FOWARD

ENGINE ROOM LOG

GEARED TURBINE DRIVE

USNS GEN. JOHN POPE (TAP 110)

FROM 0000 1 MARCH **19** 68 **TO** 1200 hrs. 8 April **19** 68

MSTS FORM 9410/1 (REV. 7-65)
S/N 0104-160-5000

INSTRUCTIONS

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

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

3. Under the heading "REMARKS" a careful, detailed record of the events occurring daily in the engine department shall be entered in the log book, including violations of orders or regulations. Entries should be preceded by the time when pertaining to important tests, casualties, injuries, etc.

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

(a) Repairs accomplished during watches.

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

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

(d) Remetalling of bearings; fitting new piston rings; reboring cylinders; renewing pump parts, metallic packing, important valves, propeller, shafting, stern bearing, zinc protection bars and rings outboard, strainers, etc.; details to be recorded in Machinery History.

(e) Pumping of bilges.

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

(g) Examining holding down bolts.

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

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

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

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

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

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

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
SFM John Rope	12 A	AT NSC OAKLAND		P3 S2 R2	3-1-68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

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

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

Plant secured. Drum vent open on stbd. boiler. #1 F.W. pump in operation. Bilges at a safe level.

WATCH ENGR'S SIGNATURE- V. E. Carney PTE

0400-0800 WATCH

Plant secured. Bilges at a safe level

WATCH ENGR'S SIGNATURE- V. E. Carney PTE

0800-1200 WATCH

Plant Secured Maintaining Evaporation #1 F.W. Pump #1 Air Comp.

WATCH ENGR'S SIGNATURE- L. Harris

CHIEF ENGINEER

0320	1340
HOURS	HOURS
AKL	AKL
T-AKL	T AKL
SAL.	SAL.
PHOS.	PHOS.
R.ph	R.ph

CHIEF ENGR'S SIGNATURE-

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope	12 17	At NSC Oakland		Bo. Ka	1-2 MARCH 1968

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

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

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH

Plant secured for routine inspection #1 F.W. Pump #1 AIR, Comp.

WATCH ENGR'S SIGNATURE- L Harris

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T E Peterson RIE

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T E Peterson RIE

2400-0400 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney RIE

0400-0800 WATCH

Plant secured. Bilges pumped to a safe level.

WATCH ENGR'S SIGNATURE- T. E. Carney RIE

0800-1200 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney RIE

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope (AP110)	12 A	At Sea Eniwetok		L S K 2	2-3 MARCH 194

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D)	HOTTEST GEAR BEARING FORWARD						
	HOTTEST GEAR BEARING AFT						
	AUX. COND. CONDENSATE						
	1ST STAGE FEED WATER HEATER						
	D. C. FEED WATER HEATER						
	3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES	SUPER HEAT P						
	SUPER HEAT S						
	F.O. TO BURNERS						
	AIR TO FURNACE P						
	AIR TO FURNACE S						
	F.O. TEMP. IN SETTLING TANKS P						
	F.O. TEMP. IN SETTLING TANKS S						
	PORT BOILER UPTAKE						
	STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES	F. O. BACK PRESSURE						
	MAIN STEAM						
	F.O. TO BURNERS						
MISCELLANEOUS	MAIN COND. SALINITY						
	ENGINE ROOM TEMPERATURE						
	FIRE ROOM TEMPERATURE						
	NOZZLES IN USE						
	NO. OF BURNERS IN USE P						
	NO. OF BURNERS IN USE S						
	BURNER TIP SIZE P						
	BURNER TIP SIZE S						
	CO_2 % PORT BOILER						
	CO_2 % STBD. BOILER						
	OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

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

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH

PLANT SECURED - #1 MA AIR COND IN OPERATION

WATCH ENGR'S SIGNATURE- T E Petersen R/E

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T E Petersen R/E

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T E Petersen R/E

2400-0400 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0400-0800 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0800-1200 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE-

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
USCG John Pope (WPC110)	12 A	At Sea	Oakland	2	3-4 MARCH 1968

	WATCH					
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH					
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

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

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T S Peterson RE

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T S Peterson RE

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T S Peterson RE

2400-0400 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0400-0800 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0800-1200 WATCH

Plant secured

WATCH ENGR'S SIGNATURE- L Harris

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE-

A-35544

USNS	VOYAGE NO.	~~FROM~~	TO	TYPE OF VESSEL	DATE
Gen John Pope	12A	At NSC OAKLAND		P2 S2 R2	4-5 March 68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

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

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH Plant secured machinery Inoperation #1 F.W. Pump #1 Air Comp.

WATCH ENGR'S SIGNATURE- L. Harris

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Pettinato R/E

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Pettinato R/E

2400-0400 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0400-0800 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0800-1200 WATCH Plant Secured

WATCH ENGR'S SIGNATURE- L. Harris

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS	HOURS
ALK	ALK
T-	ALK
SAL.	[illegible]
PHOS.	PHOS.
R.P.M.	[illegible]

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN. JOHN POPE (AP110)	12 A	AT NSC OAKLAND		T2 S2 R2	3/5-6/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0600	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

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

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- L. Hussin

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Peterson R/E

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Peterson R/E

2400-0400 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0400-0800 WATCH

Plant secured. Pumped down bilges to a safe level.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- L. Hussin

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope (APH0)	12 B	At NSC Oakland		T2 S2 R2	6-7 March 1968

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

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

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- L. Harris

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Peterson R/E

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Peterson R/E

2400-0400 WATCH

Plant secured. Pumped bilges to a safe level.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0400-0800 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- L. Harris

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope (AP 110)	12 A	At Sea Oakland		P2 S2 R2	7-8 MARCH 1968

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.D. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

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

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- L. Harris

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Peterson R/E

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Peterson R/E

2400-0400 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0400-0800 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0800-1200 WATCH

Plant secured

WATCH ENGR'S SIGNATURE- L. Harris

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Sgt John Lopez (APL101)	12 A	At Hsc Oakland		12 Sa Pa	3/8-9/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

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

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH

Plant secured

WATCH ENGR'S SIGNATURE- L. Harris

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T E Peterson RIE

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T E Peterson RIE

2400-0400 WATCH

Plant secured. Pumped bilges to a safe level.

WATCH ENGR'S SIGNATURE- J. E. Carney RIE

0400-0800 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- J. E. Carney RIE

0800-1200 WATCH

Plant secured. Ships force painting.

WATCH ENGR'S SIGNATURE- J. E. Carney RIE

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope (AP110)	12 A	NSC At OAKLAND		P2 S2 R2	9-10 MARCH 1968

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D)	HOTTEST GEAR BEARING FORWARD						
	HOTTEST GEAR BEARING AFT						
	AUX. COND. CONDENSATE						
	1ST STAGE FEED WATER HEATER						
	O. C. FEED WATER HEATER						
	3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES	SUPER HEAT P						
	SUPER HEAT S						
	F.O. TO BURNERS						
	AIR TO FURNACE P						
	AIR TO FURNACE S						
	F.O. TEMP. IN SETTLING TANKS P						
	F.O. TEMP. IN SETTLING TANKS S						
	PORT BOILER UPTAKE						
	STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES	F. O. BACK PRESSURE						
	MAIN STEAM						
	F.O. TO BURNERS						
MISCELLANEOUS	MAIN COND. SALINITY						
	ENGINE ROOM TEMPERATURE						
	FIRE ROOM TEMPERATURE						
	NOZZLES IN USE						
	NO. OF BURNERS IN USE P						
	NO. OF BURNERS IN USE S						
	BURNER TIP SIZE P						
	BURNER TIP SIZE S						
	CO_2 % PORT BOILER						
	CO_2 % STBD. BOILER						
	OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

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

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH

PLANT SECURED - #1 FCT PUMP & MAIN AIR COMP IN OPERATION

WATCH ENGR'S SIGNATURE- T S Peterson R/E

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T S Peterson R/E

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T S Peterson R/E

2400-0400 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- D. E. Carney R/E

0400-0800 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- D. E. Carney R/E

0800-1200 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- D. E. Carney R/E

CHIEF ENGINEER

BOILER WATER READINGS

STBD	PORT
HOURS	HOURS
ALK	ALK
AKL	[illegible]
CAL.	[illegible]
CHLOR.	[illegible]
[illegible]	[illegible]

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544

USNS: GEN. JOHN POPE (AP110) | VOYAGE NO.: 12A | FROM: At Sea OAKLAND | TO: | TYPE OF VESSEL: P2 & R2 | DATE: 10-11 MARCH 1968

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

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

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. Petersen R/E

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. Petersen R/E

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. Petersen R/E

2400-0400 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- J. E. Carney R/E

0400-0800 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- J. E. Carney R/E

0800-1200 WATCH Plant secured

WATCH ENGR'S SIGNATURE- L. Harris

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Fred. John Kope (AK110)	12 A	At Asc	Oakland	P2 R2	3/11-12/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

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

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH Plant Secured

WATCH ENGR'S SIGNATURE- L. Harris

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Peterson RIE

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Peterson RIE

2400-0400 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney RIE

0400-0800 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney RIE

0800-1200 WATCH Plant secured Jacking Gear on G 1015 L.O. Pump on G 1010.

WATCH ENGR'S SIGNATURE- L. Harris

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN. JOHN [illegible] (AP110)	12 A	At NSC	OAKLAND	P2 S2 R2	12-13 MARCH 1968

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D)	HOTTEST GEAR BEARING FORWARD						
	HOTTEST GEAR BEARING AFT						
	AUX. COND. CONDENSATE						
	1ST STAGE FEED WATER HEATER						
	D. C. FEED WATER HEATER						
	3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES	SUPER HEAT P						
	SUPER HEAT S						
	F.O. TO BURNERS						
	AIR TO FURNACE P						
	AIR TO FURNACE S						
	F.O. TEMP. IN SETTLING TANKS P						
	F.O. TEMP. IN SETTLING TANKS S						
	PORT BOILER UPTAKE						
	STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES	F. O. BACK PRESSURE						
	MAIN STEAM						
	F.O. TO BURNERS						
MISCELLANEOUS	MAIN COND. SALINITY						
	ENGINE ROOM TEMPERATURE						
	FIRE ROOM TEMPERATURE						
	NOZZLES IN USE						
	NO. OF BURNERS IN USE P						
	NO. OF BURNERS IN USE S						
	BURNER TIP SIZE P						
	BURNER TIP SIZE S						
	CO_2 % PORT BOILER						
	CO_2 % STBD. BOILER						
	OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

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

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH Plant secured secured Fueling Cont @ 1500 see L.O. Pump.

WATCH ENGR'S SIGNATURE- F Harris

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T S Petersen/E

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T S Petersen/E

2400-0400 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T.E. Carney R/E

0400-0800 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T.E. Carney R/E

0800-1200 WATCH Plant secured.

WATCH ENGR'S SIGNATURE- F Harris

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE-

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope	12-A	At Sea Oakland		P2 S2 R2	13-14 March 1968

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY: 353
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED
	CONSUMED BY METER			ON HAND
	ON HAND AT START OF DAY	2659		CONSUMED
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY: 2160
	EXPENDED DURING DAY			RECEIVED
	REMAINING ON BOARD			ON HAND
DOMESTIC WATER	ON HAND AT START OF DAY	964		CONSUMED
	EVAPORATED OR RECEIVED		DIESEL OIL	ON HAND: 875
	ON HAND			RECEIVED
	CONSUMED			CONSUMED

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- F. Harris

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Kitchen RIE

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Kitchen RIE

2400-0400 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney RIE

0400-0800 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney RIE

0800-1200 WATCH

Plant Secured.

WATCH ENGR'S SIGNATURE- F. Harris

CHIEF ENGINEER

FOCSLE TANK READINGS	
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope	12-7	Y.S.E. Oakland		P2 S1-02	3/14-15/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
O. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY: 353
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED
	CONSUMED BY METER			ON HAND: 354
	ON HAND AT START OF DAY	2649		CONSUMED
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY: 2135
	EXPENDED DURING DAY	58		RECEIVED: —
	REMAINING ON BOARD	2591		ON HAND: 2110
DOMESTIC WATER	ON HAND AT START OF DAY	964		CONSUMED: 25
	EVAPORATED OR RECEIVED		DIESEL OIL	ON HAND: 870
	ON HAND	1019		on board RECEIVED: 865
	CONSUMED			CONSUMED: 5

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH Plant Secured machinery Evaporation #1 F.W. Pump & #1 Air Comp.

WATCH ENGR'S SIGNATURE- L. Brown

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Peterson

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Peterson RIE

2400-0400 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney RIE

0400-0800 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney RIE

0800-1200 WATCH Plant Secured Started F.O. Purifier @ 0820 secured to Switch Lub. Oil Engaged @ 0845.

WATCH ENGR'S SIGNATURE- L. Brown

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE- M. L. Chamberlain

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope	12-17	@ Oakland		[illegible]	3/15-16/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	
	METER PREVIOUS NOON	
	CONSUMED BY METER	
	ON HAND AT START OF DAY	2591
	RECEIVED DURING DAY	—
	EXPENDED DURING DAY	56
	REMAINING ON BOARD	2535
DOMESTIC WATER	ON HAND AT START OF DAY	1019
	EVAPORATED OR RECEIVED	
	ON HAND	
	CONSUMED	

BOILER WATER	ON HAND AT START OF DAY	354
	EVAPORATED OR RECEIVED	
	ON HAND	
	CONSUMED	
LUBE OIL	ON HAND AT START OF DAY	2110
	RECEIVED	—
	ON HAND	2105
	CONSUMED	5
DIESEL OIL	ON HAND	865
	ON HAND RECEIVED	860
	CONSUMED	5

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH Plant secured. Secd. Jacking Gear + L.O. Pump + L.O. Purifier machinery Incyperation #1 F.W. Pump #1 AIR Comp.

WATCH ENGR'S SIGNATURE- E. Barry

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T B Peterson R/E

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T B Peterson R/E

2400-0400 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0400-0800 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0800-1200 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

CHIEF ENGINEER W. S. Chamberlain has assumed responsibilities of Engineer Department @ 1700 this date 3/15/68

BOILER WATER READINGS

Chief Eng'R. Inspected Reduction Gears + spray nozzles.

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

CHIEF ENGR'S SIGNATURE- W. S. Chamberlain

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope	12-A	P.S.E. Oakland		82 & 82	3/16-17/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
O. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY: 354
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED
	CONSUMED BY METER			ON HAND
	ON HAND AT START OF DAY	2535		CONSUMED
	RECEIVED DURING DAY	—	LUBE OIL	ON HAND AT START OF DAY: 2105
	EXPENDED DURING DAY	56		RECEIVED
	REMAINING ON BOARD	2479		ON HAND
DOMESTIC WATER	ON HAND AT START OF DAY	1019		CONSUMED
	EVAPORATED OR RECEIVED		DIESEL OIL	ON HAND: 860
	ON HAND			RECEIVED
	CONSUMED			CONSUMED

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH

PLANT SECURED - MN AIRCOMP & #1 POT PUMP IN OPERATION

WATCH ENGR'S SIGNATURE- T. E. Peterson R/E

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Peterson R/E

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T. E. Peterson R/E

2400-0400 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0400-0800 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0800-1200 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

CHIEF ENGINEER

[illegible] WATER READINGS

STB'D	PORT
HOURS	HOURS
[illegible]	A.M.
[illegible]	[illegible]
A.M.	[illegible]
PROS.	PROS.
[illegible]	R.P.

CHIEF ENGR'S SIGNATURE- W. L. Chamberlain

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope	12-17	U.S.S. Oakland		DD 692	3/17-18/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	357
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER			ON HAND	
	ON HAND AT START OF DAY	2479		CONSUMED	
	RECEIVED DURING DAY	—	LUBE OIL	ON HAND AT START OF DAY	2105
	EXPENDED DURING DAY	55		RECEIVED	
	REMAINING ON BOARD	2424		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1019		CONSUMED	
	EVAPORATED OR RECEIVED		DIESEL OIL	ON HAND	860
	ON HAND			RECEIVED	
	CONSUMED			CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH

PLANT SECURED — #1 MN AIR COMP & POT WTR PUMP IN OPERATION

WATCH ENGR'S SIGNATURE- T E Peterson R/E

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T E Peterson R/E

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- T E Peterson R/E

2400-0400 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0400-0800 WATCH

Plant secured.

WATCH ENGR'S SIGNATURE- T. E. Carney R/E

0800-1200 WATCH

Plant secured Sec. #1 F.W. Pump @ 0830 cleaned & Removed oil in same sump.

WATCH ENGR'S SIGNATURE- L. Harris

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE- W. S. Chamberlain

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Lem. John Paul	12-17	Ca Mare Rafford		Rad 3 R2	3/18-19/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	354
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	—
	CONSUMED BY METER			ON HAND	360
	ON HAND AT START OF DAY	2424		CONSUMED	
	RECEIVED DURING DAY	—	LUBE OIL	ON HAND AT START OF DAY	2105
	EXPENDED DURING DAY	55		RECEIVED	
	REMAINING ON BOARD	2369		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1019		CONSUMED	
	EVAPORATED OR RECEIVED	—	DIESEL OIL	ON HAND	860
	ON HAND	1034		RECEIVED	
	CONSUMED	—		CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH Plant secured machinery Evaporator #1 F.W. Pump #1 Air Comp.

WATCH ENGR'S SIGNATURE- F Hearing

1600-2000 WATCH PLANT SECURED.

WATCH ENGR'S SIGNATURE- [illegible] R/E

2000-2400 WATCH PLANT SECURED

WATCH ENGR'S SIGNATURE- [illegible] R/E

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- W. Brady R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- W. Brady R/E

0800-1200 WATCH Plant Secured

WATCH ENGR'S SIGNATURE- L. Harris

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Sun John Cope	12-H	U.S.E. Oakland		Grade B2	3/19-20/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	360
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER			ON HAND	360
	ON HAND AT START OF DAY	2369		CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	2105
	EXPENDED DURING DAY	60		RECEIVED	
	REMAINING ON BOARD	2309		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1034		CONSUMED	
	EVAPORATED OR RECEIVED	—	DIESEL OIL	ON HAND	860
	ON HAND	1163		RECEIVED	
	CONSUMED			CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH Plant secured machinery. Inoperation #1 F.W. Pump. #1 air comp.

WATCH ENGR'S SIGNATURE- L Harris

1600-2000 WATCH Plant Secured

WATCH ENGR'S SIGNATURE- W.R. Newman R/E

2000-2400 WATCH Plant secured.

WATCH ENGR'S SIGNATURE- W.R. Newman R/E

2400-0400 WATCH

Plant secured

WATCH ENGR'S SIGNATURE- W. Priddy

0400-0800 WATCH

Plant secured

WATCH ENGR'S SIGNATURE- W. Priddy

0800-1200 WATCH Plant secured

WATCH ENGR'S SIGNATURE- L Harris

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE- W.S. Chamberlain

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope	12-A	@ NSC Oakland		P2-S2-R2	3/20-21/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
O. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

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

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	360
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	—
	CONSUMED BY METER			ON HAND	360
	ON HAND AT START OF DAY	2309		CONSUMED	
	RECEIVED DURING DAY	—	LUBE OIL	ON HAND AT START OF DAY	2105
	EXPENDED DURING DAY	55		RECEIVED	
	REMAINING ON BOARD	2254		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1163		CONSUMED	
	EVAPORATED OR RECEIVED	—	DIESEL OIL	ON HAND	860
	ON HAND	992		RECEIVED	
	CONSUMED	171		CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH PLANT SECURED

WATCH ENGR'S SIGNATURE- D.L. Warner

1600-2000 WATCH PLANT Secured

WATCH ENGR'S SIGNATURE- W.C. Newman R/E

2000-2400 WATCH PLANT Secured

WATCH ENGR'S SIGNATURE- W.C. Newman R/E

2400-0400 WATCH

Plant secured

WATCH ENGR'S SIGNATURE- W. Brady R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- W. Brady R/E

0800-1200 WATCH PLANT SECURED

WATCH ENGR'S SIGNATURE- D.L. Warner

CHIEF ENGINEER

BOILER WATER READINGS

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

CHIEF ENGR'S SIGNATURE- W.S. Chamberlain

A-35544