

ENGINE ROOM LOG

GEARED TURBINE DRIVE



USNS

John Pope

FROM DECEMBER 15, 1969 TO FEBRUARY 3, 1970

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.

[illegible]

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

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

Lit off Stbd. boiler c 0715 - Started #4 Aux. gen. c 0840 - Put Engine room lamp on Same c 0850 - changed & cleaned Fuel oil Steamers. Started Mr. L.B. System c 0930 - Permission granted from bridge to Jack Mr. Eng c 0950 Put Mr unit on jacking gear c 0955 - Took Elect. load from Dock c 1000 Started Mr Circ P. c 1000 - Started Raising Vacuum on Mr unit c 1015 - Secured Vacuum on Mr unit c 1045 - Secured Mr unit jacking gear & Mr Circ. Pump c 1130.

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

Plant lit off for testing operation and servicing of Dock Generator unit.

CHIEF ENGR'S SIGNATURE-

Otto L. Parry

[illegible]

REMARKS

1200-1600 WATCH

Machinery in Operation, Stbd boiler, Stbd. Mx. Pl. Pump, Stbd. Fire Draft Blower, Stbd. F.O. Service Pump, #4 Aux. Gen. on D.C., Aux. Circ. Pump, Aux. Cond. Pump, Buooring off of Stbd. unlined Fire Sytlee, Galley Steam, Flushing water, Potable water, Cond. Rix, & H.C. Power from deck. Made inspections of all Machinery & Spaces.

once Bradley FWT Douglas

WATCH ENGR'S SIGNATURE-

R.B. Thompson.

1600-2000 WATCH

Machinery as before, made routine inspections of all Machinery spaces, bilges at safe level.

2000-2400 WATCH

Oiler - Magalanes FWT - Johnson

WATCH ENGR'S SIGNATURE-

J.L. Randick R/E

BRIC - Refect secured Refect plant. Made routine inspections of all machinery spaces, bilges at safe level, fuel oil meter not working.

2400-0400 WATCH

Oiler - Magalanes FWT - Johnson

WATCH ENGR'S SIGNATURE-

John L. Randick R/E

All conditions and machinery as before and in good order.

0400-0800 WATCH

Oiler Raigoza FWT: Van Buskirk

WATCH ENGR'S SIGNATURE-

D. D. D. R/E

Noted unusual noise from # 1, 1. Gen. intermittently from gear train. Raised vacuum on # 3 and secured # 4 from board @ 0745.

0800-1200 WATCH

Oiler: Raigoza FWT: Van Buskirk

WATCH ENGR'S SIGNATURE-

D. D. D. R/E

Spring tubes in Stbd boiler from 0815 to 0815 - Transferred D.C. load back to deck generator & secured plant @ 0830

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE-

R.B. Thompson.

CHIEF ENGR'S SIGNATURE-

Otto L. Banks

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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

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

hit off 5th Lt. Seiler c 1130

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

L. B. Thompson

CHIEF ENGR'S SIGNATURE-

Otto L. Bantz

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Carr John Pope				at Hunter's Point						1/12/13/70	
WATCH											
1200 TO 1800 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200											
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											
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											
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											
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											
CO ₂ % PORT BOILER											
CO ₂ % STBD. BOILER											
OIL LEVEL MAIN SUMP											

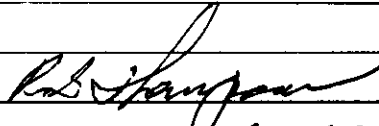
GENERATORS												FUEL - WATER AND LUBE OIL											
WATCH												FUEL OIL											
GENERATOR NUMBER R.P.M. STEAM PRESSURE STEAM TEMP. L.O. PRESSURE L.O. TO COOLER L.O. FROM COOLER TEMP. OF HOTTEST BEARING L.O. GOVERNOR PRESSURE AMPS POSITIVE AMPS NEGATIVE VOLTS												METER AT NOON METER PREVIOUS NOON CONSUMED BY METER ON HAND AT START OF DAY RECEIVED DURING DAY EXPENDED DURING DAY REMAINING ON BOARD ON HAND AT START OF DAY EVAPORATED OR RECEIVED ON HAND CONSUMED											
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AVERAGE R.P.M.												STATE OF SEA											
TOTAL MILES BY ENGINE												STATE OF WEATHER											
TOTAL MILES BY OBSERVATION																							

REMARKS

1200-1600 WATCH

Shotted #3 Aux. gun @ 1300 - Secured Shore Strom @ 1315 - Put Strom on #2 PB, #3 PB, #4 P/S & 4K - #5 PB, #4 R.D.T., #5 R.D.T., #6 R.D.T. Put #2 Aux. gun on E.R. Load only @ 1420

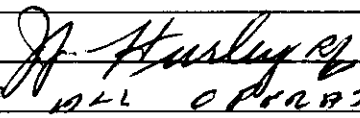
WATCH ENGR'S SIGNATURE-



1600-2000 WATCH

AS BEFORE. PLANT NORMAL. BIGES AT SAFE LEVEL. ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES.

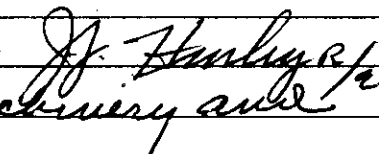
WATCH ENGR'S SIGNATURE-



2000-2400 WATCH

AS BEFORE. ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES. BIGES AT A SAFE LEVEL.

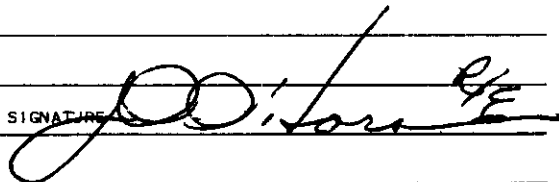
WATCH ENGR'S SIGNATURE-



2400-0400 WATCH

Routine inspections made. All machinery and conditions as before.
#4 DB⁷ F.O. tk showing seepage @ sounding tube.

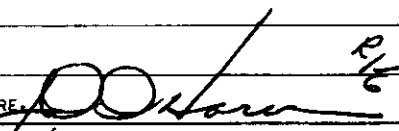
WATCH ENGR'S SIGNATURE-



0400-0800 WATCH

all as before.

WATCH ENGR'S SIGNATURE-

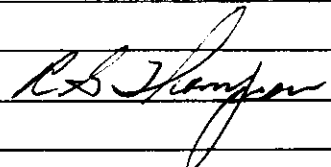


0800-1200 WATCH

Machy as before - made inspections of all Machy & Spaces

SE

WATCH ENGR'S SIGNATURE-



CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE-



[illegible]

REMARKS

1200-1600 WATCH

Mach'y in Operation 5thd boiler, 5thd. M.V. pump. 5thd. Fire draft Service 5thd. Factor Service Pump, #3 Aux. gen. on A.R. load only - Aux. Circ. P. Aux. Cond. P. Flushing water, Potable water, & Air from deck.

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

Mach'y as before, 1530-discharging Fuel Oil to barge using #1 and #2 FUEL OIL Transfer pumps, Complied with N/S orders, Made inspections of outside Mach'y spaces, bilges at safe level, M.V.F.-#1 D.W.T.H. F.O. SUET-5thd Inbd sett.

Oiler-Bradley FWT-Douglas

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

Mach'y as before, Discharging Fuel Oil to barge, C/S F.O. strainers, Made inspections of outside Mach'y spaces, bilges at safe level, M.V.F.-#1 5thd, F.O. Suet-5thd Inbd sett., Complied with N/S orders.

Oiler-Bradley FWT-Douglas

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

Ship's engineers discharging F.O. to barge all watches. Regular inspections of machinery spaces - all in good order.

Oiler: Magallanes FWT: Johnson

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

All as Before.

0800-1200 WATCH

Finished transferring Fuel oil to barge c 0835. Transferred fuel oil from #75 to isolated Sullair finished c 1030. Made inspections of all Mach'y & spaces.

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

Oiler Bellia FWT: Raigosa

WATCH ENGR'S SIGNATURE-

Transferred 8200 bbls fuel oil from USNS Pope to The River Lines Barge #10 (for the USNS Briton). Started pumping 1530 1/13/70 finished 0835 1/14/70, no spillage observed. 283

CHIEF ENGR'S SIGNATURE-

USNS	Gen John Pope		VOYAGE NO.	at Hunter's Point		TO	TYPE OF VESSEL		DATE									
			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)			9719	971	972	972	972	972										
			140	9660	0110	0690	0900	1270										
F.O. CONSUMED			410	510	610	560	210	370										
PRESSURES			MACH. PARTICULARS (CONT'D)															
			TEMPERATURES (CONT'D)															
			HOTTEST GEAR BEARING FORWARD															
			HOTTEST GEAR BEARING AFT															
			AUX. COND. CONDENSATE															
			1ST STAGE FEED WATER HEATER															
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			F. O. BACK PRESSURE															
			MAIN STEAM															
			F.O. TO BURNERS															
			MAIN COND. SALINITY															
			ENGINE ROOM TEMPERATURE															
TEMPERATURES			FIRE ROOM TEMPERATURE															
			NOZZLES IN USE															
			NO. OF BURNERS IN USE															
			BURNER TIP SIZE															
			CO ₂ % PORT BOILER															
			CO ₂ % STBD. BOILER															
			OIL LEVEL MAIN SUMP															

GENERATORS												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	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	LUBE OIL	ON HAND AT START OF DAY	RECEIVED	ON HAND	CONSUMED	DIESEL OIL	ON HAND	RECEIVED	CONSUMED	
1200 TO 1600	3	1200	440		9.5	126	106		75	225	235	440																							
1600 TO 2000	3	1200	440		9.5	126	106		75	225	235	440																							
2000 TO 2400	3	1200	440		9.5	126	106		75	225	225	440																							
2400 TO 0400	3	1200	440		9.5	134	114		75	225	225	440																							
0400 TO 0800	3	1200	440		9.0	132	110		75	225	225	440																							
0800 TO 1200	3	1200	440		9.5	132	110		75	225	225	440																							
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)																																			
L.O. CENTRIFUGE - HOURS OPERATED																																			
SUMMARY																																			
RUNNING TIME												PROPELLER SLIP (%)																							
DETENTION TIME												BBL FUEL/M																							
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

Mach'y in Operation, 5thd. Boiler, 5thd. M.V. P. P., 5thd. Force Draft Blower
 5thd. Fuel oil Service Pump, #3 Aux. gen. on Engine Room load only, Aux. Circ. P.
 Aux. Cond. P., Flushing water, Potable water, & Air from deck. Put Steam on
 increased Settler @ 1230. Made inspections of all Mach'y & Spaces.

Oiler Bella FWT. Raigosa

WATCH ENGR'S SIGNATURE-

R. L. Thompson

1600-2000 WATCH

Mach'y as before, Made inspections of all Mach'y spaces, complied
 with N/S orders, bilges at safe level, M.V.F. - #1 5thd Dist. Tank F.O. SUCT.
 5thd OUTBOARD SETT.

Oiler-Bradley FWT-Douglass

WATCH ENGR'S SIGNATURE-

John L. Baudick R/L

2000-2400 WATCH

Mach'y as before, Made inspections of all Mach'y spaces, C/C burners
 & F.O. strainer, bilges pumped to safe level, Complied with N/S orders,
 M.V.F. #1 5thd Dist. Tank, F.O. SUCT. - 5thd OUTBOARD SETT.

Oiler-Bradley FWT-Douglass

WATCH ENGR'S SIGNATURE-

John L. Baudick R/L

2400-0400 WATCH

Mach'y as before, Made inspections of all Mach'y spaces, Bilges at safe
 level, Complied with N/S orders, M.V.F. - #1 5thd. Dist. Tank, F.O. SUCT. - 5thd OUTBOARD
 SETT., 0215- Shifted F.O. SUCT. TO 5thd INBOARD SETT.

Oiler-George FWT-Ramos

WATCH ENGR'S SIGNATURE-

John L. Baudick R/L

0400-0800 WATCH

Mach'y as before. Made inspections of all Mach'y spaces. Bilges
 at safe level. Complied with N/S orders. Changed & cleaned burner and strainer.

Oiler-George FWT-Ramos

WATCH ENGR'S SIGNATURE-

Robert L. Baudick R/L

0800-1200 WATCH

Mach'y as before. Transferred fuel oil from #75 to outboard
 Settler finished @ 0930. Increased Stm. on #75 @ 0930. Made inspections
 of all Mach'y & Spaces

Oiler Raigosa FWT Van Buakirk

WATCH ENGR'S SIGNATURE-

R. L. Thompson

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE-

O. L. Baudick

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE		
Gen John Pope				at Hunters Point						1/15/16/17		
WATCH												
		1200 TO 1800	1800 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			WATCH		
		1200 TO 1800	1800 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			WATCH		
MACHINERY PARTICULARS								MACH. PARTICULARS (CONT'D)				
PRESSURES								TEMPERATURES (CONT'D)				
TEMPERATURES												
RUNNING TIME								HOTTEST GEAR BEARING FORWARD				
DETENTION TIME								HOTTEST GEAR BEARING AFT				
REVOLUTION COUNTER (END OF WATCH)								AUX. COND. CONDENSATE				
TOTAL REVOLUTIONS (FOR WATCH)								1ST STAGE FEED WATER HEATER				
AVERAGE RPM								D. C. FEED WATER HEATER				
F.O. METER (END OF WATCH)								3RD STAGE FEED WATER HEATER				
F.O. CONSUMED												
THROTTLE								SUPER HEAT				
H.P. AHEAD								F.O. TO BURNERS				
L.P. AHEAD								AIR TO FURNACE				
VACUUM								F.O. TEMP. IN SETTLING TANKS				
L.O. TO TURBINES								PORT BOILER UPTAKE				
AUX. STEAM								STBD. BOILER UPTAKE				
BACK PRESSURE								F. O. BACK PRESSURE				
GLAND STEAM								MAIN STEAM				
H.P. BLEEDER								F.D. TO BURNERS				
L.P. BLEEDER								MAIN COND. SALINITY				
STEAM AT THROTTLE								ENGINE ROOM TEMPERATURE				
L. P. EXHAUST								FIRE ROOM TEMPERATURE				
CONDENSATE								NOZZLES IN USE				
CIRC. WATER IN								NO. OF BURNERS IN USE				
CIRC. WATER OUT								BURNER TIP SIZE				
L.O. TO COOLERS								CO. % PORT BOILER				
L.O. FROM COOLERS								CO. % STBD. BOILER				
TEMPERATURE THRUST BEARING								OIL LEVEL MAIN SUMP				
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
1200 TO 1800	#3	1200	440		9.5	132	110		75	225	225	440
1800 TO 2000	3	1200	440		9.5	132	110		75	225	225	440
2000 TO 2400	3	1200	440		9.5	132	110		75	225	225	440
2400 TO 0400	3	1200	440		9.5	132	110		75	250	250	240
0400 TO 0800	3	1200	440		9.5	132	110		75	250	250	240
0800 TO 1200	3	1200	440		9.5	132	110		75	225	225	440
FUEL - WATER AND LUBE OIL												
FUEL OIL						DOMESTIC WATER						
METER AT NOON						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						ON HAND AT START OF DAY						
EXPENDED DURING DAY						RECEIVED						
REMAINING ON BOARD						ON HAND						
ON HAND AT START OF DAY						CONSUMED						
EVAPORATED OR RECEIVED						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 1800		1800 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

Mach'y in operation, 5thd boiler, 5thd. M. P. P. 5thd. Since draft stove
 5thd fuel oil P. #3 Aux. gen on engine room only, Aux. Cee. P., Aux. Cond. P.
 Flushing water, Potable water, & Air from deck. Blow tubes in #3 boiler, from
 1400 to 1415' made inspections of all Mach'y & Spaces - changed & cleaned
 F.O. buenna & Steamers

1600-2000 WATCH

Oiler Lebois FWT. Van Buxick WATCH ENGR'S SIGNATURE. R.B. Thompson
 Mach'y as before, Made inspections of all Mach'y spaces, bilges at safe level,
 complied with N/S orders, MUF - #1 5thd M. P. T. K, F.O. Suct - 5thd inbd sett.

2000-2400 WATCH

Oiler Lebois FWT. Duran WATCH ENGR'S SIGNATURE. John S. Burdick R/E
 Mach'y as before, Made inspections of all Mach'y spaces, bilges
 at safe level, Complied with N/S orders, MUF - #1 5thd, F.O. Suct -
 5thd inbd sett.

2400-0400 WATCH

Oiler Lebois FWT. Duran WATCH ENGR'S SIGNATURE. John S. Burdick R/E
 all conditions and machinery as before. Regular inspections
 of all machinery spaces, all in good order.

0400-0800 WATCH

Oiler George FWT. Ramos
 All as before.

WATCH ENGR'S SIGNATURE

0800-1200 WATCH

Oiler George FWT. Ramos
 Mach'y as before. Made inspections of all Mach'y & Spaces

WATCH ENGR'S SIGNATURE

CHIEF ENGINEER

Oiler Lebois FWT. Duran

WATCH ENGR'S SIGNATURE

CHIEF ENGR'S SIGNATURE

Otto L. Bantz

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
Gen John Pope				at Hunter's Point						1/16/17/20			
WATCH													
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200						
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)		972	972	972	972	972	972						
F.O. CONSUMED		4660	5160	5850	6430	7030	7610						
THROTTLE													
H.P. AHEAD													
L.P. AHEAD													
VACUUM													
L.O. TO TURBINES													
AUX. STEAM													
BACK PRESSURE													
GLAND STEAM													
H.P. BLEEDER													
L.P. BLEEDER													
L.P. BLEEDER													
STEAM AT THROTTLE													
L. P. EXHAUST													
CONDENSATE													
CIRC. WATER IN		53	53	53	53	53	53						
CIRC. WATER OUT		59	59	59	59	59	59						
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													
HOTTEST GEAR BEARING FORWARD													
HOTTEST GEAR BEARING AFT													
AUX. COND. CONDENSATE		69	69	69	68	68	68						
1ST STAGE FEED WATER HEATER		240	240	240	240	240	240						
D. C. FEED WATER HEATER		240	240	240	240	240	240						
3RD STAGE FEED WATER HEATER													
SUPER HEAT													
F.O. TO BURNERS		200	190	190	190	190	190						
AIR TO FURNACE													
F.O. TEMP. IN SETTLING TANKS		98	95	95	95	98	98						
PORT BOILER UPTAKE													
STBD. BOILER UPTAKE		310	310	335	340	335	345						
F. O. BACK PRESSURE													
MAIN STEAM		440	440	440	440	440	440						
F.O. TO BURNERS		150	150	150	160	100	110						
MAIN COND. SALINITY													
ENGINE ROOM TEMPERATURE													
FIRE ROOM TEMPERATURE													
NOZZLES IN USE													
NO. OF BURNERS IN USE		1	1	1	1	1	1						
BURNER TIP SIZE		60	60	60	60	60	60						
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		3	1200	440		9.5	132	110		75	225	225	440
1600 TO 2000		3	1200	440		9.5	132	110		75	225	225	440
2000 TO 2400		3	1200	440		9.5	132	110		75	225	225	440
2400 TO 0400		3	1200	440		9.5	132	110		78	250	250	440
0400 TO 0800		3	1200	440		9.5	132	110		78	250	250	440
0800 TO 1200		3	1200	440		9.5	132	110		76	250	250	440
FUEL - WATER AND LUBE OIL													
FUEL OIL		METER AT NOON		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		ON HAND AT START OF DAY									
		EXPENDED DURING DAY	31	RECEIVED									
		REMAINING ON BOARD		ON HAND									
DOMESTIC WATER		ON HAND AT START OF DAY		CONSUMED									
		EVAPORATED OR RECEIVED		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

Mach'y in Operation, Stbd. boiler, Stbd. M.W. P.P., Stbd. Force draft blower, Stbd. F.O.P., #3 Aux. gen on E.L. load only, Aux. Circ. P. Aux. Cond. P. Flushing water, Potable water & Air from dock. Blev. Tubes on Stbd. boiler from 1400 to 1415. Made inspections of all Mach'y & Spaces

Oiler - Lebois

FWT - Dugan

WATCH ENGR'S SIGNATURE -

RB Thompson

1600-2000 WATCH

Mach'y as before, Compounded #3 boiler, Made inspections of all Mach'y spaces, bilges at safe level, Complied with N/S orders, M.U.F. - #1 Stbd DIST. TK, F.O. SUCT. - Stbd inbd sett. Contaminated Tank Drain to bilge

NOTE: Oiler Bradley Failed to Relieve Watch

Oiler - Lebois

FWT - Douglass

WATCH ENGR'S SIGNATURE -

John L. Baerlich R/E

2000-2400 WATCH

Mach'y as before, Made inspections of all Mach'y spaces, bilges pumped to safe level, Complied with N/S orders, M.U.F. - #1 Stbd DIST. TK, F.O. SUCT. - Stbd inbd sett. Contaminated Tank Drain to bilge.

Oiler - Lebois

FWT - Douglass

WATCH ENGR'S SIGNATURE -

John L. Baerlich R/E

2400-0400 WATCH

All machinery and conditions as before and in good order.
Machinery spaces checked regularly.

Oiler: George

FWT: Ramos

WATCH ENGR'S SIGNATURE -

J. L. Baerlich R/E

0400-0800 WATCH

As before

Oiler: George

FWT: Ramos

WATCH ENGR'S SIGNATURE -

J. L. Baerlich R/E

0800-1200 WATCH

All as before

Oiler: Magallanes

FWT: Johnson

WATCH ENGR'S SIGNATURE -

J. L. Baerlich R/E

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE -

W. L. Baerlich

USNS		VOYAGE NO.		FROM		AT		TO		TYPE OF VESSEL		DATE			
Gen John Pope				HUNTERS PRINCE								11/17-18/70			
		WATCH								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)		972 7990						975 0180							
F.O. CONSUMED		370													
PRESSURES		THROTTLE													
		H.P. AHEAD													
		L.P. AHEAD													
		VACUUM													
		L.O. TO TURBINES													
		AUX. STEAM													
		BACK PRESSURE													
		GLAND STEAM													
		H.P. BLEEDER													
		L.P. BLEEDER													
		L.P. BLEEDER													
		TEMPERATURES		STEAM AT THROTTLE											
L. P. EXHAUST															
CONDENSATE															
CIRC. WATER IN				54											
CIRC. WATER OUT				60											
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															
MACH. PARTICULARS (CONT'D)		HOTTEST GEAR BEARING FORWARD													
		HOTTEST GEAR BEARING AFT													
		AUX. CONO. CONDENSATE		70											
		1ST STAGE FEED WATER HEATER													
		D. C. FEED WATER HEATER		240											
		3RD STAGE FEED WATER HEATER													
		SUPER HEAT		P											
		F.O. TO BURNERS		200											
		AIR TO FURNACE		P											
		F.O. TEMP. IN SETTLING TANKS		S		90									
		PORT BOILER UPTAKE		P		INB 100 OUTB 90									
		STBD. BOILER UPTAKE		S		335									
TEMPERATURES		F. O. BACK PRESSURE													
		MAIN STEAM		440											
		F.O. TO BURNERS		160											
		MAIN COND. SALINITY													
		ENGINE ROOM TEMPERATURE													
		FIRE ROOM TEMPERATURE													
		NOZZLES IN USE													
		NO. OF BURNERS IN USE		P		1									
		BURNER TIP SIZE		S		60									
		CO. % PORT BOILER													
		CO. % STBD. BOILER													
		OIL LEVEL MAIN SUMP													
PRESSURES		MAIN COND. SALINITY													
		ENGINE ROOM TEMPERATURE													
		FIRE ROOM TEMPERATURE													
		NOZZLES IN USE													
		NO. OF BURNERS IN USE		P		1									
		BURNER TIP SIZE		S		60									
		CO. % PORT BOILER													
		CO. % STBD. BOILER													
		OIL LEVEL MAIN SUMP													
		MAIN COND. SALINITY													
		ENGINE ROOM TEMPERATURE													
		FIRE ROOM TEMPERATURE													
MISCELLANEOUS		NOZZLES IN USE													

REMARKS

1200-1600 WATCH

Mach'y in operation: STD boiler, STD M.F.D. P.P., STD F.D. blower, STD F.D. P.P., #3 S/S Gen. on E.R. Load only, Aux. Circ. P.P., Aux. cond. P.P. Flushing water, Potable water, & Air from deck, bilges pumped to 52FE level, Made inspections of all Mach'y spaces, complied with N/S orders, M.U.F. #1 STD Dist. Tank, F.D. Suet, STD In'd sett. C/L F.D. Strainers & burners.

Oiler-Magallanes FWT-Johnson

WATCH ENGR'S SIGNATURE-

John L. Brundick R/E

1600-2000 WATCH

1830-LOST control air, 1840-secured #3 boiler, opened superheater drains & vents as water level at lowest permissible level, all AUX's secured, called Ch. Engr & 1ST/A Engr, 1915-Shifted to shore power & started M.F. Feed pump to maintain water in boiler

Oiler-Bradley FWT-Douglas

WATCH ENGR'S SIGNATURE-

John L. Brundick R/E

2000-2400 WATCH

2000-Shore air back on, cut in shore steam for Atomizers, 2115-LIT OFF STD boiler, 2230 secured shore steam, 2210 LIT OFF AUX Air Ejector, 2220 LIT OFF #3 Gen., unable to hold circuit breaker in on #3 Gen.

Oiler-Bradley FWT-Douglas

WATCH ENGR'S SIGNATURE-

John L. Brundick R/E

2400-0400 WATCH

Unable to hold circuit breaker in on #3 generator. Floating boiler with shore power to main board.

Oiler: George FWT: Ramos

WATCH ENGR'S SIGNATURE-

D. L. Ramos R/E

0400-0800 WATCH

All conditions and machinery as above

Oiler: George FWT: Ramos

WATCH ENGR'S SIGNATURE-

D. L. Ramos R/E

0800-1200 WATCH

All as before

Oiler: Magallanes FWT: Johnson

WATCH ENGR'S SIGNATURE-

D. L. Ramos R/E

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE-

Otto H. Pahl

REMARKS

1200-1600 WATCH

Mach'y in oper: Stbd boiler, Stbd Ma. F.P., Stbd F.D. blowery, Stbd F.D. P.P. 35/5 Gen Idling, 2vx circy, 2vx cond. pumps, Flushing water, Potable water, Comp. air, and Elect. power from dock. 1230 - Shifted M.U.F. To #1 Port & Shifted F.D. Suct To Stbd Outbd sett., bilges at safe level, Complied with N/S orders, Made Rounds all Mach'y spaces.

Oiler - Magallanes FWT - Johnson

WATCH ENGR'S SIGNATURE -

John L. Burdick R/E

1600-2000 WATCH

Mach'y as before, Made Routine Rounds of all Mach'y spaces, bilges at safe level, Complied with N/S orders, M.U.F. #1 Port Dist. Tank, F.D. Suct. - Stbd Outbd sett.

Oiler - RA19022 FWT - Buskirk

WATCH ENGR'S SIGNATURE -

John L. Burdick R/E

2000-2400 WATCH

Mach'y as before, Routine Rounds of all Mach'y spaces, bilges pumped to safe level, Complied with N/S orders, M.U.F. - Port #1 Dist. Tank, F.D. Suct. - Stbd Outbd sett.

Oiler - RA19022 FWT - Buskirk

WATCH ENGR'S SIGNATURE -

John L. Burdick R/E

2400-0400 WATCH

All conditions and machinery as before.
made regular inspections of all machinery spaces.

Oiler: George DWT: Ramos

WATCH ENGR'S SIGNATURE -

J. Ramos R/E

0400-0800 WATCH

All as before.

Oiler: George DWT: Ramos

WATCH ENGR'S SIGNATURE -

J. Ramos R/E

0800-1200 WATCH

Mach'y as before. Made inspections of all Mach'y spaces elect. working on #3 Aux. gen.

Oiler Magallanes FWT - Johnson

WATCH ENGR'S SIGNATURE -

C. B. Johnson

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE -

Otto L. Bandy

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Gen John Pope				AT Hunters Point						11/19/20/80	
WATCH											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 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											
MACH. PARTICULARS (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											
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											
CO ₂ % PORT BOILER											
CO ₂ % STBD. BOILER											
OIL LEVEL MAIN SUMP											
MISCELLANEOUS											
MACH. PARTICULARS											
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											
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											
DIESEL OIL											
ON HAND AT START OF DAY											
EVAPORATED OR RECEIVED											
ON HAND											
RECEIVED											
CONSUMED											
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)											
L.O. CENTRIFUGE - HOURS OPERATED											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
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

Mach'y or Operation Stbd. boiler, Stbd. Mx. P. Stbd. Force draft blower, Stbd. F.D. P. #3 Aux. gen idling, Aux. Circ. P., Aux. Cond. P., AC & DC Pumps, Flushing water, Potable water, & Air from deck. Blow tubes in Stbd. boiler from 1440 to 1445. Made inspections of all Mach'y & Spaces. Stbd. boiler on Const. blow to bilge.

1600-2000 WATCH

Oiler Magallanes FWT Johnson

WATCH ENGR'S SIGNATURE

R. B. Thompson

Mach'y as before, Stbd boiler on Const. blowdown to bilges, Made Routine rounds of Mach'y spaces, bilges at safe level, Complied with N/S orders; MUF-#1 Port Dist. Tank, F.D. SUCT. Stbd outboard sett.

2000-2400 WATCH

Oiler-Raigosa FWT BUSKIRK

WATCH ENGR'S SIGNATURE

John L. Bursick R/E

Mach'y as before, Stbd boiler on Const. blowdown to bilges, Made Routine Round of Mach'y spaces, bilges pumped to safe level, Complied with N/S orders, MUF-#1 Port Dist. tank, F.D. SUCT. Stbd outboard settier.

2400-0400 WATCH

Oiler-Raigosa FWT-BUSKIRK

WATCH ENGR'S SIGNATURE

John L. Bursick R/E

All machinery and conditions as before

0400-0800 WATCH

Oiler: Bradley FWT: Douglas
all as before

WATCH ENGR'S SIGNATURE

J. L. Bursick R/E

0800-1200 WATCH

Oiler: Bradley FWT: Douglas

WATCH ENGR'S SIGNATURE

J. L. Bursick R/E

Mach'y as before. Made inspections of all mach'y spaces. No. 3 Gen. on line @ 0815. No. 3 boiler on Const. blow to bilge.

18

CHIEF ENGINEER

Oiler-Magallanes FWT-Johnson

WATCH ENGR'S SIGNATURE

Robert L. Beck W/A/E

CHIEF ENGR'S SIGNATURE

Otto L. Bursick

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE					
Gen. John Pope				St. Hunter's Point						1/20/21/70					
		WATCH								WATCH					
		1200 TO 1800	1800 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1800	1800 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME								MACH. PARTICULARS (CONT'D)							
DETENTION TIME								TEMPERATURES (CONT'D)							
REVOLUTION COUNTER (END OF WATCH)								HOTTEST GEAR BEARING FORWARD							
TOTAL REVOLUTIONS (FOR WATCH)								HOTTEST GEAR BEARING AFT							
AVERAGE RPM								AUX. COND. CONDENSATE		68	70	74	72	70	68
F.O. METER (END OF WATCH)		973 6470	973 7120	973 7660	973 8250	973 8860	973 9270	1ST STAGE FEED WATER HEATER							
F.O. CONSUMED		430	650	540	590	600	420	D. C. FEED WATER HEATER		220	240	240	240	240	240
								3RD STAGE FEED WATER HEATER							
								SUPER HEAT		P					
										S					
								F.O. TO BURNERS		200	200	200	200	200	200
								AIR TO FURNACE		P					
										S	90	90	90	90	90
								F.O. TEMP. IN SETTLING TANKS		P	110	112	112	112	112
										S	108	106	104	104	108
								PORT BOILER UPTAKE							
								STBD. BOILER UPTAKE		375	355	300	320	320	390
								F. O. BACK PRESSURE							
								MAIN STEAM		440	440	440	440	440	440
								F.O. TO BURNERS		170	160	160	175	180	180
								MAIN COND. SALINITY							
								ENGINE ROOM TEMPERATURE							
								FIRE ROOM TEMPERATURE							
								NOZZLES IN USE							
								NO. OF BURNERS IN USE		P					
										S	1	1	1	1	1
										P					
								BURNER TIP SIZE		S	60	60	60	60	60
								CO ₂ % PORT BOILER							
								CO ₂ % STBD. BOILER							
								OIL LEVEL MAIN SUMP							

REMARKS

1200-1600 WATCH

Mach'y in operation - Stbd Boiler, Stbd Mm. Fld. Pump, Stbd F.O.P., Stbd Forced Draft Blower, No. 3 Gen on Engine load, Aux. Circ Pump, Aux. Cond. Pump, A.C. & D.C. Power, Flushing water, Potable water, Comp. Air from Dock. Stbd boiler on cont. blow to bilge. Made inspections of all Mach'y spaces.

Oiler Magallanes F.W.T. Johnson

WATCH ENGR'S SIGNATURE-

R. L. Beck 1st A/E

1600-2000 WATCH

Mach'y as before, C/C F.O. strainer & burner, Made Routine rounds of all Mach'y spaces, Complied with N/S orders, bilges at safe level, M.U.F. - #1 Port Dist. TK, F.O. SUCT. - Stbd outbd sett., stbd boiler on cont. blow to bilges.

Oiler - R219022 F.W.T. - BUSKIRK

WATCH ENGR'S SIGNATURE-

John L. Burdick R/E

2000-2400 WATCH

Mach'y as before, Made Routine rounds of all Mach'y spaces, bilges pumped to safe level, Complied with N/S orders, boiler (stbd) on cont. blow to bilges, M.U.F. - #1 Port Dist. TK, F.O. SUCT. - Stbd outbd sett.

Oiler - R219022 F.W.T. - BUSKIRK

WATCH ENGR'S SIGNATURE-

John L. Burdick R/E

2400-0400 WATCH

All machinery and conditions as before. Regular rounds made of all machinery spaces

Oiler: Bradley F.W.T. Douglas

WATCH ENGR'S SIGNATURE-

D. Laro R/E

0400-0800 WATCH

All as before

Oiler: Bradley F.W.T. Douglas

WATCH ENGR'S SIGNATURE-

D. Laro R/E

0800-1200 WATCH

Mach'y as before. Made inspections of all Mach'y spaces. No. 3 Boiler on cont. blow to bilge. Filling No. 2 P's Deep tank w/ fresh water. F.W.T. Johnson called in sick.

Oiler Magallanes F.W.T. Lebiec

WATCH ENGR'S SIGNATURE-

R. L. Beck 1st A/E

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE-

Otto L. Bandy

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Gen. John Pope				At Hunters Point						1/20/21/70	
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											
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											
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											
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											
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											
CO ₂ % PORT BOILER											
CO ₂ % STBD. BOILER											
OIL LEVEL MAIN SUMP											

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	METER PREVIOUS NOON	CONSUMED BY METER	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED	ON HAND AT START OF DAY	RECEIVED	ON HAND	CONSUMED	ON HAND AT START OF DAY	RECEIVED	ON HAND	CONSUMED	
1200 TO 1600	3	1200	440		9	122	104		75	200	200	240																
1600 TO 2000	3	1200	440		9.5	132	110		75	225	225	240																
2000 TO 2400	3	1200	440		9.5	132	110		75	225	225	240																
2400 TO 0400	3	1200	440		9	132	110		75	225	225	240																
0400 TO 0800	3	1200	440		9	132	118		75	225	225	240																
0800 TO 1200	3	1200	440		9	132	110		75	225	225	240																
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

Machinery in operation - Stbd Boiler, Stbd Mm. Feed Pump, Stbd Forward Draft Blower, Stbd F.O.P., No. 3 Sew., Aux. Circ., Aux. Cond. Pump, A.C. & D.C. Power, Fresh Water, Sanitary Water, Comp Air from Deck. Stbd Boiler on Cont. Blow to bilge. Blew tubes Stbd Boiler

Oiler - Magallanes FWT - Lebrós

WATCH ENGR'S SIGNATURE -

R. L. Peck 1st A/E

1600-2000 WATCH

Machinery as before, 1615 - shifted M.V.F. To #2 port dist. Tank, 1800 - oiler checked feed eng. room on board Weigel, made routine rounds of all machinery spaces, bilges at safe level, complied with N/S orders, F.O. Suct. - Stbd OUTBOARD SETTLE

Oiler - Raigoza FWT - Buspink

WATCH ENGR'S SIGNATURE -

John L. Brandiff R/E

2000-2400 WATCH

Machinery as before, 2130 - Oiler checked & pumped bilges on board Weigel, made routine rounds of all machinery spaces, complied with N/S orders, bilges pumped to safe level, M.V.F. #1 port, F.O. Suct. Stbd outboard settle.

Oiler - Raigoza FWT - Buspink

WATCH ENGR'S SIGNATURE -

John L. Brandiff R/E

2400-0400 WATCH

All machinery and conditions as before. Oiler checked bilges on Weigel - in good order.

Oiler Bradley FWT Douglas
All as before

WATCH ENGR'S SIGNATURE -

J. O'Leary R/E

0400-0800 WATCH

Oiler Bradley FWT Douglas

WATCH ENGR'S SIGNATURE -

J. O'Leary R/E

0800-1200 WATCH

Machinery as before. Made inspections of all machinery spaces. No. 3 Boiler on Cont. Blow to bilge. Pumped up Stbd Outboard Settler from #7 DB Port. Chopped F.O. Suct. to Stbd Inboard Settler.

Oiler - George FWT Ramos

WATCH ENGR'S SIGNATURE -

R. L. Peck 1st A/E

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE -

Otto L. Bank

USNS		Gen John Pope		VOYAGE NO.		Ret Hunters Point		FROM		TO		TYPE OF VESSEL		DATE		1/21/22/70									
		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)		974		974		974		974		974		974		974		974		974		974		974		974	
F.O. CONSUMED		2880		3280		3740		4200		4700		5250		5800		6350		6900		7450		8000		8550	
F.O. CONSUMED		550		400		510		410		500		550		600		500		600		550		650		600	
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		55		55		55		54		54		54		54		54		54		54		54	
		CIRC. WATER OUT		62		61		61		62		62		62		60		60		60		60		60	
		L.O. TO COOLERS																							
		L.O. FROM COOLERS																							
		TEMPERATURE THROTTLE 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		75		74		75		74		74		70		70		70		70		70		70	
		1ST STAGE FEED WATER HEATER																							
		D. C. FEED WATER HEATER		240		240		240		240		240		240		240		240		240		240		240	
		3RD STAGE FEED WATER HEATER																							
		SUPER HEAT																							
		F.O. TO BURNERS		204		200		200		200		200		200		200		200		200		200		200	
		AIR TO FURNACE																							
		F.O. TEMP. IN SETTLING TANKS		90		90		90		90		90		90		90		90		90		90		90	
		PORT BOILER UPTAKE																							
		STBD. BOILER UPTAKE		340		320		310		310		320		335		335		335		335		335		335	
		F. O. BACK PRESSURE																							
		MAIN STEAM		440		440		440		440		440		440		440		440		440		440		440	
		F.O. TO BURNERS		200		165		150		180		220		185		185		185		185		185		185	
		MAIN COND. SALINITY																							
		ENGINE ROOM TEMPERATURE																							
		FIRE ROOM TEMPERATURE																							
		NOZZLES IN USE																							
		NO. OF BURNERS IN USE		1		1		1		1		1		1		1		1		1		1		1	
		BURNER TIP SIZE		60		60		60		60		60		60		60		60		60		60		60	
		CO. % PORT BOILER																							
		CO. % 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		METER AT NOON		ON HAND AT START OF DAY	
																												EVAPORATED OR RECEIVED	
																												ON HAND	
																												CONSUMED	
																												ON HAND AT START OF DAY	
																												RECEIVED	
																												ON HAND	
																												CONSUMED	
																												ON HAND	
																												RECEIVED	
																												CONSUMED	
																												ON HAND	
																												RECEIVED	
																												CONSUMED	

REMARKS

1200-1600 WATCH

Machinery in operation - Stbd Boiler, Stbd Main Feed Pump, Stbd Forced Draft Blower, Stbd F.O.P., No. 3 Sew, Aux. Circ., Aux. Cond. Pump, AC & DC Power, Fresh Water, Sanitary Water, Comp. Air from Deck. Blew to bilge. Stbd Boiler from 1345 to 1400 hrs. Stbd Boiler on Cont. Blow to bilge.

Oiler - George F.W.T. - Ramos

WATCH ENGR'S SIGNATURE -

R. L. Beck 1st A/E

1600-2000 WATCH

Mach'y as before, Oiler checked & pumped bilges on board weigels, Made Routine Rounds of all Mach'y spaces, bilges at safe level, Complied with N's orders, M.U.F. - #2 Port Dist. Trk, F.O. Suet. - Stbd Inbd sett, Stbd boiler on cont. blow to bilge.

Oiler - Raigoza F.W.T. - Buskirk

WATCH ENGR'S SIGNATURE -

John L. Burdick R/E

2000-2400 WATCH

Mach'y as before, Oiler checked & pumped bilges on board weigels, Made Routine Rounds of all Mach'y spaces, bilges pumped to safe level, Complied with N's orders, M.U.F. - #2 Port Dist. Trk, F.O. Suet. - Stbd Inbd sett, Stbd boiler on cont. blow to bilge.

Oiler - Raigoza F.W.T. - Buskirk

WATCH ENGR'S SIGNATURE -

John L. Burdick R/E

2400-0400 WATCH

All machinery and conditions as before. Oiler checked Weigels bilges.

Oiler - Bradley F.W.T. - Douglas

WATCH ENGR'S SIGNATURE -

D. Laro R/E

0400-0800 WATCH

all as before

Oiler - Bradley F.W.T. - Douglas

WATCH ENGR'S SIGNATURE -

D. Laro R/E

0800-1200 WATCH

Mach'y as before. Made inspections of all mach'y spaces. No. 3 Boilers on cont. blow to bilge. Changed x-feed suction to No. 2 Stbd Dp. Filled No. 2 Port Dp from deck.

Oiler - George F.W.T. - Ramos

WATCH ENGR'S SIGNATURE -

R. L. Beck 1st A/E

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE -

Otto R. Bank

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
										23 RD 24 TH / 70	

		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								MACH. PARTICULARS (CONT'D)																											
DETENTION TIME								TEMPERATURES (CONT'D)																											
REVOLUTION COUNTER (END OF WATCH)								HOTTEST GEAR BEARING FORWARD																											
TOTAL REVOLUTIONS (FOR WATCH)								HOTTEST GEAR BEARING AFT																											
AVERAGE RPM								AUX. COND. CONDENSATE		70	70	70	72	72	74																				
F.O. METER (END OF WATCH)		974	974	974	974	974	974	1ST STAGE FEED WATER HEATER																											
F.O. CONSUMED		5710	6060	6600	7150	7450	8260	D. C. FEED WATER HEATER		240	240	240	240	240	234																				
		470	650	540	550	500	610	3RD STAGE FEED WATER HEATER																											
MACHINERY PARTICULARS		PRESSURES						BOILER PARTICULARS		TEMPERATURES		PRESSURES																							
																THROTTLE		SUPER HEAT		P		S													
																H.P. AHEAD		F.O. TO BURNERS		204		184		185		200		200		200					
																L.P. AHEAD		AIR TO FURNACE		P		S		90		90		90		90					
																VACUUM		F.O. TEMP. IN SETTLING TANKS		P		S		107		107		107		106		108		110	
																L.O. TO TURBINES		PORT BOILER UPTAKE																	
																AUX. STEAM		STBD. BOILER UPTAKE		340		350		350		35		350		340					
																BACK PRESSURE		F. O. BACK PRESSURE																	
																GLAND STEAM		MAIN STEAM		440		440		440		440		440		440		440			
																H.P. BLEEDER		F.O. TO BURNERS		270		270		270		250		175		160					
I.P. BLEEDER																																			
L.P. BLEEDER																																			
TEMPERATURES		TEMPERATURES						MISCELLANEOUS		PRESSURES																									
														STEAM AT THROTTLE		MAIN COND. SALINITY																			
														L. P. EXHAUST		ENGINE ROOM TEMPERATURE																			
														CONDENSATE		FIRE ROOM TEMPERATURE																			
														CIRC. WATER IN		NOZZLES IN USE																			
														CIRC. WATER OUT		NO. OF BURNERS IN USE		P		S		1		1		1		1							
														L.O. TO COOLERS		BURNER TIP SIZE		P		S		60		60		60		60							
														L.O. FROM COOLERS		CO ₂ % PORT BOILER																			
														TEMPERATURE THRUST BEARING		CO ₂ % STBD. BOILER																			
														FORWARD H.P. ROTOR BEARING		OIL LEVEL MAIN SUMP																			
AFT. H.P. ROTOR BEARING																																			
FORWARD L.P. ROTOR BEARING																																			
AFT. L.P. ROTOR BEARING																																			

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			BOILER WATER			LUBE OIL			DIESEL OIL		
1200 TO 1600		3	1200	440		9	131	110		75	225	225	240	METER AT NOON		ON HAND AT START OF DAY		EVAPORATED OR RECEIVED		ON HAND		CONSUMED		ON HAND AT START OF DAY	
														METER PREVIOUS NOON									RECEIVED DURING DAY		
														CONSUMED BY METER								EXPENDED DURING DAY	32		
														ON HAND AT START OF DAY								REMAINING ON BOARD			
1600 TO 2000		3	1200	440		9.5	132	110		75	240	240	240	ON HAND AT START OF DAY								ON HAND AT START OF DAY			
														RECEIVED DURING DAY								EXPENDED DURING DAY			
														CONSUMED								REMAINING ON BOARD			
2000 TO 2400		3	1200	440		9.5	132	110		75	240	240	240	ON HAND AT START OF DAY								ON HAND AT START OF DAY			
														RECEIVED DURING DAY								EXPENDED DURING DAY			
														CONSUMED								REMAINING ON BOARD			
2400 TO 0400		3	1200	440		9	132	112		75	200	200	240	ON HAND AT START OF DAY								ON HAND AT START OF DAY			
														RECEIVED DURING DAY								EXPENDED DURING DAY			
														CONSUMED								REMAINING ON BOARD			
0400 TO 0800		3	1200	440		9	132	110		75	240	240	240	ON HAND AT START OF DAY								ON HAND AT START OF DAY			
														RECEIVED DURING DAY								EXPENDED DURING DAY			
														CONSUMED								REMAINING ON BOARD			
0800 TO 1200		3	1200	440		9	132	110		75	240	240	240	ON HAND AT START OF DAY								ON HAND AT START OF DAY			
														RECEIVED DURING DAY								EXPENDED DURING DAY			
														CONSUMED								REMAINING ON BOARD			

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

Machy in operation - Stbd Boiler, Stbd Main Feed Pump, Stbd Forced Draft Blower, Stbd FOP, No. 5 Sew., Aux. Cyce., Aux. Cond. Pump, AC & DC Power, Fresh water, sanitary water, Comp. Air from Dock. Blew tubes Stbd Boiler 1330 to 1345 hrs. Stbd boiler on cont. blow to bilge.

Oiler - George

FWT - Ramos

WATCH ENGR'S SIGNATURE -

R. L. Fack 1st 1/2

1600-2000 WATCH

Machy as before, G/C burners & F.D. Blw. STRAIGHT, Oiler checked & pumped bilges on weight, Made Routine Rounds of all Machy spaces, bilges at safe level, Complied with N/S orders, M.U.F. - #2 Stbd Dist. Tk., F.D. Suct. - Stbd Inbd Sett. Secured Stbd boiler cont. blow.

Oiler - Lebar

FWT - Duran

WATCH ENGR'S SIGNATURE -

John L. Burdick R/E

2000-2400 WATCH

Machy as before, Oiler checked weight, Found bilges dry, Made Routine Rounds of all Machy spaces, Pumped bilges to safe level, Complied with N/S orders, M.U.F. - #1 Stbd Dist. Tk., F.D. Suct. - Stbd Inbd Sett.

Oiler - Lebar

FWT - Duran

WATCH ENGR'S SIGNATURE -

John L. Burdick R/E

2400-0400 WATCH

MACHINERY AS BEFORE, OILER CHECKED WEIGHT, BILGES @ SAFE LEVEL CARRIED OUT ALL NIGHT STANDING ENGINE ROOM ORDERS

OILER - BRADLEY

FWT - DOUGLAS

WATCH ENGR'S SIGNATURE -

M. J. Brown R/E

0400-0800 WATCH

MACHINERY AS BEFORE OILER CHECKED ^{WEIGHT} ~~BILGES~~, BILGES @ SAFE LEVEL CARRIED OUT ALL STANDING ENGINE ROOM ORDERS

OILER - BRADLEY

FWT - DOUGLAS

WATCH ENGR'S SIGNATURE -

M. J. Brown R/E

0800-1200 WATCH

MACHINERY AS BEFORE OILER CHECKED WEIGHT, ALL BILGES @ SAFE LEVEL CARRIED OUT ALL SHIPS AND STANDING ORDERS CHANGED OVER TO OUTBOARD SETTLER @ 1000 - HRS

OILER - GEORGE

FWT - RAMOS

WATCH ENGR'S SIGNATURE -

M. J. Brown R/E

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE -

Otto L. Bank

REMARKS

1200-1600 WATCH

Mach'y in oper: STbd boiler, STbd M.V. id pump, STbd Forced Draft blower, STbd F.O. pump, #3 Gen., Aux. Circ. pump, Aux. Cond. pump, A.C./D.C. power, Fresh water, Sanitary water, Comp. air from Deck, F.O. suat. - STbd outbd sett., M.V.F. - #2 STbd Dist. Tank, Oiler checked Weigel, Made Routine Rounds of all Mach'y spaces, bilges at safe level, G/C Disch. F.O. Strainer & burner, Complied with N/S orders

Oiler - George FWT - Ramos

WATCH ENGR'S SIGNATURE

John L. Baudisch R/E

1600-2000 WATCH

Mach'y as before, Oiler checked Weigel, Made Routine Rounds of all Mach'y spaces, bilges at safe level, Complied with N/S orders, M.V.F. - #2 STbd dist. TK, F.O. suat. - STbd outbd sett.

Oiler - Magallanes FWT - Johnson

WATCH ENGR'S SIGNATURE

John L. Baudisch R/E

2000-2400 WATCH

Mach'y as before, G/C F.O. Disch. Strainer & burner, Oiler checked Weigel, Made Routine Rounds of all Mach'y spaces, bilges pumped to safe level, Complied with N/S orders, M.V.F. - #2 STbd Dist. TK, F.O. suat. - STbd outbd sett. 2145 - Shifted M.V.F. TO #2 PORT DIST. TANK.

Oiler - Magallanes FWT - Johnson

WATCH ENGR'S SIGNATURE

John L. Baudisch R/E

2400-0400 WATCH

All machinery and conditions as before. Oiler made inspection of Weigel

Oiler: ^{Rigola} ~~Magallanes~~ FWT: Van Buskirk
All as before

WATCH ENGR'S SIGNATURE

John L. Baudisch R/E

0400-0800 WATCH

Oiler: ^{Rigola} ~~Magallanes~~ FWT: Van Buskirk
All as before

WATCH ENGR'S SIGNATURE

John L. Baudisch R/E

0800-1200 WATCH

Oiler: George FWT: Ramos

WATCH ENGR'S SIGNATURE

John L. Baudisch R/E

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE

Otto L. Baudisch

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Gen John Pope				AT Hunter's		Point				1/25-26/70	
WATCH											
1200 TO 1800 1800 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200											
WATCH											
1200 TO 1800 1800 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)		475		475		475		475		475	
F.O. CONSUMED		2100		2620		3170		3580		4080	
		510		520		500		460		500	
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											
L. P. EXHAUST											
CONDENSATE											
CIRC. WATER IN		54		56		56		55		54	
CIRC. WATER OUT		60		62		62		62		62	
L.O. TO COOLERS											
L.O. FROM COOLERS											
TEMPERATURE THRUST BEARING											
FORWARD H.P. ROTOR BEARING											
AFT. H.P. ROTOR BEARING											
FORWARD L.P. ROTOR BEARING											
AFT. L.P. ROTOR BEARING											
HOTTEST GEAR BEARING FORWARD											
HOTTEST GEAR BEARING AFT											
AUX. COND. CONDENSATE		72		68		72		74		70	
1ST STAGE FEED WATER HEATER											
D. C. FEED WATER HEATER		240		238		240		240		240	
3RD STAGE FEED WATER HEATER											
SUPER HEAT											
F.O. TO BURNERS		200		200		200		200		208	
AIR TO FURNACE											
F.O. TEMP. IN SETTLING TANKS		100		95		93		95		95	
PORT BOILER UPTAKE											
STBD. BOILER UPTAKE		340		338		335		345		335	
F. O. BACK PRESSURE											
MAIN STEAM		440		440		440		440		440	
F.O. TO BURNERS		165		160		160		165		160	
MAIN COND. SALINITY											
ENGINE ROOM TEMPERATURE											
FIRE ROOM TEMPERATURE											
NOZZLES IN USE											
ND. OF BURNERS IN USE		1		1		1		1		1	
BURNER TIP SIZE		60		60		60		60		60	
CO ₂ % PORT BOILER											
CO ₂ % STBD. BOILER											
OIL LEVEL MAIN SUMP											

GENERATORS												FUEL - WATER AND LUBE OIL							
WATCH												FUEL 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 RECEIVED DURING DAY EXPENDED DURING DAY REMAINING ON BOARD ON HAND AT START OF DAY EVAPORATED OR RECEIVED ON HAND CONSUMED							
1200 TO 1800												30							
1800 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.)																			
L.O. CENTRIFUGE - HOURS OPERATED																			
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

Mach'y in Oper: Stbd boiler, Stbd F.D. blower, Stbd M.A. F. Pump, Stbd F.O. Pump, #3 Gen, aux. circ. pp., Aux Cond. pp., AC/DC power, Fresh water, Salt water, Comp. air from deck, M.V.F. Suct. - #2 port Dist. Tk, F.O. Suct. - Stbd Outbd Sett. C/F burners & Strainer, Oiler checked weigel, Complied with N/S orders, Made Rounds of all Mach'y spaces, bilges at safe level

Oiler - George FWT - Ramos

WATCH ENGR'S SIGNATURE

John L. Burdick R/E

1600-2000 WATCH

Mach'y as before, Oiler checked weigel, Made Routine Rounds of all Mach'y spaces, bilges at safe level, Complied with N/S orders, M.V.F. Suct. - #1 port Dist. Tk, F.O. Suct. - Stbd Outbd Sett.

Oiler - Magallanes FWT - Johnson

WATCH ENGR'S SIGNATURE

John L. Burdick R/E

2000-2400 WATCH

Mach'y as before, Oiler checked weigel, Made Routine Rounds of all Mach'y spaces, Complied with N/S orders, pumped bilges to safe level, M.V.F. - #2 port Dist. Tk, F.O. Suct. - Stbd Outboard Sett.

Oiler - Magallanes FWT - Johnson

WATCH ENGR'S SIGNATURE

John L. Burdick R/E

2400-0400 WATCH

All machinery and conditions as before. Complied with night and standing orders.

Oiler: Rigola FWT: Van Bushkirk

WATCH ENGR'S SIGNATURE

John L. Burdick R/E

0400-0800 WATCH

Oiler: Rigola FWT: Van Bushkirk

WATCH ENGR'S SIGNATURE

John L. Burdick R/E

0800-1200 WATCH

Moored as before - Machinery as before - Made Routine Inspections of Machinery & spaces Conditions Normal - 0815 Put #3 Stbd Boiler on Continuous Blow Through sampling Line. Changed & Cleared F.O. Burners & Strainers - Bilges at a Safe Level.

Oiler - George FWT - Ramos

WATCH ENGR'S SIGNATURE

John L. Burdick R/E

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE

Otto L. Banks

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
Com. John Pope				At U.S. Naval Subyard		San Francisco Calif				26-27 Jan 1970			
		WATCH						WATCH					
		1200 TO 1600		1800 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			
RUNNING TIME													
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)													
TOTAL REVOLUTIONS (FOR WATCH)													
AVERAGE RPM													
F.O. METER (END OF WATCH)		975 5180		975 5720		975 6240		975 6850		975 7300 7930			
F.O. CONSUMED		580 640		570 610		450 630							
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		54 54		54 55		55 55		55 55					
CIRC. WATER OUT		62 62		62 62		62 62		62 62					
L.O. TO COOLERS													
L.O. FROM COOLERS													
TEMPERATURE THRUST BEARING													
FORWARD H.P. ROTOR BEARING													
AFT. H.P. ROTOR BEARING													
FORWARD L.P. ROTOR BEARING													
AFT. L.P. ROTOR BEARING													
MACH. PARTICULARS (CONT'D)													
HOTTEST GEAR BEARING FORWARD													
HOTTEST GEAR BEARING AFT													
AUX. COND. CONDENSATE		74 76		68 68		68 68		68 68					
1ST STAGE FEED WATER HEATER													
D. C. FEED WATER HEATER		238 236		240 240		240 240		240 238					
3RD STAGE FEED WATER HEATER													
SUPER HEAT													
F.O. TO BURNERS		200 200		200 200		200 200		200 190					
AIR TO FURNACE													
F.O. TEMP. IN SETTLING TANKS		80 80		90 90		90 90		80 80					
PORT BOILER UPTAKE													
STBD. BOILER UPTAKE		315 315		315 320		315 320		315 320					
F.O. BACK PRESSURE													
MAIN STEAM		440 440		440 440		440 440		440 440					
F.O. TO BURNERS		175 160		160 150		155 175		175 175					
MAIN COND. SALINITY													
ENGINE ROOM TEMPERATURE													
FIRE ROOM TEMPERATURE													
NOZZLES IN USE													
NO. OF BURNERS IN USE													
BURNER TIP SIZE		60 60		60 60		60 60		60 60					
CO. % PORT BOILER													
CO. % STBD. BOILER													
DIL LEVEL MAIN SUMP													
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													
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													
LUBE OIL													
ON HAND AT START OF DAY													
EVAPORATED OR RECEIVED													
ON HAND													
CONSUMED													
DIESEL OIL													
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													
1200 TO 1600													
1600 TO 2000													
2000 TO 2400													
2400 TO 0400													
0400 TO 0800													
0800 TO 1200													
SUMMARY													
RUNNING TIME													
DETENTION TIME													
TOTAL REVOLUTIONS													
AVERAGE R.P.M.													
TOTAL MILES BY ENGINE													
TOTAL MILES BY OBSERVATION													

REMARKS

1200-1600 WATCH

Moored at San Francisco Naval Shipyard, San Francisco Calif: Machinery in operation as follows: #3 Stbd Boiler, Stbd F.D. Blower Stbd M/Fd Pump, Stbd F.O. Service Pump #3 Aux Gov Aux Circ Aux. Cond Pump #10 Jet, Ships Dam, Refriger Plant - Receiving the following services from the Pier: Potable water, Firewater & Sanitary Pressure & Comp Air. B/DK Pump MUF #2 Port Dist. Tk F.O. Stbd Settler - changed & cleaned F.O. Burners & strainers Made Routine inspections of Machinery - Bilges at a safe level
 Oiler - George FWT RANOS WATCH ENGR'S SIGNATURE: *DM Linton* R/E

1600-2000 WATCH

Mach'y as before, Made Routine Rounds of all Mach'y spaces, bilges at safe level, complied with N/S orders, MUF - #2 Port Dist. Tk, F.O. Suct. - Stbd Out Bd Sett. Filling #1 Port Dist. Tank from deck.

Oiler - Magallanes FWT - Johnson

WATCH ENGR'S SIGNATURE:

2000-2400 WATCH

Mach'y as before, Made Routine Rounds of all Mach'y spaces, bilges pumped to safe level, complied with N/S orders, MUF - #2 Port Dist. Tk, F.O. Suct. - Stbd Out Bd Sett, Filled #2 Port and #1 Stbd Dist. Tanks from deck.

Oiler - Magallanes FWT - Johnson

WATCH ENGR'S SIGNATURE:

2400-0400 WATCH

All conditions and machinery as before. Regular rounds made of all engineroom spaces.

Oiler: Rigola FWT: Van Buschirk

WATCH ENGR'S SIGNATURE:

0400-0800 WATCH

All as before.

Oiler: Rigola FWT: Van Buschirk

WATCH ENGR'S SIGNATURE:

0800-1200 WATCH

Moored as before - Machinery as before 0800 Pumped #3 Stbd Settler from #7(S) DB total amount of oil pumped 15'0" - tested & compounded #3 Stbd Boiler 1000 Pot #3 Stbd Boiler on Continuous Blow Down through Sampling Line. Made Routine inspections of Machinery & spaces - changed and cleaned F.O. Burners and strainers - Bilges at a safe level 1100 Pot Steam on #7(P) DB F.O. tank

Oiler - Duran FWT - Douglass

WATCH ENGR'S SIGNATURE:

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE:

