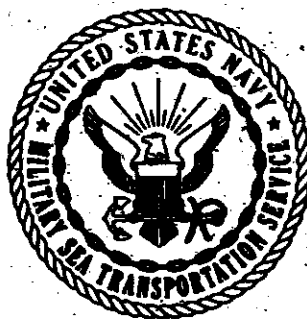


5443

ENGINE ROOM LOG

GEARED TURBINE DRIVE



FWD

USNS GEN JOHN POPE TM 110

FROM 31 Oct 1969 TO 26 Nov 1969

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		Crew John Papa		VOYAGE NO.		FROM		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			
RUNNING TIME															
DETENTION TIME															
REVOLUTION COUNTER (END OF WATCH)															
TOTAL REVOLUTIONS (FOR WATCH)															
AVERAGE RPM															
F.O. METER (END OF WATCH)		5757 130		5757 130		5757 180		5757 240		5757 300		5757 360		5757 420	
F.O. CONSUMED		110		110		150		260		180		110			
PRESSURES		THROTTLE													
		H.P. AHEAD													
		L.P. AHEAD													
		VACUUM													
		L.O. TO TURBINES													
		AUX. STEAM													
		BACK PRESSURE		9		9		9		9		9		9	
		GLAND STEAM													
		H.P. BLEEDER													
		L.P. BLEEDER													
TEMPERATURES		STEAM AT THROTTLE													
		L. P. EXHAUST													
		CONDENSATE													
		CIRC. WATER IN		64		64		64		64		64		64	
		CIRC. WATER OUT		70		70		70		70		70		70	
		L.O. TO COOLERS													
		L.O. FROM COOLERS													
		TEMPERATURE THRUST BEARING													
		FORWARD H.P. ROTOR BEARING													
		AFT. H.P. ROTOR BEARING													
TEMPERATURES		FORWARD L.P. ROTOR BEARING													
		AFT. L.P. ROTOR BEARING													
		HOTTEST GEAR BEARING FORWARD													
		HOTTEST GEAR BEARING AFT													
		AUX. COND. CONDENSATE		90		90		90		90		95		95	
		1ST STAGE FEED WATER HEATER													
		O. C. FEED WATER HEATER		235		235		235		234		235		235	
		3RD STAGE FEED WATER HEATER													
		SUPER HEAT													
		F.O. TO BURNERS		320		220		220		210		220		220	
PRESSURES		AIR TO FURNACE													
		F.O. TEMP. IN SETTLING TANKS		94		93									
		PORT BOILER UPTAKE													
		STBD. BOILER UPTAKE		265		270		270		285		280		281	
		F. O. BACK PRESSURE													
		MAIN STEAM													
		F.O. TO BURNERS		270		170		140		170		160		260	
		MAIN COND. SALINITY													
		ENGINE ROOM TEMPERATURE													
		FIRE ROOM TEMPERATURE													
TEMPERATURES		NOZZLES IN USE													
		NO. OF BURNERS IN USE		1		1		1		1		1		1	
		BURNER TIP SIZE		60		53		53		53		53		60	
		CO ₂ % PORT BOILER													
		CO ₂ % STBD. BOILER													
		OIL LEVEL MAIN SUMP													
		HOTTEST GEAR BEARING FORWARD													
		HOTTEST GEAR BEARING AFT													
		AUX. COND. CONDENSATE		90		90		90		90		95		95	
		1ST STAGE FEED WATER HEATER													
O. C. FEED WATER HEATER		235		235		235		234		235		235			
3RD STAGE FEED WATER HEATER															
SUPER HEAT															
F.O. TO BURNERS		320		220		220		210		220		220			
AIR TO FURNACE															
F.O. TEMP. IN SETTLING TANKS		94		93											
PORT BOILER UPTAKE															
STBD. BOILER UPTAKE		265		270		270		285		280		281			
F. O. BACK PRESSURE															
MAIN STEAM															
F.O. TO BURNERS		270		170		140		170		160		260			
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		53		53		53		53		60			
CO ₂ % PORT BOILER															
CO ₂ % STBD. BOILER															
OIL LEVEL MAIN SUMP															
HOTTEST GEAR BEARING FORWARD															
HOTTEST GEAR BEARING AFT															
AUX. COND. CONDENSATE		90		90		90		90		95		95			
1ST STAGE FEED WATER HEATER															
O. C. FEED WATER HEATER		235		235		235		234		235		235			
3RD STAGE FEED WATER HEATER															
SUPER HEAT															
F.O. TO BURNERS		320		220		220		210		220		220			
AIR TO FURNACE															
F.O. TEMP. IN SETTLING TANKS		94		93											
PORT BOILER UPTAKE															
STBD. BOILER UPTAKE		265		270		270		285		280		281			
F. O. BACK PRESSURE															
MAIN STEAM															
F.O. TO BURNERS		270		170		140		170		160		260			
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		53		53		53		53		60			
CO ₂ % PORT BOILER															
CO ₂ % STBD. BOILER															
OIL LEVEL MAIN SUMP															
HOTTEST GEAR BEARING FORWARD															
HOTTEST GEAR BEARING AFT															
AUX. COND. CONDENSATE		90		90		90		90		95		95			
1ST STAGE FEED WATER HEATER															
O. C. FEED WATER HEATER		235		235		235		234		235		235			
3RD STAGE FEED WATER HEATER															
SUPER HEAT															
F.O. TO BURNERS		320		220		220		210		220		220			
AIR TO FURNACE															
F.O. TEMP. IN SETTLING TANKS		94		93											
PORT BOILER UPTAKE															
STBD. BOILER UPTAKE		265		270		270		285		280		281			
F. O. BACK PRESSURE															
MAIN STEAM															
F.O. TO BURNERS		270		170		140		170		160		260			
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		53		53		53		53		60			
CO ₂ % PORT BOILER															
CO ₂ % STBD. BOILER															
OIL LEVEL MAIN SUMP															
HOTTEST GEAR BEARING FORWARD															
HOTTEST GEAR BEARING AFT															
AUX. COND. CONDENSATE		90		90		90		90		95		95			
1ST STAGE FEED WATER HEATER															
O. C. FEED WATER HEATER		235		235		235		234		235		235			
3RD STAGE FEED WATER HEATER															
SUPER HEAT															
F.O. TO BURNERS		320		220		220		210		220		220			
AIR TO FURNACE															
F.O. TEMP. IN SETTLING TANKS		94		93											
PORT BOILER UPTAKE															
STBD. BOILER UPTAKE		265		270		270		285		280		281			
F. O. BACK PRESSURE															
MAIN STEAM															
F.O. TO BURNERS		270		170		140		170		160		260			
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		53		53		53		53		60			
CO ₂ % PORT BOILER															
CO ₂ % STBD. BOILER															
OIL LEVEL MAIN SUMP															
HOTTEST GEAR BEARING FORWARD															
HOTTEST GEAR BEARING AFT															
AUX. COND. CONDENSATE		90		90		90		90		95		95			
1ST STAGE FEED WATER HEATER															
O. C. FEED WATER HEATER		235		235		235		234		235		235			
3RD STAGE FEED WATER HEATER															
SUPER HEAT															
F.O. TO BURNERS		320		220		220		210		220		220			
AIR TO FURNACE															
F.O. TEMP. IN SETTLING TANKS		94		93											
PORT BOILER UPTAKE															
STBD. BOILER UPTAKE		265		270		270		285		280		281			
F. O. BACK PRESSURE															
MAIN STEAM															
F.O. TO BURNERS		270		170		140		170		160		260			
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		53		53		53		53		60			
CO ₂ % PORT BOILER															
CO ₂ % STBD. BOILER															
OIL LEVEL MAIN SUMP															
HOTTEST GEAR BEARING FORWARD															
HOTTEST GEAR BEARING AFT															
AUX. COND. CONDENSATE		90		90		90		90		95		95			
1ST STAGE FEED WATER HEATER															
O. C. FEED WATER HEATER		235		235		235		234		235		235			
3RD STAGE FEED WATER HEATER															

REMARKS

1200-1600 WATCH

MACH. IN OPERATION, STBD BOILER, STBD M.N. P.D. PUMP, STBD. FORCE DRAFT BLOWER
STBD. F.O. SERVICE PUMP, #2 AUX. GEN ON D.C. ANN. CIRC. PUMP, AUX. COOL. PUMP,
FLUSHING WATER, PITOT BL. WATER, AIR, & A.C. PUMP FROM DOCK. BLEW TUBES IN #1 BOILER
FROM 1325 TO 1345 MADE INSPECTIONS OF ALL MACH. & SPACES

1600-2000 WATCH

Oiler Williams FWT Ramos

WATCH ENGR'S SIGNATURE

MACHINERY AS BEFORE. ROUTINE INSPECTION OF ALL
OPERATING MACHINERY & SPACES. CHANGED & CLEANED BURNER.

2000-2400 WATCH

Oiler Lewis FWT Duran

WATCH ENGR'S SIGNATURE

MACHINERY AS BEFORE. ROUTINE INSPECTION OF ALL
OPERATING MACHINERY & SPACES.

2400-0400 WATCH

Oiler Lewis FWT Duran

WATCH ENGR'S SIGNATURE

MACHINERY AS BEFORE - MADE ROUNDS & INSPECTIONS OF ALL
OPERATING MACHINERY & SPACES - CHANGED & CLEANED BURNERS -
COMPLIED WITH N.O. -

0400-0800 WATCH

Oiler Bradley - FWT Douglas

WATCH ENGR'S SIGNATURE

MACHINERY AS BEFORE - MADE ROUNDS & INSPECTIONS OF
ALL OPERATING MACHINERY & SPACES -

0800-1200 WATCH

Oiler Bradley - FWT Douglas

WATCH ENGR'S SIGNATURE

MACHINERY AS BEFORE - MADE ROUNDS &
INSPECTIONS OF ALL OPERATING MACHINERY & SPACES.
CLEANED & CHANGED F.O. BURNER.

CHIEF ENGINEER

Oiler Williams - FWT Ramos

WATCH ENGR'S SIGNATURE

#	BLRS. #	
	P.A.L.K.	
	T.A.L.K.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H. D.C.	
CHEMICALS ADDED		
	A.O.J.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
	F.S.	
	W.S.	

Fuel oil meter not recording properly due to
light flow thru meter, recording low consumption

CHIEF ENGR'S SIGNATURE

Otto L. Bach

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE							
GEN. LONG PORE				AT HUSTON POINT						11/6-2/69							
WATCH																	
<table><tr><td>1200 TO 1600</td><td>1600 TO 2000</td><td>2000 TO 2400</td><td>2400 TO 0400</td><td>0400 TO 0800</td><td>0800 TO 1200</td></tr></table>												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												
MACH. PARTICULARS (CONT'D)																	
TEMPERATURES (CONT'D)																	
PRESSURES (CONT'D)																	
MISCELLANEOUS																	
MACHINERY PARTICULARS																	
PRESSURES																	
TEMPERATURES																	
MISCELLANEOUS																	
GENERATORS																	
FUEL - WATER AND LUBE OIL																	
L.O. CENTRIFUGE - HOURS OPERATED																	
SUMMARY																	

REMARKS

1200-1600 WATCH

MACH. IN OPERATION, STBD Boiler, STBD M.V. Pd. Pump, STBD. Force draft blower
STBD. F.O. Service Pump, #2 Aux. gen on D.C. Aux. Circ. Pump, Aux. Cond. Pump.
Flushing water, Potable water, Air, & AC Power from dock. Blew tubes in #1 boiler
from 1335 to 1345. Made inspections of all Mach. & Spaces.

1600-2000 WATCH

Oiler Williams FWT Ramos

WATCH ENGR'S SIGNATURE

R.B. Thompson

MACHINERY AS BEFORE. ROUTINE INSPECTION OF ALL
OPERATING MACHINERY & SPACES. CHANGED & CLEANED BURNER.

2000-2400 WATCH

Oiler Lewis FWT Duran

WATCH ENGR'S SIGNATURE

J. Hurling

MACHINERY AS BEFORE. ROUTINE INSPECTION OF ALL
OPERATING MACHINERY & SPACES.

2400-0400 WATCH

Oiler Lewis FWT Duran

WATCH ENGR'S SIGNATURE

J. Hurling

MACHINERY AS BEFORE - made rounds & inspections of ALL
OPERATING MACHINERY & SPACES - CHANGED & CLEANED BURNERS -
Complied with M.O. -

0400-0800 WATCH

Oiler Bradley - FWT Douglas

WATCH ENGR'S SIGNATURE

Gildo Larami Jr.

MACHINERY AS BEFORE - made rounds & inspections of
all operating machinery & spaces -

0800-1200 WATCH

Oiler Bradley - FWT Douglas

WATCH ENGR'S SIGNATURE

Gildo Larami Jr.

MACHINERY AS BEFORE - made rounds &
inspections of all operating machinery & spaces.
Cleaned & changed F.O. Burner.

CHIEF ENGINEER

Oiler Williams - FWT Ramos

WATCH ENGR'S SIGNATURE

Gildo Larami Jr.

#	BLRS. #	
	P.A.L.K.	
	T.A.L.K.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H. D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
	F.S.	
	W.S.	

Fuel oil meter not recording properly due to
light flow thru meter, recording low consumption

CHIEF ENGR'S SIGNATURE

Otto L. Bach

REMARKS

1200-1600 WATCH

MACHINERY IN OPERATION. B-1, P-1, D-1, F-1, G-Y, AND
CIRC PUMP, AND COND PUMP. FLUSHING WATER, PITTING WATER, AIR &
AL. PUMP FROM DICK. ROUTINE INSPECTION OF ALL OPERATING
MACHINERY & SPACES.

Order William's FWT RAMOS.

1600-2000 WATCH

WATCH ENGR'S SIGNATURE-

MACHINERY AS BEFORE. ROUTINE INSPECTION OF ALL
OPERATING MACHINERY & SPACES. CHARGED & CLEANED BURNER.

Order MAQUILLANES FWT HENDON.

2000-2400 WATCH

WATCH ENGR'S SIGNATURE-

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

Order MAQUILLANES FWT HENDON.

2400-0400 WATCH

WATCH ENGR'S SIGNATURE-

MACHINERY AS BEFORE - BILGES AT SAFE LEVEL -
MADE ROUNDS & INSPECTIONS OF MACHINERY & SPACES.

Order: RAIGOZA - FWT: WALLACE

0400-0800 WATCH

WATCH ENGR'S SIGNATURE-

MACHINERY AS BEFORE - BILGES AT SAFE LEVEL -
MADE ROUNDS & INSPECTIONS OF OPERATING MACHINERY
& SPACES.

Order: RAIGOZA - FWT: WALLACE

0800-1200 WATCH

WATCH ENGR'S SIGNATURE-

MACHINERY AS BEFORE - BILGES AT SAFE LEVEL -
MADE ROUNDS & INSPECTIONS OF ALL OPERATING
MACHINERY & SPACES.

Order: William's - FWT: RAMOS

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE-

#	BLRS. #	
	P.A.L.K.	
	T.A.L.K.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H.T.C.	
CHIMNEYS ADDED		
	ADJ.	
	G.C.	
	A.N.C.	
STEAMING HOURS		
	F.S.	
	W.S.	

CHIEF ENGR'S SIGNATURE-

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
GEV. HOWE PIPE				1ST HUNTER POINT						11/2-3/49	

		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)		5788	5788	5788	5759	5759	5759								
F.O. CONSUMED		161	170	161	160	150	840								
PRESSURES	THROTTLE														
	H.P. AHEAD														
	L.P. AHEAD														
	VACUUM														
	L.O. TO TURBINES														
	AUX. STEAM	9	9	9	9	9	9								
	BACK PRESSURE														
	GLAND STEAM														
	H.P. BLEEDER														
	L.P. BLEEDER														
TEMPERATURES	STEAM AT THROTTLE														
	L. P. EXHAUST														
	CONDENSATE														
	CIRC. WATER IN	63	63	63	62	62	62								
	CIRC. WATER OUT	72	72	72	72	72	72								
	L.O. TO COOLERS														
	L.O. FROM COOLERS														
	TEMPERATURE THRUST BEARING														
	FORWARD H.P. ROTOR BEARING														
	AFT. H.P. ROTOR BEARING														
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															
INDICATED 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	FUEL OIL	WATER	LUBE OIL
1200 TO 1600	V	1200	440		7.5	126	112		68	750	750	240	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	
1600 TO 2000	V	1201	440		7.5	124	112		68	650	650	240	ON HAND AT START OF DAY	CONSUMED	
													EVAPORATED OR RECEIVED	ON HAND	
													ON HAND	RECEIVED	
													CONSUMED	CONSUMED	
2000 TO 2400	V	1200	440		7.5	126	112		68	650	650	240	ON HAND AT START OF DAY	ON HAND	
													EVAPORATED OR RECEIVED	RECEIVED	
													ON HAND	CONSUMED	
2400 TO 0400	V	1200	440		7.5	126	112		68	650	650	240	ON HAND AT START OF DAY	ON HAND	
													EVAPORATED OR RECEIVED	RECEIVED	
													ON HAND	CONSUMED	
0400 TO 0800	V	1200	440		7.5	126	113		64	800	800	240	ON HAND AT START OF DAY	ON HAND	
													EVAPORATED OR RECEIVED	RECEIVED	
													ON HAND	CONSUMED	
0800 TO 1200	L	1200	440		7.5	130	118		68	800	800	240	ON HAND AT START OF DAY	ON HAND	
													EVAPORATED OR RECEIVED	RECEIVED	
													ON HAND	CONSUMED	

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 MILLER, ASD MAIN FEED PUMP
*1 FORD DRAFT BLOWER, STBD I.O. SERVICE, #2 AUX. GEN. ON D.C. POWER,
HAT. CIRC. PUMP, P.W. COND. PUMP, FLOWING WATER, PITMAN WATER, AIR &
D.C. POWER FROM P.W. ROUTINE INSPECTION OF OPERATING MACHINERY
& SPACES. CHANGED & CLEANED BURNER. SECURED HEATING STEAM TO
UPPER DECK.

OILER WILLIAMS FWT RAMOS

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

MACHINERY AS BEFORE. CHANGED & CLEANED BURNER.
ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES

OILER MAGALLANES FWT HUNTER

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

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

OILER MAGALLANES FWT HUNTER

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

MACHY AS BEFORE. CHANGED BURNER. MADE ROUTINE INSPECTIONS OF MACHY
AND SPACES. CONDITIONS NORMAL.
BILGES AT SAFE LEVEL.

OILER - RAIGOZA FWT - WALLACE

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES AT
REGULAR INTERVALS. CONDITIONS NORMAL. BILGES AT SAFE LEVEL.

OILER - RAIGOZA FWT - WALLACE

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

MACHY AS BEFORE. Put Steam on #4 E.F.O. TANK @ 0800. MADE INSPECTIONS
of all MACHY & SPACES

OILER WILLIAMS FWT RAMOS

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

#1	BLRS. #	
876	P.A.K.	
1168	T.A.K.	
1242	CHL.	
35	PHOS.	
70	P.H. Cond.	
50	P.H. & G.W.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
	F.S.	
	W.S.	

CHIEF ENGR'S SIGNATURE-

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Gen John Pope				pt Hunted Point						11/24/69	

		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)		5759	5759	5760	5760	5760	5760								
F.O. CONSUMED		171	170	171	180	190	250								
PRESSURES	THROTTLE														
	H.P. AHEAD														
	L.P. AHEAD														
	VACUUM														
	L.O. TO TURBINES														
	AUX. STEAM														
	BACK PRESSURE	9	9	9	9	9	9								
	GLAND STEAM														
	H.P. BLEEDER														
	I.P. BLEEDER														
TEMPERATURES	L.P. BLEEDER														
	STEAM AT THROTTLE														
	L. P. EXHAUST														
	CONDENSATE														
	CIRC. WATER IN	62	62	62	62	62	62								
	CIRC. WATER OUT	72	72	72	72	72	72								
	L.O. TO COOLERS														
	L.O. FROM COOLERS														
	TEMPERATURE THRUST BEARING														
	FORWARD H.P. ROTOR BEARING														
MISCELLANEOUS	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	95	95	95	96	96	95								
	1ST STAGE FEED WATER HEATER														
	D. C. FEED WATER HEATER	230	230	235	230	230	235								
	3RD STAGE FEED WATER HEATER														
	SUPER HEAT														
TEMPERATURES	F.O. TO BURNERS	220	240	240	225	225	220								
	AIR TO FURNACE														
	F.O. TEMP. IN SETTLING TANKS														
	INBOARD	96	102	100	100	97	100								
	PORT BOILER UPTAKE														
	STBD. BOILER UPTAKE	350	375	375	365	365	365								
	F. O. BACK PRESSURE														
	MAIN STEAM														
	F.D. TO BURNERS	290	290	290	220	240	280								
	MAIN COND. SALINITY														
PRESSURES	ENGINE ROOM TEMPERATURE														
	FIRE ROOM TEMPERATURE														
	NOZZLES IN USE														
	NO. OF BURNERS IN USE														
	BURNER TIP SIZE	60	60	60	60	60	60								
	CO. 1 PORT BOILER														
	CO. 2 STBD. BOILER														
	OIL LEVEL MAIN SUMP														

WATCH		GENERATORS										FUEL - WATER AND LUBE OIL									
		GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL		BOILER WATER		LUBE OIL		DIESEL OIL	
1200 TO 1600	2	1200	440		7.5	124	112		68	850	850	240		METER AT NOON	ON HAND AT START OF DAY	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND
														METER PREVIOUS NOON	EVAPORATED OR RECEIVED	CONSUMED	CONSUMED	CONSUMED	CONSUMED	CONSUMED	
														CONSUMED BY METER	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														ON HAND AT START OF DAY	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														RECEIVED DURING DAY	ON HAND AT START OF DAY	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														EXPENDED DURING DAY	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														REMAINING ON BOARD	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
1600 TO 2000	2	1200	440		7.5	124	112		68	850	850	240		ON HAND AT START OF DAY	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														EVAPORATED OR RECEIVED	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														CONSUMED	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														DOMESTIC WATER	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														CONSUMED	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
2000 TO 2400	2	1200	440		7.5	124	112		68	850	850	240		ON HAND AT START OF DAY	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														EVAPORATED OR RECEIVED	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														CONSUMED	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														DOMESTIC WATER	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														CONSUMED	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
2400 TO 0400	2	1200	440		7.5	124	112		68	850	850	240		ON HAND AT START OF DAY	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														EVAPORATED OR RECEIVED	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														CONSUMED	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														DOMESTIC WATER	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														CONSUMED	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
0400 TO 0800	2	1200	440		7.5	124	112		68	850	850	240		ON HAND AT START OF DAY	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														EVAPORATED OR RECEIVED	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														CONSUMED	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														DOMESTIC WATER	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														CONSUMED	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
0800 TO 1200	2	1200	440		7.5	124	112		68	850	850	240		ON HAND AT START OF DAY	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														EVAPORATED OR RECEIVED	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														CONSUMED	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														DOMESTIC WATER	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	
														CONSUMED	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	ON HAND	

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. Mtr. Pd. Pump, STBD. Force draft
 Service, STBD. F.O. Service Pump, #2 Aux. gen. on D.C. Aux. Circ. Pump, Aux. Cond. Pump,
 Flushing water, Potable water, Air & A.C. Drive from dock. Blown tubes in STBD.
 Boiler from 1330 to 1345 MADE INSPECTIONS OF ALL MACHY & SPACES

OILER WILLIAMS FWT. RAMOS

1600-2000 WATCH

WATCH ENGR'S SIGNATURE-

MACHINERY AS BEFORE. ROUTINE INSPECTION OF ALL OPERATING
 MACHINERY & SPACES. CHANGED & CLEANED BURNER

OILER MAGALLANEI

FWT. HANSEN

2000-2400 WATCH

WATCH ENGR'S SIGNATURE-

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

OILER MAGALLANEI

FWT. HANSEN

2400-0400 WATCH

WATCH ENGR'S SIGNATURE-

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF OPERATING MACHINERY
 AND SPACES. CHANGED & CLEANED F.O. BURNERS.

BILGES AT SAFE LEVEL

OILER - RAIGOZA

FWT - WALLACE

0400-0800 WATCH

WATCH ENGR'S SIGNATURE-

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF OPERATING MACHINERY
 AND SPACES. CONDITIONS NORMAL. BILGES O.K.

OILER - RAIGOZA

FWT - WALLACE

0800-1200 WATCH

WATCH ENGR'S SIGNATURE-

MACHY AS BEFORE. TRANS SETTLES CO80 & TRANS FUEL OIL FROM 746 to
 1150 and Settles finished 0900. Secured lines in STBD. Boiler & gave Jamie
 five flush bottom blows. MADE INSPECTIONS OF ALL MACHY & SPACES LEVIES ENG. UTILITY
 Standing watch for Oiler WALLACE

CHIEF ENGINEER

OILER LEVIES

FWT. DOUGLAS

WATCH ENGR'S SIGNATURE-

5.54	BLRS. #	
8.76	PALK.	
12.84	TALK.	
31	CHL.	
35	PHOS.	
7.0	P.H. Cond.	
	P.H. D.C.	
CHEMICALS ADDED		
2g	ADJ.	
6g	G.C.	
16g	A.R.C.	
STEAMING HOURS		
456	F.S.	
456	W.S.	

CHIEF ENGR'S SIGNATURE-

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Can John Piper				St Hunter's Point						11/4/5/69	

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	
MACHINERY PARTICULARS 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						
TEMPERATURES 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							TEMPERATURES 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						
TEMPERATURES 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							TEMPERATURES 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						

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	
1200 TO 1600	2	1200	440		7.5	126	112		68	738	750	440				12,595								
1600 TO 2000	2	1200	440		7.5	126	115		68	750	750	240												
2000 TO 2400	2	1200	440		7.5	126	115		68	750	750	240												
2400 TO 0400	2	1200	440		7.5	126	114		68	650	650	240												
0400 TO 0800	2	1200	440		7.5	126	114		68	800	800	240												
0800 TO 1200	1	1200	440		9	130	100		44	750	750	240												

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 Mx Pd. Pump, Stbd Force Draft
Blower, Stbd F.O. Service Pump, #2 Aux. gen. on D.C. Aux. Elec. Pump, Aux. Cond. Pump,
Flushing water, Potable water, Air & AC Power from dock. Blew tubes in Stbd.
Boiler from 1330 to 1345 made inspections of all Machy & Spaces

1600-2000 WATCH

OILER LEVINS FWT Douglas

WATCH ENGR'S SIGNATURE-

R.B. Thompson

MACHINERY AS BEFORE. Stbd boiler on ^{compound} ~~simple~~ blow.
ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES.
CHANGED & CLEANED BURNER

2000-2400 WATCH

OILER MAGALLANE FWT SIMONSON

WATCH ENGR'S SIGNATURE-

J.F. Whaley

MACHINERY AS BEFORE. Bilges at a safe level.
ROUTINE INSPECTION OF ALL OPERATING MACHINERY &
SPACES.

2400-0400 WATCH

OILER MAGALLANE FWT SIMONSON

WATCH ENGR'S SIGNATURE-

J.F. Whaley

MACHINERY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES.
CLEANED & CHANGED F.O. BURNER.
BILGES AT SAFE LEVEL.

0400-0800 WATCH

OILER - RAIGOZA

FWT - WALLACE

WATCH ENGR'S SIGNATURE-

C. Spector R/E

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES.
CONDITIONS NORMAL. BILGES PUMPED

0800-1200 WATCH

OILER - RAIGOZA

FWT - WALLACE

WATCH ENGR'S SIGNATURE-

C. Spector R/E

MACHY AS BEFORE EXCEPT AS NOTED. Let off Port boiler @ 0730 - started #1 Aux.
gen @ 0900. Put load on same @ 1030 & secured #2 Aux. gen. made inspections of
all Machy & Spaces.

CHIEF ENGINEER

OILER BRADLEY FWT Douglas

WATCH ENGR'S SIGNATURE-

R.B. Thompson

#	BLRS. #	
8.76	P.A.L.K.	
11.68	T.A.L.K.	
12.43	CHL.	
30	PHOS.	
70	P.H. Cond.	
50	P.H. D.G. al	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
480	F.S.	
480	W.S.	

CHIEF ENGR'S SIGNATURE-

Otto L. Banks

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
Gen John Pope				at Hunter's Point						11/5/6/69			
		WATCH						WATCH					
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800			
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800			
RUNNING TIME													
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)													
TOTAL REVOLUTIONS (FOR WATCH)													
AVERAGE RPM		9095		9095		9096		9096		9094			
F.O. METER (END OF WATCH)		960		950		190		440		680			
F.O. CONSUMED		810		190		240		250		210			
MACHINERY PARTICULARS		PRESSURES						TEMPERATURES					
THROTTLE													
H.P. AHEAD													
L.P. AHEAD													
VACUUM													
L.O. TO TURBINES													
AUX. STEAM													
BACK PRESSURE		9											
GLAND STEAM													
H.P. BLEEDER													
I.P. BLEEDER													
L.P. BLEEDER													
STEAM AT THROTTLE													
L. P. EXHAUST													
CONDENSATE													
CIRC. WATER IN		63						63					
CIRC. WATER OUT		72						70					
L.O. TO COOLERS		115											
L.O. FROM COOLERS		95											
TEMPERATURE THRUST BEARING													
FORWARD H.P. ROTOR BEARING													
AFT. H.P. ROTOR BEARING													
FORWARD L.P. ROTOR BEARING													
AFT. L.P. ROTOR BEARING													
MACHINERY PARTICULARS (CONT'D)		PRESSURES						TEMPERATURES					
HOTTEST GEAR BEARING FORWARD													
HOTTEST GEAR BEARING AFT													
AUX. COND. CONDENSATE		95						95					
1ST STAGE FEED WATER HEATER		235						235					
D. C. FEED WATER HEATER		235						235					
3RD STAGE FEED WATER HEATER													
SUPER HEAT													
F.O. TO BURNERS		220						225					
AIR TO FURNACE		125						125					
F.O. TEMP. IN SETTLING TANKS		100						94					
PORT BOILER UPTAKE		280						280					
STBD. BOILER UPTAKE													
F. O. BACK PRESSURE													
MAIN STEAM													
F.O. TO BURNERS		300						250					
MAIN COND. SALINITY													
ENGINE ROOM TEMPERATURE													
FIRE ROOM TEMPERATURE													
NOZZLES IN USE													
NO. OF BURNERS IN USE		1						1					
BURNER TIP SIZE		60						60					
CO. % PORT BOILER													
CO. % STBD. BOILER													
OIL LEVEL MAIN SUMP													
MISCELLANEOUS													
GENERATORS													
WATCH													
GENERATOR NUMBER													
R.P.M.													
STEAM PRESSURE													
STEAM TEMP.													
L.O. PRESSURE													
L.O. TO COOLER													
L.O. FROM COOLER													
TEMP. OF HOTTEST BEARING													
L.O. GOVERNOR PRESSURE													
AMPS POSITIVE													
AMPS NEGATIVE													
VOLTS													
1200 TO 1600		1						1250					
1600 TO 2000		1						1250					
2000 TO 2400		1						1250					
2400 TO 0400		1						1250					
0400 TO 0800		1						1250					
0800 TO 1200		1						1250					
FUEL - WATER AND LUBE OIL													
METER AT NOON													
METER PREVIOUS NOON													
CONSUMED BY METER													
ON HAND AT START OF DAY		12,560						12,560					
RECEIVED DURING DAY		-						-					
EXPENDED DURING DAY		34						34					
REMAINING ON BOARD		12,526						12,526					
ON HAND AT START OF DAY													
EVAPORATED OR RECEIVED													
ON HAND													
CONSUMED													
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

Machy in operation, put Port boiler on line @ 1200 Secured Stbd boiler @ 1300, Port Air fl. pump, Port Force draft blower, Port F.O. Service Pump, #1 Aux. gen on line, Aux. Circ. pump, Aux. Cond. Pump, Flushing water, Able water & Air from dock. Made inspections of all Machy & Spaces.

1600-2000 WATCH

OILER BRADLEY FWT DOUGLAS.

WATCH ENGR'S SIGNATURE.

MACHINERY AS BEFORE. ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES.

2000-2400 WATCH

OILER MAGALLANES FWT JOHNSON

WATCH ENGR'S SIGNATURE.

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

2400-0400 WATCH

OILER MAGALLANES FWT JOHNSON

WATCH ENGR'S SIGNATURE.

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES AT REGULAR INTERVALS. STEAM ON INBD & OUTBD SETTLERS @ 2330 VENTED STBD BOILER @ 0100. SECURED STEAM TO SETTLERS @ 0300. BILGES O.K.

0400-0800 WATCH

OILER - RAIGOZA

FWT - WALLACE

WATCH ENGR'S SIGNATURE.

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES AT REGULAR INTERVALS. CONDITIONS NORMAL. PUMPED BILGES.

0800-1200 WATCH

OILER - RAIGOZA

FWT - WALLACE

WATCH ENGR'S SIGNATURE.

MACHY AS BEFORE. MADE INSPECTIONS OF ALL MACHY & SPACES.

CHIEF ENGINEER

OILER BRADLEY FWT DOUGLAS.

WATCH ENGR'S SIGNATURE.

#	BLRS. #	
701	P.A.K.	
934	T.A.K.	
1243	CHL.	
20	PHOS.	
70	P.H. COND.	
42	P.H. T.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
504	F.S.	
004	W.S.	

CHIEF ENGR'S SIGNATURE.

Otto L. Bantz

[illegible]

REMARKS

1200-1600 WATCH

MACHY in Operation Port Bulke, Port Mv. P.D. Pump, Port Force draft Sforica Port L.D. Service Pump, #1 Aux. Gen. Aux. Circ. Pump, Aux. Cond. Pump, Flushing water, Potable water, Air from dock. Made inspections of all MACHY & Spaces.

1600-2000 WATCH

OILER Bradley

FWT Douglas

WATCH ENGR'S SIGNATURE-

R. S. Thompson

MACHINERY AS BEFORE. PUT ALL THROTTLE DRAINS TO ATMOS DRAIN TIS. L.P. 195° & ~~195°~~ 195°. ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES. CLEARED & CHARGED BURNER.

2000-2400 WATCH

OILER Williams

FWT RAMOS

WATCH ENGR'S SIGNATURE-

J. J. Hurliga

MACHINERY AS BEFORE. BILGES AT A SAFE LEVEL. ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES. STOP BILGE FILLING UP PUMPS TO BILGE.

2400-0400 WATCH

OILER Williams

FWT RAMOS

WATCH ENGR'S SIGNATURE-

J. J. Hurliga

MACHY AS BEFORE. CLOSED THROTTLE DRAINS TO ATMOS. DRAIN TANK. MADE ROUTINE INSPECTIONS OF MACHY AND SPACES AT FREQUENT INTERVALS. CONDITIONS NORMAL. BILGES AT SAFE LEVEL. CHARGED & CLEARED FID BURNER.

0400-0800 WATCH

OILER - LEBIOS

FWT - DURAN

WATCH ENGR'S SIGNATURE-

C. J. Spector R/E

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES. CONDITIONS SATISFACTORY. BILGES AT SAFE LEVELS.

0800-1200 WATCH

OILER - LEBIOS

FWT - DURAN

WATCH ENGR'S SIGNATURE-

C. J. Spector R/E

MACHY AS BEFORE. MADE INSPECTIONS OF ALL MACHY & SPACES.

CHIEF ENGINEER

OILER Bradley

FWT Douglas

WATCH ENGR'S SIGNATURE-

R. S. Thompson

#	BLRS. #	
	P.A.L.K.	
	T.A.L.K.	
	CHL.	
	PHOS.	
	P.H. Conc.	
	P.H.-D.C.	
CHEMICALS ADDED		
60	ADJ.	
2 P/L	G.C.	
2 P/L	A.R.C.	
STEAMING HOURS		
24	F.S.	
24	W.S.	

CHIEF ENGR'S SIGNATURE-

Otto L. Bantz

[illegible]

REMARKS

1200-1600 WATCH

Machy in Operation Port Bulker, Port Mx. Pd. Pump, Port Force draft Blower
 Port F.O. Service Pump, #1 Aux. gen on D.C. Aux. Circ. Pump, Aux. Cond. Pump, Flushing
 water, Potable water, D.C. & A.C. Power from dock. Changed over F.O. Settlers @ 1200
 Made inspections of all Machy & Spaces. Took oil from #4 & 1 F.O. Settler

1600-2000 WATCH

Oiler Bradley FWT Douglas

WATCH ENGR'S SIGNATURE-

MACHINERY AS BEFORE. BURNERS NOT SET RIGHT
 Oil Leaking from window drain port boiler. Routine inspection
 of all operating machinery & spaces.

2000-2400 WATCH

Oiler William J FWT Ramos

WATCH ENGR'S SIGNATURE-

MACHINERY AS BEFORE. BILGES AT SAFE LEVEL.
 Routine inspection of all operating machinery & spaces.
 Had to leave watch to secure water on whig line
 leaking. Water should be secured tightly. (Sanitary)

2400-0400 WATCH

Oiler William J FWT Ramos

WATCH ENGR'S SIGNATURE-

MACHINERY AS BEFORE. CHANGED ^{CRS} F.O. & CLEANED F.O. BURNER.

MADE ROUTINE INSPECTIONS OF OPERATING MACHY & SPACES. CONDITIONS
 NORMAL. STEAM ON BOTH SETTLERS @ 2330. BILGES O.K.

0400-0800 WATCH

OILER - MAGALLANES FWT - JOHNSON

WATCH ENGR'S SIGNATURE-

MACHY AS BEFORE. CLEANED & CHANGED F.O. DISCH. STRAINER. MADE ROUTINE
 INSPECTION OF MACHY & SPACES. CONDITIONS NORMAL. STEAM OFF SETTLERS @ 0300
 BILGES AT SAFE LEVEL

0800-1200 WATCH

OILER - MAGALLANES FWT - JOHNSON

WATCH ENGR'S SIGNATURE-

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES.
 CONDITIONS SATISFACTORY. BILGES AT SAFE LEVEL. CHANGED &
 CLEANED F.O. BURNER

CHIEF ENGINEER

OILER - BRADLEY

FWT - DOUGLAS

WATCH ENGR'S SIGNATURE-

7	BLRS. #	
5.76	P.A.K.	
7.76	T.A.K.	
4.89	CHL.	
20	PHOS.	
7.0	P.H. Cond.	
30	P.H. D.C.	
CHEMICALS ADDED		
7.0	ADJ.	
1.07	G.C.	
1.07	A.R.C.	
STEAMING HOURS		
48	F.S.	
48		

CHIEF ENGR'S SIGNATURE-

Otto L. Bark

A-35544

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
EEN. JOHN POPE				AT		HUNTERS POINT		SAN FRANCISCO		11-8/9-69	

		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)		9099	9099	9099	9099	9100	9100								
F.O. CONSUMED		350	330	320	280	210	430								
F.O. CONSUMED		170	180	190	260	230	220								
PRESSURES	THROTTLE														
	H.P. AHEAD														
	L.P. AHEAD														
	VACUUM														
	L.O. TO TURBINES														
	AUX. STEAM														
	BACK PRESSURE	8½	9	8½	8.5	9	8.5								
	GLAND STEAM														
	H.P. BLEEDER														
	L.P. BLEEDER														
TEMPERATURES	STEAM AT THROTTLE														
	L. P. EXHAUST														
	CONDENSATE														
	CIRC. WATER IN	62	62	62	62	62	62								
	CIRC. WATER OUT	70	72	72	72	71	72								
	L.O. TO COOLERS														
	L.O. FROM COOLERS														
	TEMPERATURE THRUST BEARING														
	FORWARD H.P. ROTOR BEARING														
	AFT. H.P. ROTOR BEARING														
MISCELLANEOUS	FORWARD L.P. ROTOR BEARING														
	AFT. L.P. ROTOR BEARING														
	MAIN COND. SALINITY														
	ENGINE ROOM TEMPERATURE														
	FIRE ROOM TEMPERATURE														
	NOZZLES IN USE														
	NO. OF BURNERS IN USE	P	1	1	1	1	1								
	BURNER TIP SIZE	S	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	FUEL OIL		BOILER WATER		LUBE OIL		DIESEL OIL			
1200 TO 1600	1	1200	440		9	115	95		62	650	650	240		METER AT NOON		ON HAND AT START OF DAY		EVAPORATED OR RECEIVED		CONSUMED BY METER		ON HAND	
														ON HAND AT START OF DAY	12,462	CONSUMED		RECEIVED DURING DAY	- 0 -	ON HAND AT START OF DAY		EXPENDED DURING DAY	30
1600 TO 2000	1	1200	440		9	115	95		64	600	600	240		REMAINING ON BOARD	12,432	ON HAND		ON HAND		ON HAND		ON HAND	
														ON HAND AT START OF DAY		CONSUMED		ON HAND		ON HAND		ON HAND	
2000 TO 2400	1	1200	440		9	115	95		64	600	600	240		DOMESTIC WATER		ON HAND		ON HAND		ON HAND		ON HAND	
														EVAPORATED OR RECEIVED		CONSUMED		ON HAND		ON HAND		ON HAND	
2400 TO 0400	1	1200	440		9	116	96		63	600	600	240		ON HAND		ON HAND		ON HAND		ON HAND		ON HAND	
														CONSUMED		CONSUMED		ON HAND		ON HAND		ON HAND	
0400 TO 0800	1	1200	440		9	115	95		64	800	800	240		LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)									
0800 TO 1200	1	1200	440		9	116	95		64	750	750	240		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

SHIP MOORED STBD. SIDE, PIER #2, HUNTERS POINT N.S.Y., SAN FRANCISCO, CALIF.
 MACH'Y IN OPER. AS FOLLOWS: PORT BOILER, PORT MAIN FEED PUMP, PORT FORCED DRAFT BLOWER, PORT
 F.O. SERV. PUMP, #1 AUX. GEN ON D.C., AUX. CIRC., AUX. COND. PUMP, FLUSHING WATER, POTABLE WATER, AIR
 AND A.C. POWER FROM DOCK. INSPECTED MACH'Y & SPACES. BILGES AT SAFE LEVEL.
 COMPLIED WITH N/S ORDERS.

OILER-BRADLEY F/WT.-DOUGLAS

1600-2000 WATCH

WATCH ENGR'S SIGNATURE-

PORT WATCH. MACH'Y AS BEFORE. INSPECTED MACH'Y & SPACES.
 BILGES AT SAFE LEVEL. COMPLIED WITH N/S ORDERS.

OILER-WILLIAMS F/WT-RAMOS

2000-2400 WATCH

WATCH ENGR'S SIGNATURE-

PORT WATCH. MACH'Y AS BEFORE. INSPECTED MACH'Y & SPACES.
 BILGES AT SAFE LEVEL. COMPLIED WITH N/S ORDERS.

OILER-WILLIAMS F/WT-RAMOS

2400-0400 WATCH

WATCH ENGR'S SIGNATURE-

ROUTINE PORT WATCH. MACHINERY AS BEFORE. MADE FREQUENT INSPECTIONS
 OF OPERATING MACH'Y AND SPACES. CONDITIONS NORMAL. CHANGED AND
 CLEANED F.O. BURNER. BILGES O.K.

OILER MAGALLANES FWT-JOHNSON

0400-0800 WATCH

WATCH ENGR'S SIGNATURE-

MACH'Y AS BEFORE. MADE ROUTINE INSPECTIONS OF MACH'Y & SPACES AT
 REGULAR INTERVALS. CONDITIONS NORMAL.
 BILGES AT SAFE LEVEL.

OILER MAGALLANES FWT. JOHNSON

0800-1200 WATCH

WATCH ENGR'S SIGNATURE-

MACH'Y AS BEFORE. ROUTINE PORT WATCH. MADE INSPECTIONS OF MACH'Y &
 SPACES AT REGULAR INTERVALS. CONDITIONS SATISFACTORY.
 BILGES AT SAFE LEVEL. CHANGED AND CLEANED F.O. BURNER.

OILER-RAMGOLA

CHIEF ENGINEER

FWT-WALLACE

WATCH ENGR'S SIGNATURE-

✓	BLRS. #	
—	P.A.K.	
—	T.A.K.	
—	CHL.	
—	PHOS.	
—	P.H. Cond.	
—	P.H. D.C.	
CHEMICALS ADDED		
—	ADJ.	
—	G.C.	
—	A.R.C.	
STEAMING HOURS		
—	F.S.	

CHIEF ENGR'S SIGNATURE-

USNS		VOYAGE NO.		FROM		TYPE OF VESSEL		DATE	
GEN. JOHN POPE				AT: HUNTERS POINT, SAN FRANCISCO				11-9/10-69	
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									
D. C. FEED WATER HEATER									
3RD STAGE FEED WATER HEATER									
SUPER HEAT									
F.O. TO BURNERS									
AIR TO FURNACE									
F.D. 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									
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									
RECEIVED									
ON HAND									
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/M									
WIND DIRECTION									
STATE OF SEA									
STATE OF WEATHER									

REMARKS

1200-1600 WATCH

SHIP MOORED STBD. SIDE AT PIER 2, HUNTERS POINT N.S.Y., SAN FRANCISCO, CALIF.
MACH'Y. IN OPER. AS FOLLOWS: PORT BOILER, PORT MAIN FEED PUMP, PORT FORCED DRAFT BLOWER,
PORT F.O. SERV. PUMP, *AUX GEN. ON D.C., AUX CIRC., AUX. COND. PUMP, - FLUSHING WATER,
POTABLE WATER, AIR & A.C. POWER FROM DOCK. INSPECTED MACH'Y & SPACES. BILGES AT
SAFE LEVEL. COMPLIED WITH N/S ORDERS.

OILER - RAIGOSA F/W - WALLACE

WATCH ENGR'S SIGNATURE -

1600-2000 WATCH

MACH'Y. AS BEFORE. INSPECTED MACH'Y & SPACES. BILGES AT SAFE
LEVEL. COMPLIED WITH N/S ORDERS.

OILER - BRADLEY F/W - RAMOS

WATCH ENGR'S SIGNATURE -

2000-2400 WATCH

MACH'Y. AS BEFORE. INSPECTED MACH'Y & SPACES. BILGES AT SAFE
LEVEL. CHANGED F.O. BURNER AT 2100. COMPLIED WITH N/S ORDERS.

OILER - BRADLEY F/W - RAMOS

WATCH ENGR'S SIGNATURE -

2400-0400 WATCH

MACHINERY AS BEFORE. CHANGED & CLEANED F.O. BURNER. MADE
ROUTINE INSPECTIONS OF MACHINERY & SPACES AT REGULAR INTERVALS.
CONDITIONS NORMAL. BILGES AT SAFE LEVEL. STEAM ON BOTH SETTLERS @ 2300.

OILER - MAGALLANES F/W - JOHNSON

WATCH ENGR'S SIGNATURE -

0400-0800 WATCH

MACHINERY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACH'Y & SPACES AT
REGULAR INTERVALS. CONDITIONS SATISFACTORY. STEAM OFF SETTLERS @ 0200.
BILGES AT SAFE LEVEL.

OILER - MAGALLANES F/W - JOHNSON

WATCH ENGR'S SIGNATURE -

0800-1200 WATCH

MACH'Y AS BEFORE. MADE INSPECTIONS OF ALL MACH'Y & SPACES

CHIEF ENGINEER

OILER RAIGOSA F/W WALLACE

WATCH ENGR'S SIGNATURE -

#	BLRS. #	
	P.A.K.	
	T.A.K.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H.-D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
	F.S.	

CHIEF ENGR'S SIGNATURE -

REMARKS

1200-1600 WATCH

SHIP MOORED STBD. SIDE AT PIER 2, HUNTERS POINT N.S.Y., SAN FRANCISCO, CALIF.
MACH'Y. IN OPER. AS FOLLOWS: PORT BOILER, PORT MAIN FEED PUMP, PORT FORCED DRAFT BLOWER,
PORT F.O. SERV. PUMP, *AUX GEN. ON D.C., AUX CIRC., AUX. COND. PUMP, - FLUSHING WATER,
POTABLE WATER, AIR & A.C. POWER FROM DOCK. INSPECTED MACH'Y & SPACES. BILGES AT
SAFE LEVEL. COMPLIED WITH N/S ORDERS.

OILER - RAIGOR F/WT - WALLACE

1600-2000 WATCH

WATCH ENGR'S SIGNATURE.

MACH'Y. AS BEFORE. INSPECTED MACH'Y & SPACES. BILGES AT SAFE
LEVEL. COMPLIED WITH N/S ORDERS.

OILER - BRADLEY F/WT - RAMOS

2000-2400 WATCH

WATCH ENGR'S SIGNATURE.

MACH'Y. AS BEFORE. INSPECTED MACH'Y & SPACES. BILGES AT SAFE
LEVEL. CHANGED F.O. BURNER AT 2100. COMPLIED WITH N/S ORDERS.

OILER - BRADLEY F/WT - RAMOS

2400-0400 WATCH

WATCH ENGR'S SIGNATURE.

MACHINERY AS BEFORE. CHANGED & CLEANED F.O. BURNER. MADE
ROUTINE INSPECTIONS OF MACHINERY & SPACES AT REGULAR INTERVALS
CONDITIONS NORMAL. BILGES AT SAFE LEVEL. STEAM ON BOTH SETTLERS @ 2300.

OILER - MAGALLANES F/WT - JOHNSON

0400-0800 WATCH

WATCH ENGR'S SIGNATURE.

MACHINERY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACH'Y & SPACES AT
REGULAR INTERVALS. CONDITIONS SATISFACTORY. STEAM OFF SETTLERS @ 0200.
BILGES AT SAFE LEVEL.

OILER - MAGALLANES F/WT - JOHNSON

0800-1200 WATCH

WATCH ENGR'S SIGNATURE.

MACH'Y AS BEFORE. MADE INSPECTIONS OF ALL MACH'Y & SPACES.

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE.

OILER RAIGOR F/WT WALLACE

✓	BLRS. #	
—	P.A.K.	
—	T.A.K.	
—	CHL.	
—	PHOS.	
—	P.H. Cond.	
—	P.H.-D.C.	
CHEMICALS ADDED		
—	ADJ.	
—	G.C.	
—	A.R.C.	
STEAMING HOURS		
—	F.S.	

CHIEF ENGR'S SIGNATURE.

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Ben John Pope				at Hunter's Point.						11/10/11/69	
WATCH											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
MACH. PARTICULARS (CONT'D)											
HOTTTEST GEAR BEARING FORWARD											
HOTTTEST 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. % PORT BOILER											
CO. % STBD. BOILER											
OIL LEVEL MAIN SUMP											
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 - WATER AND LUBE OIL											
METER AT NOON											
METER PREVIOUS NOON											
CONSUMED BY METER											
ON HAND AT START OF DAY											
RECEIVED DURING DAY											
EXPENDED DURING DAY											
REMAINING ON BOARD											
ON HAND AT START OF DAY											
EVAPORATED OR RECEIVED											
ON HAND											
CONSUMED											
ON HAND AT START OF DAY											
RECEIVED											
ON HAND											
CONSUMED											
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

Machy in operation, Port Boiler, Port Mu. Ed. Pump, Port Force draft blower
Port F.O. Service Pump, #1 Aux. gen. on D.C. Aux. Circ. Pump, Aux. Cond. Pump, Air
Flushing system, Potable water & A.C. Power from deck. Steam tubes on #2 boiler from
1330 to 1345. Made inspections of all Machy & Spaces

1600-2000 WATCH

OILER LAURENCE FWT WALLACE

WATCH ENGR'S SIGNATURE-

[Signature]

MACHINERY AS BEFORE. ROUTINE INSPECTION OF ALL
OPERATING MACHINERY & SPACES. CHANGED & CLEANED BURNER

2000-2400 WATCH

OILER WILLIAMS

FWT RAMOS

WATCH ENGR'S SIGNATURE-

[Signature]

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

2400-0400 WATCH

OILER WILLIAMS

FWT RAMOS

WATCH ENGR'S SIGNATURE-

[Signature]

MACHINERY IN OPERATION AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY
AND SPACES. CONDITIONS SATISFACTORY. CHANGED & CLEANED F.O. STRAINER
AND BURNER. BILGES O.K. STEAM ON SETTLERS @ 0030.

0400-0800 WATCH

OILER-MAGALLANES

FWT. JOHNSON

WATCH ENGR'S SIGNATURE-

[Signature]

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES.
CONDITIONS SATISFACTORY. STEAM OFF SETTLERS @ 0300.
BILGES AT SAFE LEVEL.

0800-1200 WATCH

OILER-MAGALLANES

FWT-JOHNSON

WATCH ENGR'S SIGNATURE-

[Signature]

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES.
CONDITIONS SATISFACTORY. BILGES O.K. CHANGED & CLEANED F.O. BURNER.

CHIEF ENGINEER

OILER-RAILGEB

FWT-WALLACE

WATCH ENGR'S SIGNATURE-

[Signature]

BLRS. #2	
P.A.L.K. 8.18	
T.A.L.K. 11.10	
CHL. 9.34	
PHOS. 140	
P.H. Conc 70	
P.H. D.C. 30	
CHEMICALS ADDED	
ADJ.	
G.C.	
A.R.C.	
STEAMING HOURS	
F.S.	
W.S.	

CHIEF ENGR'S SIGNATURE-

[Signature]

USNS		VOYAGE NO.		FAVORITE		TO		TYPE OF VESSEL		DATE			
GEN. JOHN PARR.				AT HONOLULU POINT						11/11-12/69			
WATCH							WATCH						
1200 TO 1600							1200 TO 1600						
1600 TO 2000							1600 TO 2000						
2000 TO 2400							2000 TO 2400						
2400 TO 0400							2400 TO 0400						
0400 TO 0800							0400 TO 0800						
0800 TO 1200							0800 TO 1200						
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							SUPER HEAT						
THROTTLE							F.O. TO BURNERS						
H.P. AHEAD							AIR TO FURNACE						
L.P. AHEAD							INCHES						
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.O. TO BURNERS						
I.P. BLEEDER							MAIN COND. SALINITY						
L.P. BLEEDER							ENGINE ROOM TEMPERATURE						
STEAM AT THROTTLE							FIRE ROOM TEMPERATURE						
L. P. EXHAUST							NOZZLES IN USE						
CONDENSATE							NO. OF BURNERS IN USE						
CIRC. WATER IN							BURNER TIP SIZE						
CIRC. WATER OUT							CO ₂ % PORT BOILER						
L.O. TO COOLERS							CO ₂ % STBD. BOILER						
L.O. FROM COOLERS							OIL LEVEL MAIN SUMP						
TEMPERATURE THRUST BEARING													
FORWARD H.P. ROTOR BEARING													
AFT. H.P. ROTOR BEARING													
FORWARD L.P. ROTOR BEARING													
AFT. L.P. ROTOR BEARING													
GENERATORS							FUEL - WATER AND LUBE OIL						
WATCH							METER AT NOON						
GENERATOR NUMBER							METER PREVIOUS NOON						
R.P.M.							CONSUMED BY METER						
STEAM PRESSURE							ON HAND AT START OF DAY						
STEAM TEMP.							EVAPORATED OR RECEIVED						
L.O. PRESSURE							ON HAND						
L.O. TO COOLER							CONSUMED						
L.O. FROM COOLER							RECEIVED DURING DAY						
TEMP. OF HOTTEST BEARING							EXPENDED DURING DAY						
L.O. GOVERNOR PRESSURE							REMAINING ON BOARD						
AMPS POSITIVE							ON HAND AT START OF DAY						
AMPS NEGATIVE							EVAPORATED OR RECEIVED						
VOLTS							ON HAND						
1200 TO 1600							DOMESTIC WATER						
1600 TO 2000							ON HAND						
2000 TO 2400							RECEIVED						
2400 TO 0400							CONSUMED						
0400 TO 0800							LOW PRESS. EVAPORATORS (No. of hrs. operated)/(Fresh water made gals.)						
0800 TO 1200							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						
							WIND DIRECTION						
							STATE OF SEA						
							STATE OF WEATHER						
							TOTAL MILES BY ENGINE						
							TOTAL MILES BY OBSERVATION						

REMARKS

1200-1600 WATCH

MACHINERY IN OPERATION - PORT BOLLER, PORT M.D. PUMP, PORT FORCED DRAFT BLIND, PORT FUEL OIL SERVICE, #1 FUEL OIL M.O.C., AIR CIL, AIR COND PUMP, AIR, FLUSHING WATER, P.T. WATER & A.C. FAN DOWN. PLANT NORMAL, ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES.

OILER RAIGIZA

F/W T WALLACE

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

MACHINERY AS BEFORE. ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES. CHANGED & CLEANED F.O. STRAINER & BURNER.

OILER BRADLEY

F/W T DOUGLAS

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

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

OILER BRADLEY

F/W T DOUGLAS

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

MACHINERY AS BEFORE. MADE ROUTINE INSPECTIONS OF OPERATING MACHINERY AND SPACES. CHANGED F.O. SUCTION FROM INBD TO OUTBD SETTLER @ 0030. CHANGED AND CLEANED F.O. STRAINER AND BURNER. BILGES AT SAFE LEVEL.

OILER - MAGALLANES

F/W T JOHNSON

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY AND SPACES AT FREQUENT INTERVALS. CONDITIONS NORMAL. BILGES O.K.

OILER - MAGALLANES

F/W T JOHNSON

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

Machy as before - Put Stan on #4 F.O. tank @ 0730 - During E.M. relieved Wallace F.W.T. @ 1000 due to illness made inspections of all machy & spaces.

CHIEF ENGINEER

OILER RAIGIZA F/W T DUCAN

WATCH ENGR'S SIGNATURE-

BLERS.	FL
P.A.K.	4.67
T.A.K.	6.42
CHL.	12.73
PHOS.	30
P.H. Conc.	7.0
P.H. D.E.	50
CHEMICALS ADDED	
ADJ.	4.0
G.C.	8.0
A.R.C.	16.0
STEAMING HOURS	
F.S.	14.4
W.S.	14.4

CHIEF ENGR'S SIGNATURE-

Otto L. Barth

[illegible]

REMARKS

1200-1600 WATCH

Machy in Operation, Port Boiler, Port M.S. Pump, Port Fuel Draft Blower, Port F.O. Service Pump, #1 Aux. Gen. on D.C. Aux. Circ. Pump, Aux. Cond. Pump, Flushing Water, Pitabla Water, D.C. & A.C. Power from Dock. Made inspections of all Machinery Spaces - Blew tubes in Port Boiler from 1300 to 1315

1600-2000 WATCH

DILEN RAIGIZA, FWT DUGAN

WATCH ENGR'S SIGNATURE-

MACHINERY AS BEFORE. CHANGED & CLEANED F.O. BURNER & STRAINER. ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES.

2000-2400 WATCH

DILEN BRADLEY, FWT DUGAN

WATCH ENGR'S SIGNATURE-

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

2400-0400 WATCH

DILEN BRADLEY, FWT DUGAN

WATCH ENGR'S SIGNATURE-

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES AT REGULAR INTERVALS. CONDITIONS NORMAL. CHANGED & CLEANED F.O. BURNER AND STRAINER. STEAM ON OUTBD SETTLER @ 0030. BILGES AT SAFE LEVEL.

0400-0800 WATCH

OILER - WILLIAMS

FWT - RAMOS

WATCH ENGR'S SIGNATURE-

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES AT REGULAR INTERVALS. CONDITIONS NORMAL. STEAM OFF OUTBOARD SETTLER @ 0410.

BILGES O.K.

0800-1200 WATCH

OILER - WILLIAMS

FWT - RAMOS

WATCH ENGR'S SIGNATURE-

MACHY AS BEFORE - TRANSFERRED FUEL OIL FROM #4 to INBOARD Settler. Finished @ 0900 - made inspections of all Machy & Spaces

CHIEF ENGINEER

DILEN RAIGIZA, FWT DUGAN

WATCH ENGR'S SIGNATURE-

BLRS. #2	
PALK. 584	
TALK. 759	
CHL. 12.43	
PHOS. 20	
P.H. Cond. 70	
P.H. D.C. 60	
CHEMICALS ADDED	
ADJ. 40	
G.C. 60	
A.R.C. 3	
STEAMING HOURS	
F.S. 168	
168	

CHIEF ENGR'S SIGNATURE-

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE																	
Gen John Pope				pt Huntress		Point				11/13/46																	
		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		9105		9105		9105		9106		9106		9166															
F.O. METER (END OF WATCH)		520		720		930		130		360		570															
F.O. CONSUMED		220		210		210		200		230		210															
PRESSURES		THROTTLE																									
		H.P. AHEAD																									
		L.P. AHEAD																									
		VACUUM																									
		L.O. TO TURBINES																									
		AUX. STEAM																									
		BACK PRESSURE		9		8		8.5		9		9															
		GLAND STEAM																									
		H.P. BLEEDER																									
		I.P. BLEEDER																									
		L.P. BLEEDER																									
TEMPERATURES		STEAM AT THROTTLE																									
		L. P. EXHAUST																									
		CONDENSATE																									
		CIRC. WATER IN		62		62		62		62		62															
		CIRC. WATER OUT		72		72		72		72		72															
		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																									
TEMPERATURES (CONT'D)		HOTTEST GEAR BEARING FORWARD																									
		HOTTEST GEAR BEARING AFT																									
		AUX. COND. CONDENSATE		90		90		90		92		90															
		1ST STAGE FEED WATER HEATER		235		235		235		235		235															
		D. C. FEED WATER HEATER		235		235		235		235		235															
		3RD STAGE FEED WATER HEATER																									
		SUPER HEAT																									
		F.O. TO BURNERS		220		220		220		225		220															
		AIR TO FURNACE		116		115		115		112		114															
		F.O. TEMP. IN SETTLING TANKS		106		104		104		102		100															
		PORT BOILER UPTAKE																									
		STBD. BOILER UPTAKE		255		260		260		260		260															
		F. O. BACK PRESSURE																									
		MAIN STEAM																									
		F.O. TO BURNERS		220		220		220		230		220															
		MAIN COND. SALINITY																									
		ENGINE ROOM TEMPERATURE																									
		FIRE ROOM TEMPERATURE																									
		NOZZLES IN USE																									
		NO. OF BURNERS IN USE		1		1		1		1		1															
		BURNER TIP SIZE		60		60		60		60		60															
		CO. % PORT BOILER																									
		CO. % STBD. BOILER																									
		OIL LEVEL MAIN SUMP																									
PRESSURES		F.O. TO BURNERS		220		220		220		230		220															
		MAIN COND. SALINITY																									
		ENGINE ROOM TEMPERATURE																									
		FIRE ROOM TEMPERATURE																									
		NOZZLES IN USE																									
		NO. OF BURNERS IN USE		1		1		1		1		1															
		BURNER TIP SIZE		60		60		60		60		60															
		CO. % PORT BOILER																									
		CO. % STBD. BOILER																									
		OIL LEVEL MAIN SUMP																									
MISCELLANEOUS		MAIN COND. SALINITY																									
		ENGINE ROOM TEMPERATURE																									
		FIRE ROOM TEMPERATURE																									
		NOZZLES IN USE																									
		NO. OF BURNERS IN USE		1		1		1		1		1															
		BURNER TIP SIZE		60		60		60		60		60															
		CO. % PORT BOILER																									
		CO. % 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		1		1200		440				9.5		114		95				64		800		900		240	
		1600 TO 2000		1		1200		440				9.5		114		95				64		750		750		240	
		2000 TO 2400		1		1200		440				9.5		110		95				64		750		750		240	
		2400 TO 0400		1		1200		440				9.5		112		95				64		750		750		240	
		0400 TO 0800		1		1200		440				9.5		114		96				64		850		850		240	
		0800 TO 1200		1		1200		440				9.5		112		95				64		950		950		240	
FUEL - WATER AND LUBE OIL		METER AT NOON																									
		METER PREVIOUS NOON																									
		CONSUMED BY METER																									
		ON HAND AT START OF DAY		12,302																							
		RECEIVED DURING DAY		-																							
		EXPENDED DURING DAY		32																							
		REMAINING ON BOARD		12,270																							
		ON HAND AT START OF DAY																									
		EVAPORATED OR RECEIVED																									
		ON HAND																									
		CONSUMED																									
		ON HAND AT START OF DAY																									
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