stbd Boiler. Complied with comets 4700-7 Pumped Bilges.

WATCH ENGR'S SIGNATURE-

J. Hurren

0800-1200 WATCH

Underway, Steaming 18 No 22's, 0800 to 0830 Blow tubes, Cleaned & changed top burners, Shift & cleaned 7.0 disch strainers p+s. Shift & Clean L.O. strainer #2 generator 0830 to 0900 Held Eng Casualty Drill E-4 - 4 men present bridge notified. Made rounds & Insp of mach & Eng spaces, Complied with comets Inst 4700-7. #1 air Comp Failure at 1015, put #2 on line, Elect working on same. Unloader pumped bilges & Cargo holds.

WATCH ENGR'S SIGNATURE-

J. Summers

CHIEF ENGINEER

1200-1600 Abandon ship drill @ 1514 Sec @ 1518 FIRE drill @ 1519 Sec @

Stbd Port @ 1529 Tested Relief VALVE Piped 125" PSI Stbd @ 1514 LH

Heads 1846 Heads 748 @ 1529

AKL 9.34 AKL 9.34

T-AKL 13.43 T-AKL 13.43

S2L 3.31 S2L 3.31

Phos 30 Phos 30

R.Ph 11 R.Ph 11

S2 35 S2 35

Ph. cond. 8.0

CHIEF ENGR'S SIGNATURE-

J. Hurren

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Gen John Pope-TAG-110		8		Vung Tam		NSC CARLUND CALIF		P2-S2-K2		8-1/2	

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			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			154	153	157	153	154	154
DETENTION TIME										148	148	149	144	152	147
REVOLUTION COUNTER (END OF WATCH)		2898	2900	2902	2904	2907	2909			77	100	95	94	100	95
TOTAL REVOLUTIONS (FOR WATCH)		23360	23120	21520	21330	21210	23660			154	155	152	153	154	155
AVERAGE RPM		97.3	96.3	97.8	97.2	96.4	98.6			240	243	238	237	240	238
F.O. METER (END OF WATCH)		1184	1185	1185	1185	1185	1186			345	315	325	330	325	325
F.O. CONSUMED		2740	2600	2450	2490	2350	2680			345	315	320	330	325	325
		THROTTLE	440	440	440	440	440			F.O. BACK PRESSURE					
		H.P. AHEAD	440	440	440	440	440			MAIN STEAM	440	440	440	440	440
		L.P. AHEAD	23	23	23	23	23			F.O. TO BURNERS	150	150	150	150	150
		VACUUM	28.8	28.8	28.8	28.8	28.8			NOZZLES IN USE	18	18	18	18	18
		L.O. TO TURBINES	12	12	12	12	12			NO. OF BURNERS IN USE	3	3	3	3	3
		AUX. STEAM	150	150	150	150	150			BURNER TIP SIZE	5/35	5/35	5/35	5/35	5/35
		BACK PRESSURE	10	10	10	10	10			CO. & PORT BOILER					
		GLAND STEAM	10	10	10	10	10			CO. & STBD. BOILER					
		H.P. BLEEDER	70	70	70	70	70			OIL LEVEL MAIN SUMP	1'4"	1'4"	1'4"	1'4"	1'4"
		L.P. BLEEDER	6	6	6	6	6								
		L.P. BLEEDER	10"	10"	10"	10"	10"								
		STEAM AT THROTTLE	705	700	685	670	685								
		L. P. EXHAUST	94	95	92	92	94								
		CONDENSATE	86	89	85	83	83								
		CIRC. WATER IN	60	62	59	57	57								
		CIRC. WATER OUT	74	74	70	71	70								
		L.O. TO COOLERS	128	128	130	129	128								
		L.O. FROM COOLERS	110	110	110	110	110								
		TEMPERATURE THRUST BEARING	118	120	118	118	120								
		FORWARD H.P. ROTOR BEARING	125	125	124	124	120								
		AFT. H.P. ROTOR BEARING	140	140	140	139	141								
		FORWARD L.P. ROTOR BEARING	133	135	134	133	135								
		AFT. L.P. ROTOR BEARING	128	127	127	127	129								

		GENERATORS												FUEL - WATER AND LUBE OIL					
		GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS						
1200 TO 1600		2	1200	440	705	7	128	115		63	1300	1300	235						
1600 TO 2000		2	1200	440	700	7	128	110		63	1250	1250	235						
2000 TO 2400		2	1200	440	685	7	126	112		63	1300	1300	235						
2400 TO 0400		2	1200	440	690	7	126	111		63	1300	1250	235						
0400 TO 0800		2	1200	440	685	7	127	111		63	1300	1300	235						
0800 TO 1200		2	1200	440	690	7	126	112		63	1400	1400	235						

		FUEL OIL				DOMESTIC WATER				DIESEL OIL			
		METER AT NOON	METER PREVIOUS NOON	CONSUMED BY METER	ON HAND AT START OF DAY	RECEIVED DURING DAY	EXPENDED DURING DAY	REMAINING ON BOARD	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	RECEIVED	CONSUMED
1200 TO 1600		11861810	11846500	15310	9799	-0-	550	9249	1100	40	1110	30	3
1600 TO 2000													
2000 TO 2400													
2400 TO 0400													
0400 TO 0800													
0800 TO 1200													

		LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4		4	3 3/4	3 3/4	2 2/3	4	

		L.O. CENTRIFUGE - HOURS OPERATED					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4		4	3 3/4	3 3/4	2 2/3	4	

		SUMMARY	
		PROPELLER SLIP (%)	BBL FUEL MI
RUNNING TIME		1380	Pos. 12.8
DETENTION TIME		-0-	1.11
TOTAL REVOLUTIONS		132205	1.28
AVERAGE R.P.M.		95.8	0.70
TOTAL MILES BY ENGINE		493	3'
TOTAL MILES BY OBSERVATION		430	58°

REMARKS

1200-1600 WATCH

UNDERWAY ON 12 NOV 22 MACH INSPECTION #1+2 BOILERS 1+2 F.E. BLOWERS 1+2 F.O.S. PUMPS. 1+2 MIN. F.E. PUMPS. MAIN AIR COMPRESSOR. MIN AIR EJECTOR. MAIN CIRC & CORD. PUMPS. L.O. PURIFIER. L.O. PUMP. #2 AUX. GENERATOR. AUX. AIR EJECTOR. CIRC & CORD PUMPS. EVER TO MAIN. STBD STEERING GEAR. DAILY TEST OF MIN THRUST. PUMPED UP PORT SETTLERS FROM #3 & D.B. TK. RAISED VACUUM ON #1 AUX GEN & STARTED ROLLING SAME BY STEAM @ 1330. CHECKED STEERING E.K. PUMPED BILGES. SECURED #1 AUX GEN @ 1500. ELECT. MAKING REPAIRS. MADE ROUTINE ROUNDS ON MACH & ENG'S SPACES. CHANGED & CLEANED CENTER F.O. BURNERS & 1/2 DISCH STRAINERS. COMPLIED WITH COMSTS 4700-7.

WATCH ENGR'S SIGNATURE-

J. Bunny

1600-2000 WATCH

UNDERWAY 18 NOZZLES MACHINERY INSPECTION AS BEFORE. BLOWERS. TUBES ON PORT & STBD BOILERS @ 1600. CHANGED & CLEANED F.O. BURNERS & SUCT. STRAINERS. COMPLIED WITH COMSTS. 4700-7. PUMPED BILGES. CHECKED STEERING ENG. REPAIRED DIAPHRAGM IN DAMPER AIR CONTROL VALVE PORT BOILER.

WATCH ENGR'S SIGNATURE-

J. Harris

2000-2400 WATCH

UNDERWAY, STEAMING 18 NOZZ, CLEANED & CHANGED TOP FURNERS, CLEAN & SHIFT 70 DISCH STRAINERS, SHIFT & CLEAN L.O. STRAINER #2 GENERATOR, ADVANCED SHIPS CLOCK 20 MIN @ 2155, MADE ROUNDS & INSP OF MACH & ENG SPACES. SHIFTED 70 SUCT TO INBOARD SETTLER @ 2115. COMPLIED WITH COMST INST 4700-7.

WATCH ENGR'S SIGNATURE-

R. Summers

2400-0400 WATCH

UNDERWAY ON 12 NOV 22 MACH AS BEFORE. CHANGED & CLEANED CENTER F.O. BURNERS & 1/2 DISCH STRAINERS. DAILY TEST OF STBY L.O. PUMP. ADVANCED CHECKS 20 MINS @ 0100. INSPECTED & CLEANED MAIN L.O. DISCH STRAINERS. PUMPED UP PORT SETTLER FROM #3 & D.B. TK. CHECKED STEERING E.K. GEAR. PUMPED BILGES. STBY @ 0259 (WEATHER) LT. @ 0315 MADE ROUTINE ROUNDS ON MACH & ENG'S SPACES. COMPLIED WITH COMSTS INST 4700-7.

WATCH ENGR'S SIGNATURE-

J. Bunny

0400-0800 WATCH

UNDERWAY 18 NOZZLES MACHINERY INSPECTION AS BEFORE. CHANGED & CLEANED F.O. BURNERS & SUCT. STRAINERS. ADVANCED CHECKS 20 MIN @ 0500. COMPLIED WITH COMSTS 4700-7. ADDED PACKING TO #5 SETTLER. STBD BOILER. CHECKED STEERING ENG. PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

J. Harris

0800-1200 WATCH

UNDERWAY, STEAMING 18 NOZZ, @ 0800 TO 0830 FLOW TUBES #1+2 BOILERS. SHIFT & CLEAN 70 DISCH STRAINERS P.O.S., CLEAN & CHANGE TOP FURNERS P.O.S. SHIFT & CLEAN L.O. STRAINER #2 GEN. MADE ROUNDS & INSP OF MACH & ENG SPACES, PUMPED FULGES & CARGO HOLDS. COMPLIED WITH COMSTS INST 4700-7.

WATCH ENGR'S SIGNATURE-

R. Summers

CHIEF ENGINEER

120160

BUTLER L. B. STANDING FIRST WATCH 30 90

STBD PORT

HOURS 1869 HOURS 771

AKL 9.34 AKL 9.34

TAKL 13.43 TAKL 13.43

S2L 3.31 S2L 3.31

Phos 30 Phos 30

R.Ph 11 R.Ph 11

SO³ 35 SO³ 35

Ph. COND. 8.0

CHIEF ENGR'S SIGNATURE-

R. Summers

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE (A) MET. DAY	
Gen John Pope Tor-116		8		YUNY TAN		NSC OAKLAND CALIF		P2-52-152		5-18-67	

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			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)		2911 8150	2914 1420	2916 4680	2918 7750	2921 6830	2923 4350								
TOTAL REVOLUTIONS (FOR WATCH)		23430	23270	23260	23070	23080	23520								
AVERAGE RPM		97.6	97.0	96.9	96.1	96.1	98.0								
F.O. METER (END OF WATCH)		1186 4530	1186 7250	1186 9840	1187 2530	1187 5140	1187 7820								
F.O. CONSUMED		2720	2720	2590	2670	2610	2680								

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
THROTTLE		440	440	440	440	440	440								
H.P. AHEAD		440	440	440	440	440	440								
L.P. AHEAD		23	23	23	23	23	24								
VACUUM		28.7"	29.0"	29.0	29.0	29.0	29.0								
L.O. TO TURBINES		12	12	12	12	12	12								
AUX. STEAM		150	150	150	150	150	150								
BACK PRESSURE		10	10	10	10	10	10								
GLAND STEAM		1.0	1.0	1.0	1.0	1.0	1.0								
H.P. BLEEDER		70	70	70	70	70	70								
L.P. BLEEDER		6	6	6	6	6	6								
L.P. BLEEDER		10	10"	10"	10"	10"	10"								
STEAM AT THROTTLE		690	690	680	685	685	685								
L. P. EXHAUST		93	91	94	91	92	91								
CONDENSATE		87	82	87	81	84	83								
CIRC. WATER IN		61	58	58	54	58	56								
CIRC. WATER OUT		74	70	72	69	71	67								
L.O. TO COOLERS		129	127	129	128	130	129								
L.O. FROM COOLERS		110	110	110	110	110	110								
TEMPERATURE THRUST BEARING		118	119	119	118	120	118								
FORWARD H.P. ROTOR BEARING		125	125	118	125	124	122								
AFT. H.P. ROTOR BEARING		139	141	141	158	140	138								
FORWARD L.P. ROTOR BEARING		133	135	132	137	135	132								
AFT. L.P. ROTOR BEARING		127	128	127	127	128	127								

		GENERATORS												FUEL - WATER AND LUBE OIL												
		GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS													
1200 TO 1600		2	1200	440	690	7	126	112		63	1200	1400	235	METER AT NOON		11877820	ON HAND AT START OF DAY		300	METER PREVIOUS NOON		11861810	EVAPORATED OR RECEIVED		30	
														CONSUMED BY METER		16010	ON HAND		293							
														ON HAND AT START OF DAY		9,249	CONSUMED		37							
														RECEIVED DURING DAY		-0-	ON HAND AT START OF DAY		1835							
														EXPENDED DURING DAY		600	RECEIVED		-0-							
														REMAINING ON BOARD		8,649	ON HAND		1830							
1600 TO 2000		2	1200	440	690	7	126	110		63	1300	1300	235	ON HAND AT START OF DAY		1110	CONSUMED		5							
														EVAPORATED OR RECEIVED		54	ON HAND		1105							
														ON HAND		1074	ON HAND		1103							
														CONSUMED		90	CONSUMED		2							
2000 TO 2400		2	1200	440	680	7	126	112		63	1250	1250	235	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)												
														4	4	4	4	4	4	4	4	4	4	4	4	
2400 TO 0400		2	1200	440	685	7	126	112		63	1250	1200	235	L.O. CENTRIFUGE - HOURS OPERATED												
														4	4	4	4	4	4	4	4	4	4	4	4	
0400 TO 0800		2	1200	440	685	7	126	112		63	1300	1300	235	SUMMARY												
														RUNNING TIME	1440	PROPELLER SLIP (%)		Pos. 15.4								
														DETENTION TIME	-0-	BBL FUEL MI		1.17								
														TOTAL AVG. REVOLUTIONS	137435	WIND DIRECTION		085°								
														AVERAGE R.P.M.	96.4	STATE OF SEA		7 Feet								
														TOTAL MILES BY ENGINE	512	STATE OF WEATHER		57°								
0800 TO 1200		2	1200	440	685	7	126	112		63	1300	1300	235													
														TOTAL MILES BY OBSERVATION	433											

REMARKS

1200-1600 WATCH

Underway ON 18 NOV 22 Mach INOPERATION #1 & 2 BURNERS 1 & 2 F.A. BLOWERS 1 & 2 F.C. PUMPS 1 & 2 M.A. PUMPS MAIN AIR COMPRESSOR MAIN AIR EJECTOR M.A. CIRC. COND. PUMPS L.O. PURIFIER L.O.S. PUMP #2 AUX GENERATOR AUX AIR EJECTOR CIRC. COND. PUMPS OVER TO MAIN STB STEERING GEAR. Daily test of M.A. Thrust. Changed & Cleaned Center F.C. burners & P's disch. strainers. Checked steering E.R. Pumped Bilges. Pumped up Port Settlers from #3 & #5 & Deep H.K. Made Routine Rounds on Mach & Eng's spaces. Complied with Comets 4700-7. Weekly test of EMERGENCY Equipment and Safety Devices.

WATCH ENGR'S SIGNATURE-

H. Bunnay

1600-2000 WATCH

Underway 18 NOV 22 Mach INOPERATION AS BEFORE Blow Tubes on Port & Stbd. Bilges @ 1600. Changed & Cleaned F.C. Burners & Suct. strainers. Complied with Comets 4700-7. Checked Steering Eng. Room Stbd. @ 1621 Ht @ 1629 Due to weather.

WATCH ENGR'S SIGNATURE-

F. Harris

2000-2400 WATCH

Underway, Steaming 18 Nov, Changed & Cleaned top burners, Shift & Clean to disch. strainers P+5. Shift & Clean L.O. strainer #2 Generator. Pumped Cargo holds & Bilges, made Rounds & Insp of Mach & Eng spaces. Complied with Comets Inst 4700-7.

WATCH ENGR'S SIGNATURE-

R. Summers

2400-0400 WATCH

Underway ON 18 NOV 22 Mach AS BEFORE. Due to crossing international date line. Retarded Clocks 24 hrs for 12th MAY 1967. Changed & Cleaned Center F.C. burners & P's disch. strainers. Daily test of Stbd L.O. pump. Inspected & Cleaned MAIN L.O. disch. strainers. Pumped up Port Settlers from #5 & Deep H.K. Checked Steering E.R. Gear. Pumped Bilges Cargo holds & Ref. Flats. Made Routine Rounds on Mach & Eng's spaces. Complied Comets Inst 4700-7.

WATCH ENGR'S SIGNATURE-

H. Bunnay

0400-0800 WATCH

Underway 18 NOV 22 Mach INOPERATION AS BEFORE Changed & Cleaned F.C. Burners & Suct. strainers. Complied with Comets 4700-7. Checked Steering Eng. Room.

WATCH ENGR'S SIGNATURE-

F. Harris

0800-1200 WATCH

Underway Steaming 18 Nov, 0800 to 0830 Blow tubes, cleaned Top burners P+5. Cleaned to disch. strainers P+5, Cleaned L.O. strainer #2 Generator, made Rounds & Insp of Mach & Eng spaces, pumped bilges & Cargo holds. Complied with Comets Inst 4700-7. Made Weekly test & Insp of Fire Fighting Equipment.

WATCH ENGR'S SIGNATURE-

R. Summers

CHIEF ENGINEER

Stbd	PORT
Hours 1893	Hours 795
AKL 9.34	AKL 9.34
F-AKL 13.43	TAKL 13.43
S2L 3.31	S2L 3.31
Phos 30	Phos 30
R.Ph 11	R.Ph 11
S ₀ ³ 30	S ₀ ³ 30
M. Cond	810

CHIEF ENGR'S SIGNATURE-

C. C. C.

REMARKS

1200-1600 WATCH

Underway on 18 Nozz Machinery inspection #1 & 2 Boilers 1 & 2 F.H. blowers. 1 & 2 F.C. pumps. 1 & 2 M.H. F.C. pumps. MAIN AIR COMPRESSOR. MAIN AIR EJECTOR. MAIN CIRC. COND. PUMPS. L.O. purifier. L.O.S. pump. #2 H.E. GENERATOR. MAIN AIR EJECTOR. AUX. CIRC. COND. PUMPS OVER TO MAIN. STBD STEERING GEAR. DAILY Test of M.H. Thrust. N.B.C. DRILL @ 1300 SEC @ 1321 STBY @ 1300 H.H. @ 1321. Checked steering E.R. GEAR. Pumped cargo holds 13 ft. pumped up port scullers from #6 & 9 B.T.K. Made Routine Rounds on Mach & Eng's Spaces. Complied Comsts Inst 4700.7

WATCH ENGR'S SIGNATURE-

J. Bunn

1600-2000 WATCH

Underway 18 Nozzles machinery inspection AS Before. Blow Tubes on Port & Stbd. Boiler E. B.C.C. Sootblower Port Valve Willnot Close. Changed & Cleaned F.C. Burners & Suct. Strainer. Checked steering Eng. Room. Complied With Comsts. 4700.7

WATCH ENGR'S SIGNATURE-

J. Harris

2000-2400 WATCH

Underway, Steaming 18 Nozz, Cleaned & changed top furners P+5. Shift & Clean 7.0. dish strainers, Shift & Clean L.O. strainer #2 generator. Pumped filges & Cargo holds, Made Rounds & Insp of Mach & Eng spaces. Advanced Ships Clock 20 Min @ 2200, Complied with Comsts Inst 4700.7. Shift 7.0. suct to Inboard settler @ 2200

WATCH ENGR'S SIGNATURE-

R. Summers

2400-0400 WATCH

Underway on 18 Nozz Mach AS Before. Changed & Cleaned & Cleaned Center F.C. burners & P's dish strainers. Daily test of Stby L.O. pump. Advanced Clocks 20 mins @ 0100. Inspected & Cleaned MAIN L.O. dish strainer. Pumped up port scullers from #6 & 9 B.T.K. Checked steering E.R. GEAR. Pumped cargo holds 13 ft. Made Routine Rounds on Mach & Eng's spaces. Complied with Comsts Inst 4700.7

WATCH ENGR'S SIGNATURE-

J. Bunn

0400-0800 WATCH

Underway 18 Nozzles machinery inspection AS Before. Changed & Cleaned F.C. Burners & Suct. Strainer. Advanced Clock 20 min @ 0440. Complied with Comsts 4700.7. #2 Forced draft Blower motor Bearing Running Hot. Checked steering Eng. Room.

WATCH ENGR'S SIGNATURE-

J. Harris

0800-1200 WATCH

Underway Steaming 18 Nozz, 0800 to 0830 Blow tubes, Shift & Clean 7.0 dish strainers P+5, Clean & Change top furners, Shift & Clean L.O. strainer #1 & 2 Generators, Made Rounds & Insp of Mach & Eng spaces. @ 1100 Rolling #1 Generator, Complied with Comsts Inst 4700.7. Pumped filges & Cargo holds.

WATCH ENGR'S SIGNATURE-

R. Summers

CHIEF ENGINEER

STBD PORT

Hours 1916	Hours 818
AKL 9.34	AKL 9.34
T-AKL 13.43	T-AKL 13.43
S2L 3.31	S2L 3.31
Phas 30	Phas 30
RPh 11	RPh 11
S03 30	S03 30
Ph. cond. 8.0	

CHIEF ENGR'S SIGNATURE-

R. Summers

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE															
Gen John Pope TAP 110		7		Vung Tau		NSC OAKLAND CALIF		P2-52-R2		5-13-67															
		WATCH						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)		2939		2941		2944		2946		2948		2951													
		3770		7560		1250		4920		8660		2400													
TOTAL REVOLUTIONS (FOR WATCH)		2326		2338		23890		23670		23740		23740													
AVERAGE RPM		99.2		99.4		99.5		98.6		98.4		98.9													
		1189		1189		1190		1190		1190		1190													
F.O. METER (END OF WATCH)		6040		8710		1410		4140		6740		9500													
F.O. CONSUMED		2780		2650		2700		2730		2600		2760													
PRESSURES		THROTTLE		440		440		440		440		440													
		H.P. AHEAD		440		440		440		440		440													
		L.P. AHEAD		23		23		23		23		24													
		VACUUM		29.2"		29.2"		29.5"		29.2"		29.5"													
		L.O. TO TURBINES		12		12		12		12		12													
		AUX. STEAM		150		150		150		150		150													
		BACK PRESSURE		10		10		10		10		10													
		GLAND STEAM		1.0		1.0		1.0		1.0		1.0													
		H.P. BLEEDER		70		70		70		70		70													
		I.P. BLEEDER		6		6		6		6		6													
		L.P. BLEEDER		10"		10"		10"		10"		10"													
TEMPERATURES		STEAM AT THROTTLE		680		685		685		690		685													
		L.P. EXHAUST		72		74		73		72		93													
		CONDENSATE		82		84		87		82		85													
		CIRC. WATER IN		57		58		58		57		58													
		CIRC. WATER OUT		70		70		72		70		71													
		L.O. TO COOLERS		130		130		130		130		130													
		L.O. FROM COOLERS		110		110		110		110		110													
		TEMPERATURE THRUST BEARING		120		120		119		120		121													
		FORWARD H.P. ROTOR BEARING		126		125		118		125		119													
		AFT. H.P. ROTOR BEARING		140		141		141		141		145													
		FORWARD L.P. ROTOR BEARING		135		136		132		133		135													
		AFT. L.P. ROTOR BEARING		127		130		127		128		129													
MISCELLANEOUS		MAIN COND. SALINITY		.41		.41		.41		.41		.41													
		ENGINE ROOM TEMPERATURE		70		69		74		68		69													
		FIRE ROOM TEMPERATURE		70		69		74		68		69													
		NOZZLES IN USE		18		18		18		18		18													
		NO. OF BURNERS IN USE		3		3		3		3		3													
		BURNER TIP SIZE		5/55		5/55		5/55		5/55		5/55													
		CO ₂ % PORT BOILER																							
		CO ₂ % STBD. BOILER																							
		OIL LEVEL MAIN SUMP		1'4"		1'4"		1'4"		1'4"		1'4"													
GENERATORS		GENERATOR NUMBER		R.P.M.		STEAM PRESSURE		STEAM TEMP.		L.O. PRESSURE		L.O. TO COOLER		L.O. FROM COOLER		TEMP. OF HOTTEST BEARING		L.O. GOVERNOR PRESSURE		AMPS POSITIVE		AMPS NEGATIVE		VOLTS	
1200 TO 1600		1		1200		440		680		9		118		110				62		700		700		235	
		2		1200		440		680		7		128		114				63		700		700		235	
1600 TO 2000		1		1200		440		685		9		118		110				62		600		600		235	
		2		1200		440		685		7		128		114				63		700		700		235	
2000 TO 2400		1		1200		440		685		9		120		110				62		600		600		235	
		2		1200		440		685		7		126		112				63		600		600		235	
2400 TO 0400		1		1200		440		690		9		120		111				62		600		600		235	
		2		1200		440		690		7		126		113				63		600		600		235	
0400 TO 0800		1		1200		440		690		9		120		110				62		600		600		235	
		2		1200		440		690		7		127		113				63		700		700		235	
0800 TO 1200		1		1200		440		685		9		120		110				62		600		600		235	
		2		1200		440		685		7		126		112				63		700		700		235	
FUEL OIL		METER AT NOON		11909500		ON HAND AT START OF DAY		295		EVAPORATED OR RECEIVED		67		ON HAND		329		CONSUMED		33		ON HAND AT START OF DAY		1825	
		METER PREVIOUS NOON		11893280																		RECEIVED		-0-	
		CONSUMED BY METER		16220																		ON HAND		1820	
		ON HAND AT START OF DAY		8069																		CONSUMED		5	
		RECEIVED DURING DAY		-0-																		ON HAND		1100	
		EXPENDED DURING DAY		625																		RECEIVED		-0-	
		REMAINING ON BOARD		2444																		ON HAND		1098	
DOMESTIC WATER		ON HAND AT START OF DAY		1085																		CONSUMED		2	
		EVAPORATED OR RECEIVED		97																		ON HAND		1100	
		ON HAND		1129																		ON HAND		1098	
		CONSUMED		53																		CONSUMED		2	
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)		4		4		4		4		4		4		4		4		4		4		4		4	
L.O. CENTRIFUGE - HOURS OPERATED		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200	
		4		4		4		3 1/2		4		2 1/2		4		4		4		4		4		4	
SUMMARY		RUNNING TIME		1440		PROPELLER SLIP (%)		1.79		DETENTION TIME		-0-		TOTAL MILES BY ENGINE		139.55		WIND DIRECTION		STATE OF SEA		STATE OF WEATHER			
		AVERAGE R.P.M.		97.1																					
		TOTAL MILES BY OBSERVATION		521																					

REMARKS

1200-1600 WATCH

Underway on 18 No 22 mach operation #1+2 Boilers 1+2 F.W. Blowers F.O.S. pumps. 1+2 M.H. Pumps. M.H. Air Compressor. M.H. Air Ejector M.H. Circ. Cond. pumps L.O. purifier L.O. pump. #2 Aux Generator. M.H. Air Ejector. M.H. Circ. Cond. pumps over to main. Stbd steering gear daily test of M.H. Pump. Pumped up port settlers from #7 & B.B. TK. Changed & cleaned center F.O. burners & 1/2 disc strainers. Checked steering F.R. gear. Pumped bilges. Put #1 Aux Gen on the line @ 1400. F.O.R. Test. Made routine rounds on mach & Eng's spaces. Complied with Comsts 4700-7

WATCH ENGR'S SIGNATURE-

J. Bannay

1600-2000 WATCH

Underway 18 No 22 machinery operation as before. Blow tubes on port & stbd Boilers @ 1600. Changed & cleaned F.O. burners & suet. strainers. Lit off M.H. Evap. @ 1730 Stbd Boiler on cont. Blow to same sec @ 1900. Complied with comsts. 4700-7. Pumped bilges. Checked steering Eng. Room.

WATCH ENGR'S SIGNATURE-

L. Harris

2000-2400 WATCH

Underway, Steaming 18 No 22, Cleaned & changed top burners, Shift & Clean 70 disc strainers P+S, Shift & Clean L.O. strainers #1+2 Generators. @ 2200 shift to suction to Inboard settler, Pumped fulges & Cargo holds. Made Rounds & Insp of Mach & Eng spaces, Complied with Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE-

R Summers

2400-0400 WATCH

Underway on 18 No 22 mach as before. Changed & cleaned center F.O. burners & 1/2 disc strainers. Pumped up port settlers from #7 & B.B. TK. Daily test of stbd L.O. pump. Secured L.O. Purifier @ 0130. Cleaned & back in service @ 0200. Inspected & cleaned main L.O. disc strainers. Checked steering F.R. gear. Pumped bilges. Made routine rounds on mach & Eng's spaces. Complied with Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE-

J. Bannay

0400-0800 WATCH

Underway 18 No 22 machinery operation as before. Changed & cleaned F.O. burners & suet. strainers. Lit off M.H. Evap. @ 0430 Stbd Boiler on cont. Blow to same sec @ 0630. Added compound to stbd Boiler. Complied with comsts. 4700-7. Pumped bilges.

WATCH ENGR'S SIGNATURE-

L. Harris

0800-1200 WATCH

Underway, Steaming 18 No 22, @ 0800 to 0830 Blow tubes #1+2 Boilers. Shift & Clean L.O. strainers #1+2 Generators, Shift & Clean 70 disc strainers P+S. Changed & cleaned top burners P+S. @ 1000 Secured L.O. purifier, will not hold a seal, excess vibration, @ 1030 purifier back in service, Made Rounds & Insp of Mach & Eng spaces, Complied with Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE-

R Summers

CHIEF ENGINEER

Stbd PORT

Hours 1940 Hours 242

AKL 9.93 AKL 9.34

FAKL 14.60 FAKL 12.43

S2L 2.67 S2L 3.73

Phos 40 Phos 30

R.P.H. 11 R.P.H. 11

S₂ 45 S₂ 28

Ph. Cond. 8-0

CHIEF ENGR'S SIGNATURE-

J. Bannay

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
Gcn John Pope Tnf-110		8		Vung Tau		NSC Oakland Calif		P2-32-K2		5-14-57			
		WATCH						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)		2953		2953		2957		2959		2960		2962	
TOTAL REVOLUTIONS (FOR WATCH)		6000		8940		5010		0820		6970		6520	
AVERAGE RPM		78.2		78.7		81.0		72.0		73.4		81.4	
F.O. METER (END OF WATCH)		1191		1191		1191		1191		1191		1191	
F.O. CONSUMED		2740		2500		1660		1130		1100		1780	
PRESSURES		THROTTLE		440		440		440		440		420	
		H.P. AHEAD		440		340		250		260		240	
		L.P. AHEAD		23		23						23	
		VACUUM		29.4"		29.7"		29.2		29.2		29.2	
		L.O. TO TURBINES		12		12		12		12		12	
		AUX. STEAM		150		152		150		150		150	
		BACK PRESSURE		10		10		10		10		10	
		GLAND STEAM		1.0		1.0		1.0		1.0		1.0	
		H.P. BLEEDER		70		7		70				70	
		L.P. BLEEDER		6								6	
TEMPERATURES		STEAM AT THROTTLE		685		690		610		610		625	
		L. P. EXHAUST		93		94		92		92		90	
		CONDENSATE		85		85		89		76		82	
		CIRC. WATER IN		58		58		58		58		58	
		CIRC. WATER OUT		77		70		65		68		64	
		L.O. TO COOLERS		130		130		124		122		124	
		L.O. FROM COOLERS		110		110		110		110		110	
		TEMPERATURE THRUST BEARING		119		120		118		115		117	
		FORWARD H.P. ROTOR BEARING		126		125		112		115		117	
		AFT. H.P. ROTOR BEARING		141		141		128		131		133	
TEMPERATURES		FORWARD L.P. ROTOR BEARING		134		135		124		125		125	
		AFT. L.P. ROTOR BEARING		128		128		123		124		120	
		HOTTEST GEAR BEARING FORWARD		152		152		127		130		130	
		HOTTEST GEAR BEARING AFT		150		150		131		134		130	
		AUX. COND. CONDENSATE		84		85		95		83		88	
		1ST STAGE FEED WATER HEATER		154		155		95		76		98	
		D. C. FEED WATER HEATER		240		240		240		240		240	
		3RD STAGE FEED WATER HEATER		240		240		240		240		240	
		SUPER HEAT		P 685		690		610		610		625	
		F.O. TO BURNERS		150		150		150		150		152	
PRESSURES		PRESSURE AIR TO FURNACE		P 4.2		4.0		4.0		3.8		4.0	
		F.O. TEMP. IN SETTLING TANKS		P 86		80		80		80		80	
		PORT BOILER UPTAKE		328		320		310		318		340	
		STBD. BOILER UPTAKE		340								320	
		F. O. BACK PRESSURE											
		MAIN STEAM		440		440		440		440		440	
		F.O. TO BURNERS		150		150		220		220		230	
		MAIN COND. SALINITY		41		41		41		41		41	
		ENGINE ROOM TEMPERATURE		70		68		74		70		67	
		FIRE ROOM TEMPERATURE		70		68		74		70		67	
TEMPERATURES		NOZZLES IN USE		18		1				10		10	
		NO. OF BURNERS IN USE		P 3		3		2		2		2	
		BURNER TIP SIZE		P 5/32		5/32		5/32		5/32		5/32	
		CO2 % PORT BOILER											
		CO2 % STBD. BOILER											
		OIL LEVEL MAIN SUMP		1' 2"		1' 2"		1' 2"		1' 2"		1' 2"	
		FUEL - WATER AND LUBE OIL		METER AT NOON		11915810		ON HAND AT START OF DAY		329			
		METER PREVIOUS NOON		11909500		EVAPORATED OR RECEIVED		40					
		CONSUMED BY METER		10310		ON HAND		340					
		ON HAND AT START OF DAY		7444		CONSUMED		29					
RECEIVED DURING DAY		-0-		ON HAND AT START OF DAY		1820							
EXPENDED DURING DAY		560		RECEIVED		-0-							
REMAINING ON BOARD		6884		ON HAND		1815							
ON HAND AT START OF DAY		1129		CONSUMED		5							
EVAPORATED OR RECEIVED		94		ON HAND		1098							
ON HAND		1155		ON HAND RECEIVED		1095							
CONSUMED		68		CONSUMED		3							
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)		2		3		4		3 3/4		3 3/4			
L.O. CENTRIFUGE - HOURS OPERATED		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800			
4		4		4		3 3/4		3 3/4		4			
SUMMARY		RUNNING TIME		1380		PROPELLER SLIP (%)		Pos. 11.8					
DETENTION TIME		-0-		BBL FUEL MI		1.29		1.41					
TOTAL REVOLUTIONS		120,385		WIND DIRECTION		000							
AVERAGE R.P.M.		87.2		STATE OF SEA		3 feet							
TOTAL MILES BY ENGINE		449		STATE OF WEATHER		53'							
TOTAL MILES BY OBSERVATION		396											

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ MACH 2 OPERATION. #1 & 2 BOILERS 1 & 2 F.E. 13 LEAKERS. 1 & 2 F.E. PUMPS. 1 & 2 M.H. P.D. PUMPS. MAIN A.R. COMPRESSOR. MAIN A.R. EJECTOR. M.H. CIRC & COND. PUMPS. L.O. PURIFIER L.O. PUMP. 1 & 2 AUX GENERATORS. AUX M.H. EJECTOR. AUX CIRC & COND PUMPS OVER TO MAIN. STD STEERING GEAR DAILY TEST OF M.H. THROTT. CHANGED & CLEANED CENTER F.E. BURNERS & 1/2 DISCH STRAINERS. PUMPED UP PORT SETTLERS FROM #6 & DEEP TK. CHECKED STEERING E.R. GEAR. PUMPED BILGES. DAY 2ND ENGR STARTED BALLASTING #5 & #10 F.E. TK @ 1500 BRIDGE NOTIFIED. MADE ROUTINE ROUNDS ON MACH & ENGR SPACES. COMPLIED WITH COMSTS

4700-7

WATCH ENGR'S SIGNATURE-

H. Bannay

1600-2000 WATCH

UNDERWAY 18 NOZZLES MACHINERY OPERATION AS B. COUL. BLOW TUBES ON PORT & STBD. BOILER @ 1600. CHANGED & CLEANED F.E. BURNERS & SUPT. STRAINERS. HIT OFF M.H. BRAP @ 1700 PORT BOILER ON CONT. BLOW TO SAME. SUC. @ 1845. SUC. #1 BURP @ 1900. SUC. #1 BOILER @ 1900. COMPLIED WITH COMSTS. 4700-7. PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

L. Harris

2000-2400 WATCH

UNDERWAY, STEERING 76 RPM. ON PORT BOILER #3 #1 BOILER SECURED FOR REPAIRS. SHIFT & CLEAN 70 DISCH STRAINER PO. SHIFT & CLEAN L.O. STRAINERS #1 & 2 HEM. MADE ROUNDS & INSPECTION OF MACH & ENGR SPACES, ADVANCED SHIPS CLOCK 20 MIN @ 2210 @ 2040 REDUCE SPEED TO 76 RPM. COMPLIED WITH COMSTS INST 4700-7. PUMPED BILGES & CARGO HOLDS.

WATCH ENGR'S SIGNATURE-

R. Summers

2400-0400 WATCH

UNDERWAY 76 RPM 18 NOZZ ON #2 BOILER #1 SECURED FOR REPAIRS. PUMPED UP PORT SETTLERS FROM #6 & DEEP TK. INSPECTED & CLEANED M.H. L.O. STRAINER DAILY TEST OF STBY L.O. PUMP. ADVANCED CLOCKS 20 MINS @ 0100. HOLD ENGR CASUALTY DRILL E-5 SHORT CIRCUIT IN MAIN CIRCUIT BREAKER. WATCH INST & BRIDGE NOTIFIED @ 0130. CHANGED & CLEANED CENTER BURNERS & 1/2 DISCH STRAINER. CHECKED STEERING E.R. GEAR. PUMPED BILGES. MADE ROUTINE ROUNDS ON MACH & ENGR SPACES. COMPLIED COMSTS INST 4700-7.

WATCH ENGR'S SIGNATURE-

George Bannay

0400-0800 WATCH

UNDERWAY 10 NOZZLES #1 BOILER SECURED FOR REPAIRS. CONTACT #1 BLU. STIM DRUM @ 0600. ADVANCED CLOCKS 20 MIN @ 0400. CHANGED & CLEANED F.E. BURNERS & SUPT. STRAINERS. HOLD ENGR CASUALTY DRILL E-5 4 MEN. PRESENT FROM 0500 TO 0630 BRIDGE NOTIFIED. COMPLIED WITH COMSTS. 4700-7. PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

L. Harris

0800-1200 WATCH

UNDERWAY STEERING 76 RPM. 0800 TO 0820 BLOW TUBES ON #2 BOILER @ 0930 HIT FIRES IN #1 BOILER @ 1015 FULL SPEED 18 NOZZ BRIDGE NOTIFIED. CLEANED TOP BURNERS. CLEANED & SHIFT 70 DISCH STRAINERS. MADE ROUNDS & INSPECTION OF MACH & ENGR SPACES. 1030 TO 1100 HOLD ENGR CASUALTY DRILL E-5 4 MEN PRESENT BRIDGE NOTIFIED. COMPLIED WITH COMSTS INST 4700-7, PUMPED BILGES & CARGO HOLDS.

WATCH ENGR'S SIGNATURE-

R. Summers

CHIEF ENGINEER

STBD	PORT
Hours 1949	Hours 265
AKL 9.93	AKL 9.34
T-AKL 14.02	T-AKL 12.43
S2L 2.07	S2L 3.31
PHOS 40	PHOS 30
R.PH. 11	R.PH. 11
S2S 40	S2S 24
PH. COND. 800	

CHIEF ENGR'S SIGNATURE-

W. C. [Signature]

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ. Reduced speed to 76 RPM 18 NOZZ @ 1300 B/O 4/2 SECURED #2 Boiler to make repairs on #2 FINE DRAFT BLOWER @ 1307 Bridge notified. MACH 2 OPERATION #1 Boiler. 1-FD BLOWER 1-FCS pump 1-MN FD pump. MAIN AIR COMPRESSOR MAIN AIR EJECTOR MIN. GEAR & COND PUMPS. #1 AUX GENERATOR. #2 GEN IDLING. AUX HULL EJECTOR AUX CIRC & COND PUMPS. OVER to MAIN STD steering GEAR. DAILY TEST of MAIN Thrust. Pumped up port settlers FROM #6 DEEP TK. Checked steering ER. pumped Bilges. Changed & cleaned center FC burner & STD disch strainer. MADE ROUTINE ROUNDS ON MACH & ENG'S SPACES. Complied with Comsts 4700-7

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

Underway 18 NOZZ's machinery INOPERATION AS BEFORE. Blown Tubes on STD Boiler @ 1602. Elct. completed repairs to #2 F.D. BLOWER @ 1853. Lit off Port Boiler @ 1900 same on fire @ 1905 Increased speed to 18 NOZZ's. Complied with Comsts. 4700-7 Pumped Bilges. Heating STM. on #1 P45 P.B. F.C. THS. @ 1930.

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

Underway, Steaming 18 Nozz, Cleaned & changed top furness, Shift & Clean 70 disch strainers, Shift & Clean LO. strainers #1 & 2 Generators, advanced ships clock 20 minutes @ 2210, Made Rounds & Insp of mach & Eng spaces. Pumped bilges & Cargo holds. Complied with Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS BEFORE. Changed & cleaned center FC burners & 1/2 disch strainers. Daily test of stby 20. Advanced clocks 20 mins @ 0100 Inspected & cleaned main LO. disch strainers. Pumped up port settlers FROM #8 & DB TK. Checked steering ER GEAR. Pumped Bilges. MADE ROUTINE ROUNDS ON MACH & ENG'S SPACES. Complied with Comsts 4700-7

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

Underway 18 NOZZ's machinery INOPERATION AS BEFORE Except Lit off m.c. Evap @ 0430 Port Boiler in cont. Blown to same. sec. @ Advanced clock 20 min. @ 0500. Complied with Comsts. 4700-7. Changed & cleaned FC burners & suat. strainer Pumped Bilges. Added compound to Port Boiler.

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

Underway, Steaming 18 Nozz, 0800 to 0830 blew tubes #1 & 2 Boilers @ 0945 Secured #1 Generator, @ 1029- Stby Steering Casualty Drill @ 1043 Full Speed Wt Secure Steering Casualty Drill, Cleaned top furness, Shift & Clean 70 disch strainers, Shift & Clean LO. strainers #1 & 2 Gen. Made Rounds & Insp of mach & Eng spaces, pumped bilges & Cargo holds. Comp with Comsta Inst 4700-7

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

STBD PORT

Hours 1972 Hours 882

AKL 9.34 AKL 7.93

FAKL 13.43 FAKL 14.60

SZL 2.67 SZL 2.49

PHOS 40 PHOS 40

P.PH. 11 P.PH. 11

SO³ 35 SO³ 45

PH. COND. 8.0

CHIEF ENGR'S SIGNATURE-

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
GEN JOHN POPE TPR-116		2		VUNG TAU		NSC CHALAM CULF		P2-S2-K2		5-16-17	

		WATCH						WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	
RUNNING TIME		240	240	220	220	220	240						
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)		2977 7740	2980 1550	2982 3620	2974 5560	2986 7470	2989 1450						
TOTAL REVOLUTIONS (FOR WATCH)		23740	23810	22070	21940	21910	23980						
AVERAGE RPM		98.9	99.2	100.3	99.7	99.7	99.9						
F.O. METER (END OF WATCH)		1193 5740	1193 8270	1194 0660	1194 3060	1194 5350	1194 7960						
F.O. CONSUMED		2660	2530	2390	2400	2290	2610						

		WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
THROTTLE		440	440	440	440	440	440
H.P. AHEAD		440	440	440	440	440	440
L.P. AHEAD		26	26	26	26	26	26
VACUUM		29.2"	29.2"	29.2	29.2"	29.2"	29.2"
L.O. TO TURBINES		12	12	12	12	12	12
AUX. STEAM		150	150	150	150	150	150
BACK PRESSURE		10	10	10	10	10	10
GLAND STEAM		1.0	1.0	1.0	1.0	1.0	1.0
H.P. BLEEDER		70	70	70	70	70	70
L.P. BLEEDER		6	6	6	6	6	6
L.P. BLEEDER		10"	10"	10"	10"	10"	10"
STEAM AT THROTTLE		695	685	685	690	685	685
L. P. EXHAUST		96	96	96	95	95	96
CONDENSATE		85	89	89	86	90	89
CIRC. WATER IN		57	57	58	57	57	58
CIRC. WATER OUT		71	71	72	71	71	72
L.O. TO COOLERS		130	131	130	130	130	130
L.O. FROM COOLERS		110	110	110	110	110	110
TEMPERATURE THRUST BEARING		120	120	119	119	119	120
FORWARD H.P. ROTOR BEARING		127	125	116	125	125	118
AFT. H.P. ROTOR BEARING		140	140	140	137	140	141
FORWARD L.P. ROTOR BEARING		135	135	132	133	135	133
AFT. L.P. ROTOR BEARING		130	130	127	127	129	130

		WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
HOTTTEST GEAR BEARING FORWARD		160	161	162	160	160	160
HOTTTEST GEAR BEARING AFT		147	148	144	148	148	148
AUX. COND. CONDENSATE		95	95	92	96	98	98
1ST STAGE FEED WATER HEATER		158	158	158	158	160	160
D. C. FEED WATER HEATER		240	240	240	240	240	240
3RD STAGE FEED WATER HEATER		150	150	150	150	150	150
SUPER HEAT		695	685	685	690	685	685
F.O. TO BURNERS		160	160	165	165	165	165
PRESSURE AIR TO FURNACE		6.0	4.0	4.0	4.4	5.0	5.0
F.O. TEMP. IN SETTLING TANKS		115	110	110	110	105	105
PORT BOILER UPTAKE		335	315	320	326	325	325
STBD. BOILER UPTAKE		325	315	325	335	325	325
F. O. BACK PRESSURE							
MAIN STEAM		440	440	440	440	440	440
F.O. TO BURNERS		160	170	170	165	170	170
MAIN COND. SALINITY		41	41	41	41	41	41
ENGINE ROOM TEMPERATURE		72	70	70	70	69	69
FIRE ROOM TEMPERATURE		72	70	70	70	69	69
NOZZLES IN USE		18	18	18	18	18	18
NO. OF BURNERS IN USE		3	3	3	3	3	3
BURNER TIP SIZE		5/32	5/32	5/32	5/32	5/32	5/32
CO ₂ % PORT BOILER							
CO ₂ % STBD. BOILER							
OIL LEVEL MAIN SUMP		1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

		GENERATORS										FUEL - WATER AND LUBE OIL									
		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	METER AT NOON	METER PREVIOUS NOON	CONSUMED BY METER	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED	
1200 TO 1600	1	1200	440	695	118	118	62	1250	120	235				11947960	11933080	14880	6227	ON HAND AT START OF DAY	3	ON HAND	3
1600 TO 2000	1	1200	440	685	9	120	110	62	1000	1000	235			1143	1162	5934	1143	ON HAND AT START OF DAY	18	ON HAND	18
2000 TO 2400	1	1200	440	685	9	120	110	62	1000	1000	235			1143	1162	5934	1143	ON HAND AT START OF DAY	18	ON HAND	18
2400 TO 0400	1	1200	440	690	9	121	112	62	1150	1100	235			1143	1162	5934	1143	ON HAND AT START OF DAY	18	ON HAND	18
0400 TO 0800	1	1200	440	685	7	120	110	62	1100	1100	235			1143	1162	5934	1143	ON HAND AT START OF DAY	18	ON HAND	18
0800 TO 1200	1	1200	440	685	7	120	110	62	1100	1100	235			1143	1162	5934	1143	ON HAND AT START OF DAY	18	ON HAND	18

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

		SUMMARY	
RUNNING TIME		1380	PROPELLER SLIP (%)
DETENTION TIME		-0-	BBL FUEL - MI
TOTAL REVOLUTIONS		134,665	WIND DIRECTION
AVERAGE R.P.M.		97.5	STATE OF SEA
TOTAL MILES BY ENGINE		502	STATE OF WEATHER
TOTAL MILES BY OBSERVATION		434	

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOV 22 1700 hrs. 1+2 Boilers 1+2 F.D. Blowers 1+2 F.C. pumps 1+2 M.H. Pumps M.H. Air Compressor M.H. Air Ejector M.H. Circ. Cond. pumps L.O. purifier L.O. pump #1 AUX GENERATOR AUX Air Ejector AUX Circ. Cond. pumps ~~over~~ to main. 9th STEERING GEN. DAILY TEST of M.H. Thrust. STEERING CASUALTY drill @ 1200 Shifted to port motor SEC @ 1208 Stby @ 1210 HT @ 1208 pumped up port settlers FROM 48 DBTK. Stby @ 1322 (weather) Pumped Bilges. Changed & cleaned center F.O. burners & P. disch strainers. Elct cleaning #2 AUX GENERATOR. Made Routine Rounds on MACH & ENG SPACES. Complied with Comsts Inst 4700-7

WATCH ENGR'S SIGNATURE-

J. Bunn

1600-2000 WATCH

UNDERWAY 18 NOV 22 1800 hrs. machinery Inspection AS Before Blw Tubes ON Port & Stbd Boilers @ 1600. Changed & cleaned F.O. Burners & Suct. Strainers. Complied with Comsts. 4700-7. Abolished steering Eng. Room Pumped Bilges off Stby @ 1737 HT.

WATCH ENGR'S SIGNATURE-

F. Harris

2000-2400 WATCH

Underway Steaming 18 Novg. Cleaned & changed top burners, Shift & Clean F.O. disch strainers, Shift & Clean L.O. strainer #1 Generator. Wet paint in Reel for flat, Unable to take Readings. Advanced ships clock 20 min @ 2200. Made Rounds & Insp of mach & Eng spaces, pumped bilges & Cargo holds. Complied with Comsts Inst 4700-7.

WATCH ENGR'S SIGNATURE-

R. Summers

2400-0400 WATCH

UNDERWAY ON 18 NOV 22 1700 hrs. 1+2 Boilers. Changed & cleaned center F.O. burners & P. disch strainers. Daily test of Stby L.O. pump. Advanced clocks 20 mins @ 0100. Inspected & cleaned main L.O. disch strainer. Pumped up port settlers FROM #8 DBTK. Checked steering E.K. GEN. Pumped Bilges. Stop CIRCULATING ACID through #1 L.P. EVAPORATOR due to leak in overboard disch line @ 0300. Made Routine Rounds on MACH & ENG SPACES. Complied with Comsts 4700-7.

WATCH ENGR'S SIGNATURE-

J. Bunn

0400-0800 WATCH

underway 18 NOV 22 1800 hrs. machinery Inspection AS Before. Changed & cleaned F.O. Burners & Suct. strainers. Advanced clock 20 min. @ 0500. Added compound to Stbd Boiler. Complied with Comsts. 4700-7. Pumped Bilges. Checked steering Eng. Room.

WATCH ENGR'S SIGNATURE-

L. Harris

0800-1200 WATCH

Underway, Steaming 18 Novg. 0800 to 0825 fuel tubes #1+2 Boilers. Cleaned & changed top burners, Shift & Clean F.O. disch strainers, Shift & Clean L.O. strainer #1 Generator. @ 1100 Shift 70 Suct to Infboard Outboard Settler. Made Rounds & Insp of mach & Eng spaces. Complied with Comsts Inst 4700-7.

WATCH ENGR'S SIGNATURE-

R. Summers

CHIEF ENGINEER

0800-1200 Day 2nd Deballast & Reballast #5 & Stbd Port F.O. tank.

Hours 2000	Hours 905	0945 to 1005	Ships Captain & Chief Engineer in
AKL 11.10	AKL 9.93	#1 Engine Room.	
T-AKL 15.77	T-AKL 14.60		
S2L 2.07	S2L 2.49		
Phos 40	Phos 40		
R.P.H. 11	R.P.H. 11		
S23 45	S23 40		
Ph. cond. 8.0			

CHIEF ENGR'S SIGNATURE-

J. Bunn

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE																	
Gen John POPE TAP-110		8		Vung Tau		NSC OAKLAND CALIF		P2-52-R2		5-17-67																	
		WATCH								WATCH																	
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200				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		62		HOTTEST GEAR BEARING FORWARD		160		140		160		160		161			
DETENTION TIME														HOTTEST GEAR BEARING AFT		148		149		145		147		148			
REVOLUTION COUNTER (END OF WATCH)		2991 5270		2993 8040		2996 0950		2998 2470		3000 5020		3001 0940		AUX. COND. CONDENSATE		95		95		94		95		84			
TOTAL REVOLUTIONS (FOR WATCH)		23820		23770		21910		22020		22050		5920		1ST STAGE FEED WATER HEATER		154		154		158		159		158			
AVERAGE RPM		99.2		99.0		99.5		100.0		100.2		95		D. C. FEED WATER HEATER		240		240		240		240		240			
F.O. METER (END OF WATCH)		1195 0640		1195 3200		1195 5650		1195 8100		1196 0360		1196 1100		3RD STAGE FEED WATER HEATER		240		240		240		240		240			
F.O. CONSUMED		2680		2560		2450		2450		2260		740		SUPER HEAT		P 695		690		690		690		695			
THROTTLE		440		440		440		440		440				S 695		690		690		690		690		695			
H.P. AHEAD		440		440		440		440		440				F.O. TO BURNERS		170		170		170		170		180			
L.P. AHEAD		27		26		26		27		26				PRESSURE		P 5.2		5.0		5.0		5.2		5.0			
VACUUM		29.2		29.2"		29.2		29.2"		29.2"				S 6.0		6.0		6.0		6.0		6.0		6.0			
L.O. TO TURBINES		12		12		12		12		12				F.O. TEMP. IN SETTLING TANKS		P 100		110		105		105		105			
AUX. STEAM		150		150		150		150		150				S 95		105		105		115		110		110			
BACK PRESSURE		10		10		10		10		10				PORT BOILER UPTAKE		330		320		330		327		325			
GLAND STEAM		1.0		1.0		1.0		1.0		1.0				STBD. BOILER UPTAKE		325		315		325		327		325			
H.P. BLEEDER		70		70		70		70		70				F. O. BACK PRESSURE													
I.P. BLEEDER		6		6		6		6		6				MAIN STEAM		440		440		440		440		440			
L.P. BLEEDER		10		10"		10"		10"		10"				F.O. TO BURNERS		180		180		175		180		180			
STEAM AT THROTTLE		695		690		690		690		695				MAIN COND. SALINITY		41		41		41		41		41			
L. P. EXHAUST		95		95		96		97		91				ENGINE ROOM TEMPERATURE		68		67		82		80		76			
CONDENSATE		87		84		87		87		82				FIRE ROOM TEMPERATURE		68		67		82		80		76			
CIRC. WATER IN		56		54		57		55		55				NOZZLES IN USE		18		18		18		18		18			
CIRC. WATER OUT		70		69		72		72		68				NO. OF BURNERS IN USE		P 3		3		3		3		3			
L.O. TO COOLERS		130		132		130		128		130																	

REMARKS

1200-1600 WATCH

Underway on 18 Nov 72 Mach Incapacitation #1 & 2 Boilers 1 & 2 F.D. Blowers, 1 & 2 F.O.S. pumps, 1 & 2 M.N. F.D. pumps, MAIN AIR Compressor, M.N. AIR Ejector, M.N. Circ & Cond. pumps, L.O. purifier, L.O.S. pump, #1 AUX GENERATOR, AUX AIR Ejector, AUX Circ & Cond pumps over to MAIN ^{UB} Port Steering Gear. 1- Elect FW pump Daily Test of F.W. Thrust. Changed & cleaned Center F.O. burners & % disch strainers. Checked steering E.R. pumped Bilges. Pumped up port Settlers from #1 % D.B. TKS. Fired drill @ 1526 SEC @ 1526. Tested Relief valves popped at 125⁰ PSI. Boat drill @ 1528 SEC @ 1533. Stby @ 1515 ~~44~~ @ 1533 REPAIR #1 simulated a Class B fire in ER Bilge complied with Comets 4700.7 WATCH ENGR'S SIGNATURE- *H. Bunny*

1600-2000 WATCH

Underway 18 Nov 72 as machinery Incapacitation AS Before Blow Tubes in Port & Stbd. Boilers @ 1600. hit off #1 Exzp @ 1600 SEC. 5200 @ 1900. Checked steering Eng. Room. Changed & cleaned F.O. Burners & suet. strainer. Complied with Comets 4700.7 Pumped Bilges.

WATCH ENGR'S SIGNATURE- *J. Harris*

2000-2400 WATCH

Underway, Steaming 18 Nov, Cleaned & changed top burners, Shift & Clean F.O. disch strainers, Shift & Clean L.O. strainers #1 Generator, advanced ships clock 20 minutes @ 2210, Pumped bilges & Cargo holds, made Rounds & Insp of mach & Eng spaces, Complied With Comets Inst 4700-7

WATCH ENGR'S SIGNATURE- *R. Summers*

2400-0400 WATCH

Underway on 18 Nov 72 Mach AS Before. Changed & cleaned Center F.O. burners & % disch strainers. Daily test of stby L.O. pump. Inspected & cleaned MAIN L.O. disch strainer. Advanced Clocks 20 mins @ 0100. Held Eng's Casualty drill E-6 loss of power to T.C. Switchboard watch inst. & Bridge Notified. 0100-0130 Pumped up port Settlers from #1 % D.B. TKS. Checked steering E.R. Gear. Pumped Bilges. Made Routine Rounds on mach & Eng's spaces. Complied With Comets 4700.7

WATCH ENGR'S SIGNATURE- *H. Bunny*

0400-0800 WATCH

Underway 18 Nov 72 as machinery Incapacitation AS Before. Changed & cleaned F.O. Burners & suet. strainer. Advanced clock 20 min. @ 0500. Held Eng. Casualty Drill E-6 Room 0500 to 0530. 4 men Present Bridge Notified. Complied with Comets 4700.7 Pumped Bilges checked steering Eng. Room.

WATCH ENGR'S SIGNATURE- *J. Harris*

0800-1200 WATCH

Underway, Steaming 18 Nov. Manuevering speeds as see fell fog. arriving into port. made Rounds & Insp of mach & Eng spaces. Complied with Comets 4700-7. ~~from~~ bilges at safe level.

WATCH ENGR'S SIGNATURE- *R. Summers*

CHIEF ENGINEER

		Stby - 0830	FWE - 1100
Stbd	Port	arrival - 0842	Ctr - 30018420
Hours 2023	Hours 928	Ctr - 30010940	P.F.M - 7673620
AKL 11.10	AKL 9.34	P.F.M - 7673290	S.F.M - 4288150
TAKL 15.77	TAKL 13.43	S.F.M - 4287810	
S2L 2.07	S2L 2.49		
Phos 40	Phos 40		
R.P.H 11	R.P.H 11		
S ³ 45	S ³ 38		
Ph Cond. 8.0			

CHIEF ENGR'S SIGNATURE- *Christ L. [Signature]*

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE																			
Gen John Pope Tpp-110								P2-S-R2		5-18/4-67																			
		WATCH								WATCH																			
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200				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																													
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																											
		STEAM AT THROTTLE																											
TEMPERATURES		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																											

REMARKS

1200-1600 WATCH

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

Circ. L.C. through main unit and jacking over same. Plant secured.
Frequent inspections of machinery spaces. Bilges at safe level.

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

Machinery in operation as before. Plant secured. Bilges at safe level.
Frequent inspections of machinery spaces.

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

Standing orders observed - Plant Normal -

TURNING GEAR EXCHANGED.

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

Resting

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

Resting

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

Plant Secured

STBD PORT

Hours Hours

AKL AKL

T-AKL T-AKL

S2L S2L

Phos Phos

R.Ph. R.Ph.

S₂³ S₂³

Ph. Cond.

CHIEF ENGR'S SIGNATURE-

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
CFA 3044 P205 72-111								P-30-R		5/11/20/21			
		WATCH						WATCH					
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800			
		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													
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											
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											
MISCELLANEOUS		FORWARD L.P. ROTOR BEARING											
		AFT. L.P. ROTOR BEARING											
		HOTTEST GEAR BEARING FORWARD											
		HOTTEST GEAR BEARING AFT											
		AUX. COND. CONDENSATE											
		1ST STAGE FEED WATER HEATER											
		D. C. FEED WATER HEATER											
		3RD STAGE FEED WATER HEATER											
		SUPER HEAT P											
		F.O. TO BURNERS S											
PRESSURES		AIR TO FURNACE P											
		F.O. TEMP. IN SETTLING TANKS P											
		PORT BOILER UPTAKE S											
		STBD. BOILER UPTAKE											
		F. O. BACK PRESSURE											
		MAIN STEAM											
		F.O. TO BURNERS											
		MAIN COND. SALINITY											
		ENGINE ROOM TEMPERATURE											
		FIRE ROOM TEMPERATURE											
TEMPERATURES		NOZZLES IN USE											
		NO. OF BURNERS IN USE P											
		BURNER TIP SIZE S											
		CO ₂ % PORT BOILER											
		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
		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													
SUPER HEAT P													
F.O. TO BURNERS S													
AIR TO FURNACE P													
F.O. TEMP. IN SETTLING TANKS P													
PORT BOILER UPTAKE S													
STBD. BOILER UPTAKE													
F. O. BACK PRESSURE													
MAIN STEAM													
F.O. TO BURNERS													
MAIN COND. SALINITY													
ENGINE ROOM TEMPERATURE													
FIRE ROOM TEMPERATURE													
NOZZLES IN USE													
NO. OF BURNERS IN USE P													
BURNER TIP SIZE S													
CO ₂ % PORT BOILER													
CO ₂ % STBD. BOILER													
OIL LEVEL MAIN SUMP													

REMARKS

1200-1600 WATCH

Relief

WATCH ENGR'S SIGNATURE- *St. Johnston*

1600-2000 WATCH

Machinery in operation as before. Frequent inspections of machinery spaces. Bilges at safe level.

WATCH ENGR'S SIGNATURE- *J.E. Garmy R/E*

2000-2400 WATCH

As before. Frequent inspections of machinery spaces. Bilges at safe level.

WATCH ENGR'S SIGNATURE- *J.E. Garmy R/E*

2400-0400 WATCH

Standing order observed

Routine

Upst. ok

WATCH ENGR'S SIGNATURE- *Jim Buchanan*

0400-0800 WATCH

Routine

WATCH ENGR'S SIGNATURE- *Jim Buchanan*

0800-1200 WATCH

Routine

Upst. ok

WATCH ENGR'S SIGNATURE- *Jim Buchanan*

CHIEF ENGINEER

PLANT SECURED

CHIEF ENGR'S SIGNATURE- *McLean*

WATCH							WATCH							
														1200 TO 1600
RUNNING TIME														
DETENTION TIME														
REVOLUTION COUNTER (END OF WATCH)														
TOTAL REVOLUTIONS (FOR WATCH)														
AVERAGE RPM														
F.O. METER (END OF WATCH)														
F.O. CONSUMED														
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														
TEMPERATURES	STEAM AT THROTTLE													
	L. P. EXHAUST													
	CONDENSATE													
	CIRC. WATER IN													
	CIRC. WATER OUT													
	L.D. 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													
	MACH. PARTICULARS (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														
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														
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														

WATCH	GENERATORS											FUEL - WATER AND LUBE OIL					
	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	FUEL OIL	WATER	LUBE OIL	DIESEL OIL	
1200 TO 1600													METER AT NOON	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED
													METER PREVIOUS NOON				
													CONSUMED BY METER				
													ON HAND AT START OF DAY				
													RECEIVED DURING DAY				
													EXPENDED DURING DAY				
													REMAINING ON BOARD				
1600 TO 2000													ON HAND AT START OF DAY				
													EVAPORATED OR RECEIVED				
													ON HAND				
													CONSUMED				
2000 TO 2400													ON HAND AT START OF DAY				
													EVAPORATED OR RECEIVED				
													ON HAND				
													CONSUMED				
2400 TO 0400													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
0400 TO 0800													SUMMARY				
													RUNNING TIME			PROPELLER SLIP (%)	
													DETENTION TIME			BBL FUEL MI	
													TOTAL REVOLUTIONS			WIND DIRECTION	
0800 TO 1200													AVERAGE R.P.M.			STATE OF SEA	
													TOTAL MILES BY ENGINE			STATE OF WEATHER	
													TOTAL MILES BY OBSERVATION				