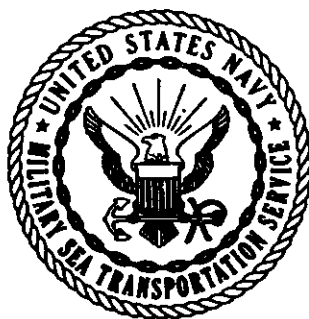


ENGINE ROOM LOG

GEARED TURBINE DRIVE



USNS

Gen. John Pope (TAP 110)

FROM 0000
1 MAR 19 67 TO 2400
2 APR. 19 67

INSTRUCTIONS

1. The entries in this book will be made neatly and legibly by the engineer or other person directly in charge of the machinery of the ship, and with pen and ink or idelible pencil. No erasures nor the removal of any pages will be permitted. Incorrect entries may be changed by drawing a single line through same with ink or idelible pencil and writing in the correct data, followed by the initials of the person making the change. The greatest care shall be used in keeping the log book to insure absolute accuracy in all particulars.
2. All entries of time shall be made on the 24-hour basis, noon-to-noon.
3. Under the heading "REMARKS" a careful, detailed record of the events occurring daily in the engine department shall be entered in the log book, including violations of orders or regulations. Entries should be preceded by the time when pertaining to important tests, casualties, injuries, etc.
4. Entries regarding the following shall also be made when occurring:
 - (a) Repairs accomplished during watches.
 - (b) Faulty or erratic operation or failure of machinery.
 - (c) Any important changes in machinery of any nature or additions thereto.
 - (d) Remetalling of bearings; fitting new piston rings; reboring cylinders; renewing pump parts, metallic packing, important valves, propeller, shafting, stern bearing, zinc protection bars and rings outboard, strainers, etc.; details to be recorded in Machinery History.
 - (e) Pumping of bilges.
 - (f) Blowing of tubes (*not applicable to Diesel and Diesel Electric*).
 - (g) Examining holding down bolts.
 - (h) Fuel and water taken aboard. The fuel account shall be carefully kept and the quantity consumed each day accurately ascertained.
 - (i) Record of special tests, i.e., running idle pumps, reach rods to valves, hydrostatic.
 - (j) Derelictions or deficiencies developed on the part of any member of the engine department.
 - (k) Filtering and cleaning elements installed in fuel and lube oil lines.
5. In twin screw ships when the machinery for each propeller is in separate Engine rooms, two books shall be utilized and each book shall be properly marked to indicate to which Engine room machinery it applies. When both Engines of a twin screw ship are in the same Engine space, proper identification of operating machinery will be pre-printed on each page or hand written on each page prior to daily operations.
6. The log books shall be retained on board unless required temporarily by the administrative commander and destroyed when three years old.

USNS			VOYAGE NO.			FROM			TO			TYPE OF VESSEL			DATE			
GEN LOPN 1000			7-G			D. N. H. 1000			1000			P-2-6			MAR 1-1967			
			WATCH									WATCH						
			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200				1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
RUNNING TIME						220	220	240	MACH. PARTICULARS (CONT'D) TEMPERATURES (CONT'D)						140	150	135	
DETENTION TIME																140	142	132
REVOLUTION COUNTER (END OF WATCH) 22574270						2261 5140	2263 6170	2265 7530								5140	8274	907
TOTAL REVOLUTIONS (FOR WATCH)						20570	21030	21360								165	165	160
AVERAGE RPM						74.5	95.6	89.0	MACH. PARTICULARS (CONT'D) PRESSURES						236	238	238	
F.O. METER (END OF WATCH) 11554500						1185 7100	1183 9640	1186 2210								135	135	135
F.O. CONSUMED						2570	2540	2570								712	720	710
THROTTLE						420	420	420								792	720	710
H.P. AHEAD						420	420	420	BOILER PARTICULARS TEMPERATURES						150	150	150	
L.P. AHEAD						19	20	135								102	6	4
VACUUM						30	30	30								93	5.6	4
L.O. TO TURBINES						12.3	12.3	12.5								75	90	94
AUX. STEAM						145	145	145	BOILER PARTICULARS PRESSURES						65	75	75	
BACK PRESSURE						7	9	9								320	305	295
GLAND STEAM						2	2	2								300	300	285
H.P. BLEEDER						70	70									0		
I.P. BLEEDER						6	6	6	MISCELLANEOUS						460	460	460	
L.P. BLEEDER						12	12	15								115	115	100
STEAM AT THROTTLE						712	720	710								.4	.4	.4
L. P. EXHAUST						90	92	88								70	72	74
CONDENSATE						82	88	87	MISCELLANEOUS						70	72	74	
CIRC. WATER IN						60	58	63								18	18	14
CIRC. WATER OUT						72	70	72								5	3	3
L.O. TO COOLERS						126	128	124								3	3	3
L.O. FROM COOLERS						110	112	108	MISCELLANEOUS						5/55	5/55	5/55	
TEMPERATURE THRUST BEARING						112	112	110								5/55	5/55	5/55
FORWARD H.P. ROTOR BEARING						120	120	118								CO. % PORT BOILER		
AFT. H.P. ROTOR BEARING						124	122	120								CO. % STBD. BOILER		
FORWARD L.P. ROTOR BEARING						125	130	122	MISCELLANEOUS						2'0"	2"	2'0"	
AFT. L.P. ROTOR BEARING						125	125	120								DIL 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	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	RECEIVED	CONSUMED	
1200 TO 1600																11862210															
																11854530															
																7680															
1600 TO 2000																															
2000 TO 2400																															
2400 TO 0400	3	1200	460	712	8	128	106			64	1000	1000	235																		
	4	1200	460	712	10	132	114			44	1000	1000	235																		
	3	1200	460	720	8	132	110			63	1000	1000	235																		
0400 TO 0800	4	1200	460	720	10	135	118			45	1000	1000	235																		
	3	1200	460	710	8	130	106			64	1100	1100	235																		
	4	1200	460	710	10	134	114			44	1100	1100	235																		
0800 TO 1200																															

LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)					
L.O. CENTRIFUGE - HOURS OPERATED					
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
			4	4	4
SUMMARY					
RUNNING TIME		PROPELLER SLIP (%)			
DETENTION TIME		BBL FUEL/MI			
TOTAL REVOLUTIONS		WIND DIRECTION			
AVERAGE R.P.M.		STATE OF SEA			
TOTAL MILES BY ENGINE		STATE OF WEATHER			
TOTAL MILES BY OBSERVATION					

REMARKS

1200-1600 WATCH

WATCH ENGR'S SIGNATURE.

1600-2000 WATCH

WATCH ENGR'S SIGNATURE.

2000-2400 WATCH

WATCH ENGR'S SIGNATURE.

2400-0400 WATCH

UNDERWAY 18 NOZZLES #3 & #4 BURNERS, F.O. BLOWERS, F.O. & FRED PUMPS, #3 & #4 TURB. GENS, AND COND. & SIRC. MAIN TENDERS, #1 & #2 F.O. & #2 AIR-OP. PUMPS, #1 & #2 F.O. PUMPS.
ADVANCE CLOCK 20' @ 0100. PUMPED SETTLER FROM #3 & D.B.
PUMPED BILGES.

COND. #4 G/G.

WATCH ENGR'S SIGNATURE.

M. G. G. G.

0400-0800 WATCH

UNDERWAY 18 NOZZLES. MACHINERY IN USE AS BEFORE. CHANGED & CLEAN #3 F.O. BURNER. CLEAN F.O. SUCT. STRAINER. #3 B.L.R. BOTT. GLOW THRU FLYW. 2 HRS.
ADVANCE CLOCK 20 MIN @ 0500

BOTTLE F.W.T. FROM 0400 TO 0600. WATERING B.W.T. FROM 0600 TO 0700.

COND. #1 G/G.

WATCH ENGR'S SIGNATURE.

K. G. G. G.

0800-1200 WATCH

UNDERWAY 18 NOZZLES machinery IN operation AS BEFORE. Blaw Tubes ON Port & STBD. BURNERS @ 0800. CHANGED & CLEANED F.O. BURNER & DISCH. STRAINER. Reduced Speed From 18 NOZZLES TO 10 RPM @ 0900 1/2 Bridge. Pumped BILGES.

WATCH ENGR'S SIGNATURE.

F. G. G. G.

CHIEF ENGINEER

BOILER WATER READINGS

STBD	PORT
F 308	F 2319
HRS W 2071	HRS W 2319
ALK 6.42	ALK 701
T-ALK 9.34	T-ALK 11.48
SAL 4.14	SAL 5.80
PHOS 30	PHOS 30
S PH 11	S PH 11

CHIEF ENGR'S SIGNATURE.

		WATCH						WATCH							
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		
RUNNING TIME		240	240	240	240	150		HOTTEST GEAR BEARING FORWARD		135	122		112	104	
DETENTION TIME								HOTTEST GEAR BEARING AFT		135	128		115		
REVOLUTION COUNTER (END OF WATCH)		18510	2269	2370	2271	2271		AUX. COND. CONDENSATE		84	84	90	84	181	26
TOTAL REVOLUTIONS (FOR WATCH)		2269	13900	11280	9270	5860		1ST STAGE FEED WATER HEATER		160	95				
AVERAGE RPM		73.7	57.9	47.0	38.6	37.1		D. C. FEED WATER HEATER		238	238	238	238	238	238
F.O. METER (END OF WATCH)		4370	5450	6520	7510	8510		3RD STAGE FEED WATER HEATER							
F.O. CONSUMED		2160	1080	1070	990	1000		SUPER HEAT		P 705	650	630	630		
PRESSURES		THROTTLE	430	425	430	430		S 705		650	630	630			
		H.P. AHEAD	430	425	430	80	9	F.O. TO BURNERS		150	150	150	150		150
		L.P. AHEAD	13"	15"	18"	18"	0	AIR TO FURNACE		P 70					
		VACUUM	28.4	30	30	30	0	S 70		4.6	3.0"	3"			1.5
		L.O. TO TURBINES	12.3	13	13	13	13.2	F.O. TEMP. IN SETTLING TANKS		P 70	85	85	80		8.8
		AUX. STEAM	140	140	150	150	140	S 65		80	80	70			75
		BACK PRESSURE	9	9	9	9	7	PORT BOILER UPTAKE							
		GLAND STEAM	18	1.8	1.5	1.5	1.5	STBD. BOILER UPTAKE		290	285	275	230		245
		H.P. BLEEDER	-					F. O. BACK PRESSURE							
		I.P. BLEEDER	-					MAIN STEAM		460	460	460	460		450
L.P. BLEEDER	-					F.O. TO BURNERS		200	130	165	185				
TEMPERATURES		STEAM AT THROTTLE	705	650	630	630		MAIN COND. SALINITY		.4	.4	.4	.4		.4
		L. P. EXHAUST	90	112	104	108	112	ENGINE ROOM TEMPERATURE		70	70	80	80		78
		CONDENSATE	88	85	85	80	70	FIRE ROOM TEMPERATURE		70	70	80	80		78
		CIRC. WATER IN	62	60	58	58	56	NOZZLES IN USE		Block		40 RPM			
		CIRC. WATER OUT	70	64	60	60	54	ND. OF BURNERS IN USE		P -					
		L.O. TO COOLERS	124	116	112	112	101	S 2		2	2	2	2		1
		L.O. FROM COOLERS	110	110	106	106	100	BURNER TIP SIZE		P -					
		TEMPERATURE THRUST BEARING	110	105	106	108		S 5 1/55		5 1/55	5 1/55	5 1/55	5 1/55		5 1/55
		FORWARD H.P. ROTOR BEARING	118	102	110	110		CO2 % PORT BOILER							
		AFT. H.P. ROTOR BEARING	120	120	112	115		CO2 % STBD. BOILER							
TEMPERATURES		FORWARD L.P. ROTOR BEARING	122	122	116	115		OIL LEVEL MAIN SUMP		2'0"	2'	2'0"	1'11"		1'11"
		AFT. L.P. ROTOR BEARING	120	120	115	115									

REMARKS

1200-1600 WATCH

UNDERWAY - 60 TOURS - #3 BLOWER & P. BLOWER FEED PUMP & FUEL PUMPS.
 #3 & #4 TOWNS GEN. AIR CIRC. & COOL. PUMPS - MAIN TOWNS GEN. #2 & #3 - MAIN CIRC.
 #2 AIR COMP, P. B. AIR & FUEL PUMP, MAIN AIR COMP.
 PUMPED SETBACKS FROM #3 & D.B. 60 TOURS @ 1430. SECURED #4 BLOWER @ 1440.
 PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

UNDERWAY - 60 RPM - MACH. IN OPERATION AS BEFORE BLOW TUBES IN "3 RIR."
 LEAKY SUCT. P.O. STRAINER.
 MR. LINDIS & SUNDEEN START WORKING ON "4 RIR" 1800

PITNEY RELEASED FROM SICK BAY. ASSUMED FMT. WATCH.

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

UNDERWAY 60 RPM machinery in operation as before changed &
 cleaned F.O. BLOWER & DISCH. STRAINER. Reduced speed from 60 to 40
 RPM @ 2145 3/4 Bridge. Pumped Bilges.

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

MACHINERY IN OPERATION AS BEFORE -
 UNDERWAY @ 40 RPM ON #3 BLOWER.
 PUMPED SETBACK FROM #3 & DOUBLE BETTERS.
 HELD ENGINEERING CASUALTY DRILL # B-12 FROM 0100-0130. 4 MEN PRESENT. BRIDGE NOTIFIED.
 PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

UNDERWAY 40 RPM MACHINERY IN OPERATION AS BEFORE.
 HELD ENGR. CASUALTY DRILL # B-12 FROM 0500 TO 0530. 4 MEN PRESENT BRIDGE NOTIFIED
 PACKING SUCT. BLOWERS #4 BLR. REDUCED SPEED FROM 40 RPM TO 20 RPM @ 0549
 ARRIVAL @ 0630 FROM P = 3796340 CNTR P = 22710870
 " S = 7871870 " S = 23529810

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

MANEUVERING WATCH MACHINERY IN OPERATION AS BEFORE FUEL.
 @ 0826 ATR. 22718970 FROM P = 7872360 S = 3796340. GOLF AS PRO BALL BACK.
 SW. STIR. TO MR. UNIT @ 0827 TACKLING DEAD END @ 0828. SW. 1ST STAGE BIR-2200
 HELD ENGR. CASUALTY DRILL B-12 FROM 0900 TO 1000 3 MEN PRESENT BRIDGE NOTIFIED
 CHANGED OVER FROM #2 TO #1 FRESH WATER PUMP. ENG. UTILITY MAN WORKING ON
 PORT BILGE ROOM. HANDHELD. PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE-

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
GEN JOHN POPE		7-H		POSHAN		SAGE BO		P-2-6		MAR-2-3-47	
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											
PRESSURES											
THROTTLE											
H.P. AHEAD											
L.P. AHEAD											
VACUUM											
L.O. TO TURBINES											
AUX. STEAM											
BACK PRESSURE											
GLAND STEAM											
H.P. BLEEDER											
I.P. BLEEDER											
L.P. BLEEDER											
TEMPERATURES											
STEAM AT THROTTLE											
L. P. EXHAUST											
CONDENSATE											
CIRC. WATER IN											
CIRC. WATER OUT											
L.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											
1ST STAGE FEED WATER HEATER											
D. C. FEED WATER HEATER											
3RD STAGE FEED WATER HEATER											
TEMPERATURES											
SUPER HEAT											
F.O. TO BURNERS											
AIR TO FURNACE											
F.O. TEMP. IN SETTLING TANKS											
PORT BOILER UPTAKE											
STBD. BOILER UPTAKE											
PRESSURES											
F. O. BACK PRESSURE											
MAIN STEAM											
F.O. TO BURNERS											
MISCELLANEOUS											
MAIN COND. SALINITY											
ENGINE ROOM TEMPERATURE											
FIRE ROOM TEMPERATURE											
NOZZLES IN USE											
NO. OF BURNERS IN USE											
BURNER TIP SIZE											
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											
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											
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											
444444											
SUMMARY											
RUNNING TIME											
DETENTION TIME											
TOTAL REVOLUTIONS											
AVERAGE R.P.M.											
TOTAL MILES BY ENGINE											
TOTAL MILES BY											
PROPELLER SLIP (%)											
BBL FUEL/MI											
WIND DIRECTION											
STATE OF SEA											
STATE OF WEATHER											

REMARKS

1200-1600 WATCH

PORT WATCH - MACHINERY IN OP - #3 BLOWER, F.P. BLOWER, FEED & #5
PUMP - #3 & 4 GENS, ROT CIRC & COND PUMPS. VACUUM ON MAIN TURBINES
JACKING BEAR ENGAGED - 4.2 STPM. MAIN GEAR - #3 COND PUMP.
#3 POT. W. PUMP & AIR COMP. HYDRO TEST #4 BLOWER.

GILMER - BEAUCHAMP - FRENCH - BUTLER

WATCH ENGR'S SIGNATURE - *W. French*

1600-2000 WATCH

PORT WATCH. MACHINERY IN OPERATION AS BEFORE
HYDRO TEST ON #4 BLR. 4.20"
CLEAN SUEF STRAINER PUMP RIGGS.

OILER GILMER - FWT. PIXLEY.

WATCH ENGR'S SIGNATURE - *Karsten*

2000-2400 WATCH

PORT WATCH MACHINERY AS BEFORE

WATCH ENGR'S SIGNATURE - *S. Harris*

2400-0400 WATCH

UNDERWAY - #3 BLOWER. MACHINERY AS BEFORE.

PUMPED BILGES. CLEANED DISCHARGE STRAINER

WATCH ENGR'S SIGNATURE - *McDonald*

0400-0800 WATCH

UNDERWAY ON #3 BLR. MACHINERY AS BEFORE. ADD COMPOUND TO #3 BLR #9. 0.05

SEA DETAIL DEPT. ARRIVAL @ 0712

FOM P-3996340 LNR P-22756020

" S-7877620 " S-23639570

WATCH ENGR'S SIGNATURE - *Karsten*

0800-1200 WATCH

MANEUVERING TO ANCHOR F.W.E. @ 0753 STW. 22757176 FOM. P-7877800
S-3996340. Sec. STM. to 1200. HRT @ 0754 same as jacking gear @ 0755.
Jacking gear out @ 1000 STW. To 1100. Unit Rolling 52.4 @ 1004. Tasted
Tale @ 1004 Time Check @ 1030. Stb. @ 1115 STW. 22757230 FOM. P-7877800
S-78778320. Bulls as per Bull Book. Shifting ship to Fuel Dock.

WATCH ENGR'S SIGNATURE - *S. Harris*

CHIEF ENGINEER

BOILER WATER READINGS

STBD	PORT
F-420	F-2319
HRS. W-2143	HRS. W-2319
ALK. 4.03	ALK.
T-ALK 4.42	T-ALK
SAL 4.56	SAL
PHOS. 20	PHOS-
P.PH. 10	P.PH.

CHIEF ENGR'S SIGNATURE - *S. Harris*

USNS GEN JOHN DOUG	VOYAGE NO. 7-4	FROM SASEBO	TO	TYPE OF VESSEL P-2-G	DATE MAR-3-4-67
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		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)		1187 5420	1187 6220	1187 6850	1187 7390	1187 7870	1187 8260						
F.O. CONSUMED		530	200	630	540	480	390						
PRESSURES	THROTTLE												
	H.P. AHEAD												
	L.P. AHEAD												
	VACUUM	29.5	29.5	25.0	24.5	24.5	24.5						
	L.O. TO TURBINES	13.3	13.3	13.3	13.3	13.3	13.3						
	AUX. STEAM	50	150	150	150	150	150						
	BACK PRESSURE	9	9	9	9	9	9						
	GLAND STEAM	2.5	2.5	1.5	1.5	1.5	1.5						
	H.P. BLEEDER												
	I.P. BLEEDER												
	L.P. BLEEDER												
	STEAM AT THROTTLE												
	L. P. EXHAUST	120	116	122	120	120	120						
	CONDENSATE	54	85	72	72	72	70						
CIRC. WATER IN	55	55	54	54	54	54							
CIRC. WATER OUT	58	58	58	58	54	58							
L.O. TO COOLERS	112	108	110	110	110	110							
L.O. FROM COOLERS	108	108	108	108	108	108							
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)													
TEMPERATURES (CONT'D)													
HOTTEST GEAR BEARING FORWARD													
HOTTEST GEAR BEARING AFT													
AUX. COND. CONDENSATE		78 1/4	78 1/4	78 1/2	74 1/2	80 1/4	78 1/2						
1ST STAGE FEED WATER HEATER													
D. C. FEED WATER HEATER		238	238	238	238	238	238						
3RD STAGE FEED WATER HEATER													
SUPER HEAT		P											
		S	620	620	620	620	620	620	620	620	620	620	620
F.O. TO BURNERS			150	150	150	150	150	150	150	150	150	150	150
AIR TO FURNACE		P											
		S	3.4	3.8	1.5	.5	.5	.5	.5	.5	.5	.5	.5
F.O. TEMP. IN SETTLING TANKS		P	90	95	75	85	85	85	85	85	85	85	85
		S	80	90	90	80	80	80	80	80	80	80	80
PORT BOILER UPTAKE													
STBD. BOILER UPTAKE			275	275	265	265	265	265	265	265	265	265	265
F. O. BACK PRESSURE													
MAIN STEAM			450	450	450	450	450	450	450	450	450	450	450
F.O. TO BURNERS			155	150	155	155	155	155	155	155	155	155	155
MAIN COND. SALINITY			.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
ENGINE ROOM TEMPERATURE			75	76	72	80	70	78					
FIRE ROOM TEMPERATURE			75	76	72	80	70	78					
NOZZLES IN USE				0									
NO. OF BURNERS IN USE		P											
		S	1	1	1	1	1	1	1	1	1	1	1
BURNER TIP SIZE		P											
		S	5 1/32	5 1/32	5 1/32	5 1/32	5 1/32	5 1/32	5 1/32	5 1/32	5 1/32	5 1/32	5 1/32
CO ₂ % PORT BOILER													
CO ₂ % STBD. BOILER													
OIL LEVEL MAIN SUMP			1' 11"	1' 11"	1' 11"	1' 11"	1' 11"	1' 11"	1' 11"	1' 11"	1' 11"	1' 11"	1' 11"

REMARKS

1200-1600 WATCH

PORT WATCH - MACHINERY IN USE #3 BAR - #3 F.W. PUMP - #3 F.W. WATER PUMP
 JACKING GEAR ENGAGED - MAIN CIR. PUMP - CONDENSATE PUMP - #3 & #4 GEN. - ALX. CIR. #3 & #4
 & COND. PUMPS. FRESH WATER PUMP
 START TAKING ON TUELOH @ 1315

OILER BEAUCHAMP - FWT. BUTLER

WATCH ENGR'S SIGNATURE - *Karsten*

1600-2000 WATCH

PORT WATCH. MACH IN USE AS BEFORE. WHEEL CLEARANCE @ 1600 TEST TEL. @
 STRY @ 1744 S FOM = 7279590 S. CNTR. = 23041570
 R " = SECURED P = " = 22758140 BELL PER BELL BOOK
 MAIN UNIT ON JACKING GEAR. PUMP BILGES.

OILER GUINAN - FWT. PIXLEY

WATCH ENGR'S SIGNATURE - *Karsten*

2000-2400 WATCH

AT ANCHOR Port Watch Machinery IN operation AS BEFORE.
 Pumped Bilges. Charged & cleaned Disch. Strainer F.O.

OILER - MAREAS & BEAUCHAMP FWT. WATCHING

WATCH ENGR'S SIGNATURE - *L. Harris*

2400-0400 WATCH

MACHINERY IN USE AS BEFORE.
 PUMPER SETTLERS FROM #4 P.S. DEEP
 PUMPED BILGES.

F.W.T. - BUTLER OILER - BEAUCHAMP

WATCH ENGR'S SIGNATURE - *McDaniel*

0400-0800 WATCH

PORT WATCH MACHINERY IN OPERATION AS BEFORE SLOW FIRE #4 BLK 53% TIO.
 @ 0430. ALTERNATE FIRES 10" PRESS. @ 0730
 PUMP BILGES.

OILER GUINAN FWT. PIXLEY

WATCH ENGR'S SIGNATURE - *Karsten*

0800-1200 WATCH

Port Watch At Anchor machinery IN operation AS BEFORE Except
 lit off #4 Boiler @ 0900 same on #4 @ 1100. started #4 Elect. W.P.
 Feed Pump. Potable Water suet. on #2 std. Pumped Bilges EMJ.
 utility men Replacing casing Deck on #4 Blk & soot blowers.

WATCH ENGR'S SIGNATURE - *L. Harris*

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE - *[Signature]*

USNS GEN JOHN POPE	VOYAGE NO. 7-1	FROM SASEBO	TO SAN FRANCISCO	TYPE OF VESSEL P-2-G	DATE MAR 4-5 67
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		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	40	240	240	240	240	240	135	135	142	145	142	140
	DETENTION TIME	-						135	130	138	138	137	138
	REVOLUTION COUNTER (END OF WATCH)	2278 4560	2278 7120	2280 9660	2283 2290	2285 4790	2287 7430	80/76	86/82	92	88/86	94/92	94
	TOTAL REVOLUTIONS (FOR WATCH)	3580	22560	22630	22640	22500	22640			170	170	170	170
	AVERAGE RPM	84.5	94.0	93.9	94.3	93.8	94.4	238	236	234	238	236	238
	F.O. METER (END OF WATCH)	1187 9140	1188 1960	1188 4660	1188 7400	1189 0170	1189 2930	H.P. L.P.		1051 1135	1051 1135	1051 1135	1051 1135
	F.O. CONSUMED	930	2770	2700	2740	2770	2760						
	THROTTLE	420	420	420	423	420	420	P	725	723	725	720	715
	H.P. AHEAD	420	420	420	423	420	420	S	725	723	725	720	715
	L.P. AHEAD	22	20.5	21	22	22	21						
	VACUUM	29.5	29.5	29.2	29.1	29.2	29.2	P	106	4.6	4.5	4.4	4
	L.O. TO TURBINES	12.6	12.5	12.3	12.5	12.5	12.4	S	115	6.6	6.0	6.8	5.8
	AUX. STEAM	150	150	150	150	150	150						
	BACK PRESSURE	9	9	9	9	9	9						
	GLAND STEAM	2.2	2	1.2	.1	.2	.2						
	H.P. BLEEDER	70	70	70	74	70	70						
	L.P. BLEEDER	6	6	6	5	6	6						
	L.P. BLEEDER	12"H _g	12	12"	12"H _g	12"	12"						
	STEAM AT THROTTLE	725	723	725	720	715	720						
	L. P. EXHAUST	120	106	100	100	114	100						
	CONDENSATE	70	92	96	96	100	98						
	CIRC. WATER IN	54	62	68	66	70	66						
	CIRC. WATER OUT	58	74	80	78	80	80						
TEMPERATURES	L.O. TO COOLERS	110	122	126	126	126	126						
	L.O. FROM COOLERS	108	112	108	110	110	108						
	TEMPERATURE THRUST BEARING	108	107	115	115	112	115						
	FORWARD H.P. ROTOR BEARING	115	120	125	120	120	120						
	AFT. H.P. ROTOR BEARING	118	130	130	125	130	128						
	FORWARD L.P. ROTOR BEARING	120	130	130	130	130	130						
	AFT. L.P. ROTOR BEARING	120	125	135	125	130	125						
	MAIN COND. SALINITY												
	ENGINE ROOM TEMPERATURE	83°	76	81	85	86	88						
	FIRE ROOM TEMPERATURE	83°	76	81	85	86	88						
MISCELLANEOUS	NOZZLES IN USE	18	18	18	18	18	18						
	NO. OF BURNERS IN USE	P 3	3	3	3	3	3						
		S 3	3	3	3	3	3						
	BURNER TIP SIZE	P 5/65	5/65	5/65	5/65	5/65	5/65						
		S 5/65	5/65	5/65	5/65	5/65	5/65						
	CO ₂ % PORT BOILER												
	CO ₂ % STBD. BOILER												
	OIL LEVEL MAIN SUMP	2'0"	2'	2'0"	2'0"	2'	2'						

GENERATORS												FUEL - WATER AND LUBE OIL					
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	METER AT NOON	METER PRE- VIOUS NOON	CONSUMED BY METER	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED
1200 TO 1600	3	1200	460	725	8	132	110		64	1000	1000	235	11892930	11878260	14670		
	4	1200	460	725	10	130	116		45	900	900	235					
1600 TO 2000	3	1200	460	723	8	132	112		64	950	950	235					
	4	1200	460	723	10	135	116		45	900	900	235					
2000 TO 2400	3	1200	460	725	8	132	110		64	950	950	235					
	4	1200	460	725	10	135	116		45	1000	1000	235					
2400 TO 0400	3	1200	460	720	8	132	108		64	950	950	235					
	4	1200	460	720	10	135	116		44	1000	1000	235					
0400 TO 0800	3	1200	460	715	8	132	110		64	1050	1050	235					
	4	1200	460	715	10	140	116		48	1100	1100	235					
0800 TO 1200	3	1200	460		8	132	110		64	1000	1000	235					
	4	1200	460		10		116		117	1000	1000	235					
												FUEL OIL					
												BOILER WATER					
												LUBE OIL					
												DIESEL OIL					
												DOMESTIC WATER					
												LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)					
												L.O. CENTRIFUGE - HOURS OPERATED					
												1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
												4	4	4	4	4	4
												SUMMARY					
												RUNNING TIME	PROPELLER SLIP (%)				
												DETENTION TIME	BBL FUEL/MI				
												TOTAL REVOLUTIONS	WIND DIRECTION				
												AVERAGE R.P.M.	STATE OF SEA				
												TOTAL MILES BY ENGINE	STATE OF WEATHER				
												TOTAL MILES BY					

REMARKS

1200-1600 WATCH

STEAMING ON 18 NOZ. MACHY IN OPER: #3+4 BLR, F.O. BIRS, Feed Pumps, F.O. Sea Pump
 #3+4 S.S. GENS, Mnt Aux Circ Pump, Mnt Aux Cond Pump, Pot Water Pump, L.O. Purifier, Air Comp, L.O. Pump
 Time check @ 1209, Wheel clearance @ 1259, Test Telegraph @ 1303. Mnt unit warmed up & turning
 @ 1315. STBY @ 1356 CTR 22758800 FOM(P) 3996910, FOM(S) 7881550. Bills as per Bell
 Book. DEPT @ 1500 CTR 22760980 FOM(P) 3997080 FOM(S) 7881710

WATCH ENGR'S SIGNATURE-

Philip R. Simon

1600-2000 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE BLOW TUBES IN #3+
 #4 BIRS. ADD COMPOUND TO #4 BLR. #1-#157 CLEAN F.O. SECT. STRAINER.
 PUMP BILGES.

WATCH ENGR'S SIGNATURE-

Rawster

2000-2400 WATCH

UNDERWAY MACHINERY AS BEFORE 18 NOZZLES. CHANGED & CLEANED
 F.O. BURNER & DISCH STRAINER. Pumped Bilges. Alfonso Eng. Utility
 standing 2000 TO 2400 oiler watch.

WATCH ENGR'S SIGNATURE-

J. Harris

2400-0400 WATCH

STEAMING ON 18 NOZZLES. MACHY IN OPERATION AS BEFORE. CHANGED & CLEANED
 F.O. BURNERS & F.O. DISCH STRAINERS. 2ND McDonald Pumped Settlers from #4 &
 DEEP OPENED UNION ON S.W. SERVICE TO SPRING BEARING #135 TO HELP COOL IT.

WATCH ENGR'S SIGNATURE-

Philip R. Simon

0400-0800 WATCH

UNDERWAY ON 18 NOZZLES. MACHINERY IN OPERATION AS BEFORE KEEPING CLOSE
 WATCH ON BET. SPRING BEARING. ADD #1 & 15 COMP TO #4 BLR. BLOWING DOWN #3
 BLR. THRU EDAP. CHANGE & CLEAN #4 F.O. BURNER.

WATCH ENGR'S SIGNATURE-

H. Rawster

COND. G.P.

0800-1200 WATCH

UNDERWAY 18 NOZZLES MACHINERY IN OPERATION AS BEFORE CHANGED
 & CLEANED F.O. BURNER & DISCH STRAINER. BLOW TUBES ON Port & Stbd.
 Boilers @ 0800 Pumped Bilges. 1st Eng. & Eng. Utility, men working
 on other Blr. Feed Pumps. STBY @ 0956 4H @ 1000 DUE TO WEATHER.

WATCH ENGR'S SIGNATURE-

J. Harris

CHIEF ENGINEER

BOILER WATER READINGS

STBD.	PORT
F - 468	K - 2343
HRS W - 2191	HRS W - 2343
ALK - 7.01	ALK - 4.03
T-ALK - 9.93	T-ALK - 6.42
SAL - 7.04	SAL - 2.49
PHOS - 30	PHOS - 20
P.H. 11	P.H. - 11

CHIEF ENGR'S SIGNATURE-

J. Harris

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GENERAL JOHN POPE	7-1	SASEBO	SAN FRANCISCO	P-2-G	MAR 5-6

		WATCH								WATCH											
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200						
RUNNING TIME		240	240	240	240	240	240	MACH. PARTICULARS (CONT'D)		HOTTEST GEAR BEARING FORWARD		145	152	144	145	150	145				
DETENTION TIME		—								HOTTEST GEAR BEARING AFT		138	142	138	138	140	138				
REVOLUTION COUNTER (END OF WATCH)		2290 0060	2292 2770	2294 5480	2296 8140	2298 10880	2301 13280			AUX. COND. CONDENSATE		96 1/2	92 1/8	92 1/2	90 1/8	84 1/2	88				
TOTAL REVOLUTIONS (FOR WATCH)		22630	22710	22710	22660	22540	22600			1ST STAGE FEED WATER HEATER		170	170	170	170	170	170				
AVERAGE RPM		94.3	94.6	94.6	94.4	93.9	94.2			D. C. FEED WATER HEATER		238	238	238	238	238	238				
F.O. METER (END OF WATCH)		1189 5690	1189 8440	1190 1200	1190 3950	1190 6710	1190 8470			3RD STAGE FEED WATER HEATER		HP .051 LP .135	HP .051 LP .135	HP .051 LP .135	HP .051 LP .135	HP .051 LP .135	HP .051 LP .135				
F.O. CONSUMED		2760	2750	2740	2750	2760	2760			BOILER PARTICULARS		SUPER HEAT		P 715 S 715	P 725 S 725	P 715 S 715	P 715 S 715	P 720 S 718			
MACHINERY PARTICULARS		PRESSURES		H.P. AHEAD		420	420	420	420			420	420	F.O. TO BURNERS		150	150	150	150	150	150
				L.P. AHEAD		21	22	22	21.5			22	21	AIR TO FURNACE		P 6.6 S 4.6	P 6.6 S 4.2	P 5.5 S 4.5	P 6.0 S 4.5	P 7.0 S 4.5	
				VACUUM		29.2	29.3	29.3	29.2			29.3	29.3	F.O. TEMP. IN SETTLING TANKS		P 90 S 65	P 95 S 75	P 100 S 80	P 75 S 75	P 90 S 85	
				L.O. TO TURBINES		12.4	12.4	12.4	12.3			12.4	12.4	PORT BOILER UPTAKE		305	305	305	305	310	305
				AUX. STEAM		150	145	145	145			145	145	STBD. BOILER UPTAKE		295	290	295	295	295	295
				BACK PRESSURE		9	9	9	9			9	9	F. O. BACK PRESSURE							
				GLAND STEAM		.2	.2	.2	.2			.2	.2	MAIN STEAM		460	460	460	460	460	460
				H.P. BLEEDER		70	70	70	70			70	70	F.O. TO BURNERS		100	120	115	115	125	120
				I.P. BLEEDER		6	6	6	6			6	6	MISCELLANEOUS		MAIN COND. SALINITY					
L.P. BLEEDER		12"	12"	12"	12"	12"	12"	ENGINE ROOM TEMPERATURE		86	86	86	86			86	86				
STEAM AT THROTTLE		715	725	715	715	720	715	FIRE ROOM TEMPERATURE		86	86	86	86			86	86				
L. P. EXHAUST		100	104	100	98	102	98	NOZZLES IN USE		18	18	18	18			18	18				
CONDENSATE		98	97	96	96	98	96	NO. OF BURNERS IN USE		P 3 S 3	P 3 S 3	P 3 S 3	P 3 S 3			P 3 S 3	P 3 S 3				
CIRC. WATER IN		70	68	68	66	68	66	BURNER TIP SIZE		P 5 1/55 S 5 1/55	P 5 1/55 S 5 1/55	P 5 1/55 S 5 1/55	P 5 1/55 S 5 1/55			P 5 1/55 S 5 1/55	P 5 1/55 S 5 1/55				
CIRC. WATER OUT		78	76	78	76	78	76	CO. % PORT BOILER													
L.O. TO COOLERS		124	126	128	126	126	126	CO. % STBD. BOILER													
L.O. FROM COOLERS		110	110	110	110	110	110	OIL LEVEL MAIN SUMP		2'0"	2'	2'	2'0"			2'	2'				
TEMPERATURE THRUST BEARING		120	115	115	115	116	115														
FORWARD H.P. ROTOR BEARING		120	122	122	120	125	120														
AFT. H.P. ROTOR BEARING		128	130	130	125	130	125														
FORWARD L.P. ROTOR BEARING		125	132	130	130	130	130														
AFT. L.P. ROTOR BEARING		125	130	130	125	130	125														

GENERATORS											FUEL - WATER AND LUBE OIL					
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	METER AT NOON	ON HAND AT START OF DAY	BOILER WATER	ON HAND AT START OF DAY
1200 TO 1600	3	1200	460	715	8	132	108		64	1000	1000	235	11905470			
	4	1200	460	715	10	138	116		43	1000	1000	235	11892930			
1600 TO 2000	3	1200	460	725	8	130	108		64	1000	1000	235	16540			
	4	1200	460	725	10	140	116		43	950	950	235				
2000 TO 2400	3	1200	460	715	8	130	108		64	1000	1000	235				
	4	1200	460	715	10	138	114		44	950	950	235				
2400 TO 0400	3	1200	460	715	8	130	108		64	850	850	235				
	4	1200	460	715	10	135	116		44	1000	1000	235				
0400 TO 0800	3	1200	460	720	8	132	110		64	1050	1050	235				
	4	1200	460	720	10	140	110		44	1000	1000	235				
0800 TO 1200	3	1200	460	715	8	132	108		64	1000	1000	235				
	4	1200	460	715	10	138	114		44	1000	1000	235				
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)											L.O. CENTRIFUGE - HOURS OPERATED					
											1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
											4	4	3	3 1/4	4	4
											SUMMARY					
											RUNNING TIME	PROPELLER SLIP (%)				
											DETENTION TIME	BBL FUEL/MI				
											TOTAL REVOLUTIONS	WIND DIRECTION				
											AVERAGE R.P.M.	STATE OF SEA				
											TOTAL MILES BY ENGINE	STATE OF WEATHER				
											TOTAL MILES BY					

REMARKS

1200-1600 WATCH

STEAMING ON 18 NOZZ. MACHY IN OPERATION: #3+4 BLR, F.D. BLOWERS, #3+4 SS. GEN, L.O. Purifier, M.A. Air Comp, STBD Steering Air, #3+4 elec F.O. Suck Pump, M.A. + Aux Circ Pumps, #3+4 elec Feed Pumps, #3 M.A. + Aux cond Pump, elec h.p. sea pump, STBD STM. Pot. water pump. Set clock @ 1200 + Tested telegraph. 2ND A/E McDonald pumped settling from #4 & DEEP. CHANGED & CLEANED #1 F.O. BURNER + STBD F.O. DISCH STRAINER. Pumped Bilges & MADE INSPECTIONS OF MACHY & SPACES

WATCH ENGR'S SIGNATURE-

Philo R. Lima

1600-2000 WATCH

UNDERWAY ON 18 NOZZLES. MACHINERY IN OPERATION AS BEFORE. BLOW TUBES IN #3+4 BLRS. CHANGE & CLEAN #3 F.O. BURNER. CLEAN F.O. SUCT. STRAINER. CHANGE LUB. OIL IN #5+6 PORT SPRING BEARINGS.

WATCH ENGR'S SIGNATURE-

H. Karsten

2000-2400 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE EXCEPT Sec. STM. F.W. Pump. CHANGED & CLEANED L.O. STRAINER SS. GEN'S. CHANGED & CLEANED F.O. BURNER + DISCH. STRAINER. Pumped Bilges. Sec. L.O. Purifier for cleaning @ 2300.

WATCH ENGR'S SIGNATURE-

F. Harris

2400-0400 WATCH

STEAMING ON 18 NOZZLES MACHY IN OPERATION AS BEFORE. CHANGED & CLEANED #2 F.O. BURNER + STBD F.O. DISCH STRAINER. Pumped Bilges & MADE INSPECTIONS OF MACHY & SPACES. CLEANED L.O. Purifier & SAME ON LINE @ 0015. 2ND A/E McDonald Pumped settling from #4 & DEEP. Held ENG CASUALTY DRILL D-13 from 0100 to 0130. Four men present & BRIDGE NOTIFIED

WATCH ENGR'S SIGNATURE-

Philo R. Lima

0400-0800 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. CHANGE & CLEAN #4 F.O. BURNER. CLEAN SUCT. F.O. STRAINER. ENG. CASUALTY DRILL D-13 FROM 0500 TO 0530. FOUR MEN PRESENT. BOTT. BLOW #3 BLR. 2 HRS. THRU EVAPORATOR. ADD #9-15 COMP. TO #4 BLR. ADJUST #5 SUOT BLOWER #4 BLR.

WATCH ENGR'S SIGNATURE-

Karsten

0800-1200 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE BLOW TUBES ON PORT + STBD BILGERS @ 0800. CHANGED & CLEANED F.O. BURNER + DISCH. STRAINER. Added Packing to Bilge Pump. Pumped Bilges. 1st & Eng. Utility men working on 5th BLR Feed Pumps. Held ENG CASUALTY DRILL D-13 FROM 0930 TO 1000. 4 men present Bridge Notified.

WATCH ENGR'S SIGNATURE-

F. Harris

CHIEF ENGINEER

BOILER WATER READINGS

STBD. PORT.

F. 492 F. - 2307

HRS. W. 2215 HRS. W. - 2307

ALK. = 4.67 ALK. = 7.59

T-ALK. = 6.42 T-ALK. = 11.10

SAL. = 4.14 SAL. = 2.90

PHOS. = 10 PHOS. = 30

P.H. = 11 P.H. = 11

CHIEF ENGR'S SIGNATURE-

F. Harris

USNS GEN. JOHN POPE VOYAGE NO. 7-1 FROM SASEBO TO SAN FRANCISCO TYPE OF VESSEL P-2-G DATE MAR 6-7-67

		WATCH								WATCH							
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		
RUNNING TIME		240	240	220	220	220	240			HOTTEST GEAR BEARING FORWARD		145	150	144	150	150	144
DETENTION TIME										HOTTEST GEAR BEARING AFT		138	140	138	140	140	138
REVOLUTION COUNTER (END OF WATCH)		2303 5830	2305 8430	2307 9030	2309 9980	2312 0760	2314 3310			AUX. COND. CONDENSATE		92/40	90/80	90/90	83/84	92/80	96/94
TOTAL REVOLUTIONS (FOR WATCH)		22650	22600	20600	20950	20780	22550			1ST STAGE FEED WATER HEATER		170	170	170	170	170	170
AVERAGE RPM		94.0	94.2	93.7	95.2	94.5	94.0			D. C. FEED WATER HEATER		238	238	238	238	238	238
F.O. METER (END OF WATCH)		1191 2310	1191 4930	1191 7430	1191 9910	1192 2350	1192 5100			3RD STAGE FEED WATER HEATER		1051 135	1051 135	1051 135	1051 135	1051 135	1051 135
F.O. CONSUMED		2740	2720	2500	2480	2440	2750			SUPER HEAT		P 715	720	720	720	720	720
PRESSURES	THROTTLE	420	420	420	420	420	420			S 715		720	720	720	720	720	720
	H.P. AHEAD	420	420	420	420	420	420			F.O. TO BURNERS		150	150	150	150	150	150
	L.P. AHEAD	20.5	21	24	23.5	23	24			AIR TO FURNACE		P 5.0	7	6.0	7.6	7.6	6.8
	VACUUM	29.3	29.4	29.3	29.3	29.3	29.3			S 4.5		4.5	4.2	3.0	4.5	4.4	4.5
	L.O. TO TURBINES	12.4	12.4	12.4	12.2	12.4	12.4			F.O. TEMP. IN SETTLING TANKS		P 85	90	95	90	95	90
	AUX. STEAM	140	140	145	145	140	140			S 80		75	80	80	80	85	90
	BACK PRESSURE	9	9	9	9	9	9			PORT BOILER UPTAKE		300	305	305	305	310	305
	GLAND STEAM	2	2	2	2	2	2			STBD. BOILER UPTAKE		295	285	290	295	300	290
	H.P. BLEEDER	70	70	70	70	70	70			F. O. BACK PRESSURE							
	I.P. BLEEDER	6	6	6	6	6	6			MAIN STEAM		460	460	460	460	460	460
L.P. BLEEDER	12"	12"	12"	12"	12"	12"			F.O. TO BURNERS		110	125	120	110	110	115	
TEMPERATURES	STEAM AT THROTTLE	715	720	720	720	720	720			MAIN COND. SALINITY						41	41
	L. P. EXHAUST	100	100	100	98	100	98			ENGINE ROOM TEMPERATURE		85	84	84	84	84	84
	CONDENSATE	96	98	98	96	98	98			FIRE ROOM TEMPERATURE		85	84	84	84	84	84
	CIRC. WATER IN	68	68	68	68	67	68			NOZZLES IN USE		18	18	18	18	18	18
	CIRC. WATER OUT	78	78	78	78	76	78			NO. OF BURNERS IN USE		P 3	3	3	3	3	3
	L.O. TO COOLERS	126	126	126	126	126	126			S 3		3	3	3	3	3	3
	L.O. FROM COOLERS	110	110	110	110	110	110			BURNER TIP SIZE		P 51/55	51/55	51/55	51/55	51/55	51/55
	TEMPERATURE THRUST BEARING	115	112	114	115	115	112			S 51/55		51/55	51/55	51/55	51/55	51/55	51/55
	FORWARD H.P. ROTOR BEARING	120	120	120	120	120	120			CO ₂ % PORT BOILER							
	AFT. H.P. ROTOR BEARING	130	120	130	128	128	130			CO ₂ % STBD. BOILER							
	FORWARD L.P. ROTOR BEARING	125	130	130	125	130	130			OIL LEVEL MAIN SUMP		2'	2'	2'	2'	2'	2'
	AFT. L.P. ROTOR BEARING	125	125	125	125	125	125										

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
1200 TO 1600	3	1200	460	715	8	130	108		63	950	950	235		11925100	11909470	15630	
	4	1200	460	715	10	136	116		43	1000	1000	235					
1600 TO 2000	3	1200	460	720	8	132	110		64	1000	1000	235					
	3	1200	460	720	10	140	116		44	1050	1050	235					
2000 TO 2400	3	1200	460	720	8	130	108		64	1000	1000	235					
	4	1200	460	720	10	134	116		44	1000	1000	235					
2400 TO 0400	3	1200	460	720	8	130	108		64	800	800	235					
	4	1200	460	720	10	135	116		44	850	850	235					
0400 TO 0800	3	1200	460		8	132	110		64	1000	1000	235					
	4	1200	460		10	137	116		44	950	950	235					
0800 TO 1200	3	1200	460	720	8	132	110		64	950	950	235					
	4	1200	460		10	135	116		44	900	900	235					
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)												L.O. CENTRIFUGE - HOURS OPERATED					
												1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
												4	4	4	4 3/4	4 3/4	4
												SUMMARY					
												RUNNING TIME		PROPELLER SLIP (%)			
												DETENTION TIME		BBL FUEL/MI			
												TOTAL REVOLUTIONS		WIND DIRECTION			
												AVERAGE R.P.M.		STATE OF SEA			
												TOTAL MILES BY ENGINE		STATE OF WEATHER			
												TOTAL MILES BY					

REMARKS

1200-1600 WATCH

STEAMING ON 18 NOZZLES. MACHY IN OPERATION. #3+4 BLR, F.O. Blower, #3+4 SSC, L.O. Purifier #2, M.A. Air comp, STD STEERING MTR. Pumps: Elec F.O. Sec, M.A. Aux comp, Elec Feed, Elec L.O. Sec, #3 M.A. Aux comp. SET CLOCK + TESTED TELEGRAPH @ 1200. CHANGED & CLEANED #1 F.O. BURNER + STD F.O. DISCH STRAINER. Pumped Bilges & MADE INSPECTIONS OF MACHY & SPACES. Settlers Pumped from #3 P&S O.B.

WATCH ENGR'S SIGNATURE-

Philip R. Lewis

1600-2000 WATCH

UNDERWAY ON 17 NOZZLES. MACHINERY IN OPERATION AS BEFORE. CHANGE & CLEAN #3 BURNER. BLOW TUBES IN #3 + #4 BOILERS. RENEW GAUGE GLASS ON #4 BLR (BOTTOM). GAUGE GLASS LIGHT SHORTED OUT. ADD BLR COMP #9 + #15 TO #3 BLR.

WATCH ENGR'S SIGNATURE-

J. Harris

2000-2400 WATCH

UNDERWAY MACHINERY AS BEFORE CHANGED & CLEANED F.O. BURNER & DISCH. STRAINER. Pumped Bilges. Sec. #2 EVAP. @ 2230. Advanced clock 20 min @ 2300.

WATCH ENGR'S SIGNATURE-

J. Harris

2400-0400 WATCH

STEAMING ON 18 NOZZLES. MACHY IN OPERATION AS BEFORE. CHANGED & CLEANED #2 F.O. BURNER + STD F.O. DISCH STRAINER. Pumped Bilges & MADE INSPECTIONS OF MACHY & SPACES. Pumped settlers up from #3 P&S + #3 &. Advanced clock 20 min @ 0100.

WATCH ENGR'S SIGNATURE-

Philip R. Lewis

0400-0800 WATCH

UNDERWAY ON 18 NOZZLES. MACH IN OPERATION AS BEFORE. CHANGE & CLEAN #4 F.O. BURNER. CLEAN F.O. SLCT. STRAINER. ADD BLR COMP #9 + #15 TO #3 BLR. ADVANCE CLOCK 20 MIN @ 0500.

WATCH ENGR'S SIGNATURE-

J. Harris

0800-1200 WATCH

UNDERWAY 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. Blow Tubes in Port & STD, Boilers @ 0800. main & aux. plant combined. Sec. Out. Air Blower. Aux. comp, Pump & air. Circ. Pump. Changed & cleaned F.O. BURNER & DISCH. STRAINER. Pumped Bilges.

WATCH ENGR'S SIGNATURE-

J. Harris

CHIEF ENGINEER

BOILER WATER READINGS

TIME	PORT	STARBOARD
8:51	2291	2291
W-2239	W-2291	
8:18	2291	2291
11:10	2291	2291
4:14	2291	2291
50	2291	2291
11	2291	2291

CHIEF ENGR'S SIGNATURE-

J. Harris

USNS GEN. JOHN POPE VOYAGE NO. 7-1 FROM SASEBO TO SAN FRANCISCO TYPE OF VESSEL 12-G DATE MAR 7-8-67

	WATCH						WATCH					
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	240	240	240	240	150	150	144	148	150	142
DETENTION TIME												
REVOLUTION COUNTER (END OF WATCH)	2316 5910	2318 8530	2321 3990	2323 3440	2325 5790	2327 8280	140 98	140 96	138 96	138 94	142 96	138 94
TOTAL REVOLUTIONS (FOR WATCH)	22600	22620	22460	22460	22350	22490	170	170	170	170	170	176
AVERAGE RPM	94.2	94.2	93.6	93.5	93.1	93.7	238	238	238	238	238	238
F.O. METER (END OF WATCH)	1192	1193	1193	1193	1193	1194	135	135	135	135	135	135
F.O. CONSUMED	2730	2710	2690	2690	2660	2690	720	725	720	720	720	725
PRESSURES	THROTTLE	420	420	420	420	420	420	420	420	420	420	420
	H.P. AHEAD	420	420	420	420	420	420	420	420	420	420	420
	L.P. AHEAD	24	24	24	23	23	43					
	VACUUM	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
	L.O. TO TURBINES	12.3	12.3	12.3	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3
	AUX. STEAM	150	140	140	140	140	140	140	140	140	140	140
	BACK PRESSURE	9	9	9	9	9	9	9	9	9	9	9
	GLAND STEAM	2	2	2	2	2	2	2	2	2	2	2
	H.P. BLEEDER	70	70	70	70	70	70	70	70	70	70	70
	L.P. BLEEDER	6	6	6	6	6	6	6	6	6	6	6
	L.P. BLEEDER	12	12	12	12	12	12	12	12	12	12	12
	STEAM AT THROTTLE	720	725	720	720	720	725					
TEMPERATURES	L. P. EXHAUST	100	100	100	100	100	98					
	CONDENSATE	98	100	98	96	100	98					
	CIRC. WATER IN	66	67	68	66	68	68					
	CIRC. WATER OUT	76	78	78	76	78	78					
	L.O. TO COOLERS	126	126	126	126	126	126					
	L.O. FROM COOLERS	110	110	110	110	110	110					
	TEMPERATURE THRUST BEARING	115	112	112	112	112	110					
	FORWARD H.P. ROTOR BEARING	120	120	120	120	122	120					
	AFT. H.P. ROTOR BEARING	125	126	130	125	126	130					
	FORWARD L.P. ROTOR BEARING	125	130	130	125	130	130					
	AFT. L.P. ROTOR BEARING	125	130	125	125	130	125					
	STEAM AT THROTTLE	720	725	720	720	720	725					
TEMPERATURES (CONT'D)	HOTTEST GEAR BEARING FORWARD	150	150	144	148	150	142					
	HOTTEST GEAR BEARING AFT	140	140	138	138	142	138					
	AUX. COND. CONDENSATE	98	96	96	96	96	94					
	1ST STAGE FEED WATER HEATER	170	170	170	170	170	176					
	D. C. FEED WATER HEATER	238	238	238	238	238	238					
	2ND STAGE FEED WATER HEATER	135	135	135	135	135	135					
	SUPER HEAT	720	725	720	720	720	725					
	F.O. TO BURNERS	150	150	150	150	150	150					
	AIR TO FURNACE	8.2	7.2	6.5	6.5	7.2	5.8					
	F.O. TEMP. IN SETTLING TANKS	85	95	95	90	90	90					
	PORT BOILER UPTAKE	310	310	305	305	305	305					
	STBD. BOILER UPTAKE	295	295	290	295	305	295					
PRESSURES	F. O. BACK PRESSURE											
	MAIN STEAM	460	460	460	460	460	460					
	F.O. TO BURNERS	115	115	110	110	105	110					
	MAIN COND. SALINITY		41	41	41	41	41					
	ENGINE ROOM TEMPERATURE	84	83	84	84	84	84					
	FIRE ROOM TEMPERATURE	84	83	84	84	84	84					
	NOZZLES IN USE	18	18	18	18	18	18					
	NO. OF BURNERS IN USE	3	3	3	3	3	3					
	BURNER TIP SIZE	5 1/55	5 1/55	5 1/55	5 1/55	5 1/55	5 1/55					
	CO. % PORT BOILER											
	CO. % STBD. BOILER											
	OIL LEVEL MAIN SUMP	2'	2'	2'	2'	2'	2'					
MISCELLANEOUS	MAIN COND. SALINITY		41	41	41	41	41					
	ENGINE ROOM TEMPERATURE	84	83	84	84	84	84					
	FIRE ROOM TEMPERATURE	84	83	84	84	84	84					
	NOZZLES IN USE	18	18	18	18	18	18					
	NO. OF BURNERS IN USE	3	3	3	3	3	3					
	BURNER TIP SIZE	5 1/55	5 1/55	5 1/55	5 1/55	5 1/55	5 1/55					
	CO. % PORT BOILER											
	CO. % STBD. BOILER											
	OIL LEVEL MAIN SUMP	2'	2'	2'	2'	2'	2'					
	MAIN COND. SALINITY		41	41	41	41	41					
	ENGINE ROOM TEMPERATURE	84	83	84	84	84	84					
	FIRE ROOM TEMPERATURE	84	83	84	84	84	84					

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	
1200 TO 1600	3	1200	460	720	8	130	108		64	1100	1100	235	11941270	11925700	16170			
	4	1200	460	720	10	135	114		44	750	750	235						
1600 TO 2000	3	1200	460	725	8	130	110		64	950	950	235						
	4	1200	460	725	10	135	116		44	1000	1000	235						
2000 TO 2400	3	1200	460	720	8	130	108		64	900	900	235						
	4	1200	460	720	10	134	116		44	900	900	235						
2400 TO 0400	3	1200	460	720	8	130	108		64	850	850	235						
	4	1200	460	720	10	135	114		44	900	900	235						
0400 TO 0800	3	1200	460	720	8	132	110		64	1000	1000	235						
	4	1200	460	720	10	137	116		44	1000	1000	235						
0800 TO 1200	3	1200	460	725	8	132	110		64	950	950	235						
	4	1200	460	725	10	136	116		44	950	950	235						
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)																		
L.O. CENTRIFUGE - HOURS OPERATED																		
1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200								
4		4		4		4		4		4								
SUMMARY																		
RUNNING TIME													PROPELLER SLIP (%)					
DETENTION TIME													BBL FUEL/MI					
TOTAL REVOLUTIONS													WIND DIRECTION					
AVERAGE R.P.M.													STATE OF SEA					
TOTAL MILES BY ENGINE													STATE OF WEATHER					
TOTAL MILES BY																		

REMARKS

1200-1600 WATCH

STEAMING ON 18 NOZZLES. MACHY IN OPERATION: #3+4 B/LR, F.O. BLOWERS, #3+4 S.S. GEN'S, L.O. Purifier, M/Air Comp, STBD STEERING MTR, Pumps: #3+4 elec F.O. SER, M/CIRC, #3+4 M/Air Comp, Elec L.O. SER, #3 M/Air Comp. Set clocks & TESTED TELEGRAPH @ 1200. TESTED C/S TRIP & THROTTLES. STBY + FIRE DRILL @ 1300, SECURE @ 1313, Boat Drill @ 1314. SECURE & V @ 1321. OPERATED Elec FIRE PUMP. Pumped Bilges. CHANGED & CLEANED #1 F.O. BURNER & STBD F.O. DISCH STRAINER. MADE INSPECTIONS OF MACHY & SPACES. Pumped Settlers up from #3 C.

WATCH ENGR'S SIGNATURE-

Philip R. Simon

1600-2000 WATCH

UNDERWAY ON 12 NOZZLES. MACHINERY IN OPERATION AS BEFORE. CHANGED & CLEAN #3 F.O. BURNER. CLEAN F.O. SUCT. STRAINER. BLOW TUBES IN #3+4 B/LRS.

WATCH ENGR'S SIGNATURE-

Kersten

2000-2400 WATCH

UNDERWAY ON 12 NOZZLES. MACHINERY IN OPERATION AS BEFORE. CHANGED & CLEANED F.O. BURNER & DISCH STRAINER. Pumped Bilges. Complied with 4700.7 COMSTS.

WATCH ENGR'S SIGNATURE-

L. Harris

2400-0400 WATCH

STEAMING ON 18 NOZZLES. MACHY IN OPERATION AS BEFORE. Pumped UP Settlers from #2 P/S D.B. CHANGED & CLEANED #2 F.O. BURNER + STBD F.O. DISCH STRAINER. MADE INSPECTIONS OF MACHY & SPACES. Pumped Bilges. Complied with COMSTS & 4700.7

WATCH ENGR'S SIGNATURE-

Philip R. Simon

0400-0800 WATCH

UNDERWAY ON 18 NOZZLES. MACH. IN OPERATION AS BEFORE. CHANGED & CLEAN #4 F.O. BURNER. CLEAN F.O. SUCT. STRAINER. PUMP BILGES. COMPLIED WITH COMST # 4700.7

WATCH ENGR'S SIGNATURE-

H. Kersten

0800-1200 WATCH

UNDERWAY ON 18 NOZZLES. MACHINERY IN OPERATION AS BEFORE. BLOW TUBES ON PORT + STBD. BLOWERS @ 0800. CHANGED & CLEANED F.O. BURNER & DISCH. STRAINER. Pumped Bilges.

WATCH ENGR'S SIGNATURE-

L. Harris

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
EGURS F-540 HOURS F-2315	
W-2243	W-2315
AKL 8.18	AKL 7.59
T-11.10	T-AKL 11.10
SAL. 4.14	SAL. 2.90
PHOS. 410	PHOS. 410
R.ph 10.5	R.ph 10.5

CHIEF ENGR'S SIGNATURE-

Philip R. Simon

USNS GEN. JOHN POPE VOYAGE NO. 7-1 FROM SASEBO TO SAN FRANCISCO TYPE OF VESSEL D-2-G DATE MAR 8-9-67

		WATCH						WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		240	240	220	220	220	240	148	148	142	148	150	142
DETENTION TIME								138	138	138	138	140	138
REVOLUTION COUNTER (END OF WATCH)		2330 0870	2332 3390	2334 4050	2336 4820	2338 5590	2340 6360	96 94	94	94	92	90	88
TOTAL REVOLUTIONS (FOR WATCH)		22590	22520	20690	20740	20720	22550	170	170	170	170	170	120
AVERAGE RPM		94.3	93.9	94.0	94.3	94.2	94.0	238	238	238	238	238	238
F.O. METER (END OF WATCH)		1194 3970	1194 6680	1194 9130	1195 1630	1195 4250	1193 6990	051 135	051 135	051 135	051 135	051 135	051 135
F.O. CONSUMED		2700	2710	2450	2500	2620	2740	720	720	720	720	720	720
PRESSURES	THROTTLE	420	420	420	420	420	420	720	720	720	720	720	720
	H.P. AHEAD	420	420	420	420	420	420	150	150	150	150	165	165
	L.P. AHEAD	23.5	23.5	23.5	23.5	22	21	58	8	6.0	9.0	9	5.0
	VACUUM	29.3	29.5	29.4	29.3	29.5	29.5	4.8	5.8	5.0	7.0	5.4	4.0
	L.O. TO TURBINES	12.2	12.2	12.2	12.2	12.2	12.2	90	90	95	90	100	100
	AUX. STEAM	135	135	135	130	150	160	80	80	85	80	95	95
	BACK PRESSURE	9	9	9	9	9	9	300	300	305	305	310	305
	GLAND STEAM	.2	.2	.2	.2	.2	.2	295	295	295	300	305	295
	H.P. BLEEDER	70	70	70	70	70	70						
	L.P. BLEEDER	6	6	6	6	6	6						
TEMPERATURES	L.P. BLEEDER	12"	12"	12"	12"	12"	12"						
	STEAM AT THROTTLE	720	720	720	720	720	720	460	460	466	460	460	460
	L. P. EXHAUST	98	100	98	98	98	96	110	110	110	125	145	110
	CONDENSATE	96	98	96	96	94	94	.41	.41	.41	.41	.41	.41
	CIRC. WATER IN	66	66	64	64	60	58	83	82	82	81	80	78
	CIRC. WATER OUT	76	76	74	74	72	68	83	82	82	81	80	78
	L.O. TO COOLERS	126	126	126	126	126	126	18	18	18	18	18	18
	L.O. FROM COOLERS	110	110	110	110	108	110	NO. OF BURNERS IN USE	3	3	3	3	3
	TEMPERATURE THRUST BEARING	112	112	112	112	112	110	P	3	3	3	3	3
	FORWARD H.P. ROTOR BEARING	120	120	120	120	120	120	S	3	3	3	3	3
TEMPERATURES	AFT. H.P. ROTOR BEARING	125	125	130	125	126	128	P	51/55	51/55	51/55	51/55	51/55
	FORWARD L.P. ROTOR BEARING	125	125	130	125	130	128	S	51/55	51/55	51/55	51/55	51/55
	AFT. L.P. ROTOR BEARING	125	125	125	125	125	125	CO ₂ % PORT BOILER					
								CO ₂ % STBD. BOILER					
								OIL LEVEL MAIN SUMP	2'	2'	2'	2'	2'

GENERATORS												FUEL - WATER AND LUBE OIL					
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	METER AT NOON	METER PREVIOUS NOON	CONSUMED BY METER	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED
1200 TO 1600	3	1200	460	720	8	130	108		64	1000	1000	235	11956990	11941270	15720		
	4	1200	460	720	10	135	114		44	850	850	235					
1600 TO 2000	3	1200	460	720	8	130	108		64	900	900	235					
	4	1200	460	720	10	135	116		44	900	900	235					
2000 TO 2400	3	1200	460	720	8	130	108		64	900	900	235					
	4	1200	460	720	10	135	114		44	900	900	235					
2400 TO 0400	3	1200	460	720	8	130	108		64	900	900	235					
	4	1200	460	720	10	135	116		44	900	900	235					
0400 TO 0800	3	1200	460	720	8	132	110		64	1000	1000	235					
	4	1200	460	720	10	135	118		44	1100	1100	235					
0800 TO 1200	3	1200	460	720	8	132	110		64	1000	1000	235					
	4	1200	460	720	10	135	118		44	1100	1100	235					
												FUEL OIL					
												DOMESTIC WATER					
												LUBE OIL					
												DIESEL OIL					
												LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)					
												L.O. CENTRIFUGE - HOURS OPERATED					
												1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
												4	4	3 3/4	2 3/4	4 3/4	4
												SUMMARY					
												RUNNING TIME	PROPELLER SLIP (%)				
												DETENTION TIME	BBL FUEL/MI				
												TOTAL REVOLUTIONS	WIND DIRECTION				
												AVERAGE R.P.M.	STATE OF SEA				
												TOTAL MILES BY ENGINE	STATE OF WEATHER				
												TOTAL MILES BY					

REMARKS

1200-1600 WATCH

STEAMING ON 18 NOZZLES MACH IN OPERATION. #3+4 BIR, F.O. BLOWERS, #3+4 S.S. GEN, L.O. AIR FIVE
Mn AIR COMP, STRD STEERING MTR; PUMPS: #3+4 ELCC Mn FEED, Mn CIRC, #3 Mn COND, #3+4 ELCC
F.O. SER, ELCC L.O. SER; SET CLOCKS, TESTED TELEGRAPH & THROTTLE @ 1200. CHANGED & CLEANED
#2 F.O. BURNER + STBD F.O. DISCH STRAINER. PUMPED BILGES, MADE INSPECTIONS OF MACH
& SPACES. PUMPED SULLERS UP FROM #2 P&S D.B. PUT TEMPORARY PATCH ON S.W. LEAK
ON DISCH OF ELCC FIRE PUMP

WATCH ENGR'S SIGNATURE-

Philip R. Lema

1600-2000 WATCH

UNDERWAY ON 18 NOZZLES MACH IN OPERATION AS BEFORE. BLOW TUBES IN #3+4 BIRS
CHANGE & CLEAN #3 F.O. BURNER CLEAN F.O. STRAINER. PUMP BILGES. ENG RM. SHARP
ALLEY & EVAP. RM.

WATCH ENGR'S SIGNATURE-

J. Karsten

2000-2400 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY AS BEFORE. CHANGED &
CLEANED F.O. BURNERS + DISCH. STRAINER. PUMPED BILGES. COMPLIED
WITH COMSTS. ADVANCED CLOCK 20 MIN @ 2300.

WATCH ENGR'S SIGNATURE-

J. Harris

2400-0400 WATCH

STEAMING ON 18 NOZZLES. MACH IN OPERATION AS BEFORE. CHANGED & CLEANED #1
F.O. BURNER + F.O. STRD DISCH STRAINER. PUMPED BILGES. MADE INSPECTIONS OF
MACH & SPACES. ADVANCED CLOCK 20 MIN @ 0100. HELD ENG CASUALTY DRILL
B-14 FROM 0100 TO 0130 FOUR MEN PRESENT. BRIDGE NOTIFIED. PUMPING UP SULLERS
FROM #5 P&S D.B.

WATCH ENGR'S SIGNATURE-

Philip R. Lema

0400-0800 WATCH

UNDERWAY ON 18 NOZZLES. MACHINERY IN OPERATION AS BEFORE. CHANGE & CLEAN
F.O. ~~BURNER~~ ^{#4} ~~STRAINER~~ CLEAN SULL. STRAINER. CLOCKS AHEAD 20 MIN @ 0500.
HELD ENG. CASUALTY DRILL B-14 FROM 0500 TO 0530 FOUR MEN PRESENT BRIDGE NOTIFIED

WATCH ENGR'S SIGNATURE-

J. Karsten

0800-1200 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. BLOW
TUBES ON PORT & STBD BILGES & EVAP. CHANGED & CLEANED F.O. BURNER
& DISCH. STRAINER. HELD ENG. CASUALTY DRILL B-14 FROM 0900 TO 0930
4 MEN PRESENT BRIDGE NOTIFIED. COMPLIED WITH COMSTS. ADVANCED. PUMPED
BILGES. #2 EVAP. SER. @ 1113. REMOVED LARKING 1/2" NIPPLE IN COOLING WATER
LINE TO #3 SPRING BEARING. STBD.

WATCH ENGR'S SIGNATURE-

J. Harris

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS F-564	HOURS F-2339
W-2337	W-2339
AWL 8.15	AWL 7.01
T-AWL 11.10	T-AWL 10.51
SAL. 4.56	SAL. 3.31
PHOS. 30	PHOS. 30
R-ph 10.5	R-ph 10.5

CHIEF ENGR'S SIGNATURE-

Philip R. Lema

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
GEN JOHN POPP	7-1	SASERO	SAN FRANCISCO	P-2-G	MAR 9-10 67

		WATCH						WATCH								
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			
RUNNING TIME		240	240	220	220	220	240	HOTTEST GEAR BEARING FORWARD		146	150	142	146	150	142	
DETENTION TIME		-	-	-	-	-	-	HOTTEST GEAR BEARING AFT		138	137	138	138	140	138	
REVOLUTION COUNTER (END OF WATCH)		2343 0850	2345 3790	2347 4630	2349 5670	2351 6490	2353 9020	AUX. COND. CONDENSATE		90/40	90/86	88/86	86/84	84/84	85/85	
TOTAL REVOLUTIONS (FOR WATCH)		22760	22940	23140	20840	20620	22530	1ST STAGE FEED WATER HEATER		170	170	170	170	170	170	
AVERAGE RPM		94.8	95.6	95.6	94.7	93.7	93.9	D. C. FEED WATER HEATER		238	238	238	238	238	238	
F.O. METER (END OF WATCH)		1145 9690	1146 2370	1146 4810	1146 7270	1146 9660	1147 2420	3RD STAGE FEED WATER HEATER		1051 135	1051 135	1051 135	1051 135	1051 135	1051 135	
F.O. CONSUMED		2700	2680	2440	2460	2490	2760	SUPER HEAT		P 720 S 720	725	725	725	725	725	
PRESSURES		THROTTLE	420	420	420	420	420	420	F.O. TO BURNERS		165	165	165	165	165	165
		H.P. AHEAD	420	420	420	420	420	420	AIR TO FURNACE		P 8.2 S 5.0	8.2	8.0	8.0	8.6	8.0
		L.P. AHEAD	24	24	24	23.5	23	23	F.O. TEMP. IN SETTLING TANKS		P 100 S 100	95	100	100	95	100
		VACUUM	29.4"	29.4	29.5	29.5	29.5	29.3	PORT BOILER UPTAKE		305	315	310	305	310	310
		L.O. TO TURBINES	12.2	12.2	12.2	12.2	12.2	12.4	STBD. BOILER UPTAKE		300	295	295	295	300	295
		AUX. STEAM	150	150	150	150	150	150	F. O. BACK PRESSURE							
		BACK PRESSURE	9	9	9	9	9	9	MAIN STEAM		460	460	460	460	460	460
		GLAND STEAM	.2	.2	.2	.2	.2	.2	F.O. TO BURNERS		110	110	110	110	110	110
		H.P. BLEEDER	70	70	70	70	70	70	MAIN COND. SALINITY		41	41	41	41	41	41
		I.P. BLEEDER	6	6	6	6	6	6	ENGINE ROOM TEMPERATURE		79	78	78	77	78	80
L.P. BLEEDER	12"	12"	12"	12"	12"	12"	FIRE ROOM TEMPERATURE		79	78	78	77	78	80		
TEMPERATURES		STEAM AT THROTTLE	125	125	125	125	125	125	NOZZLES IN USE		18	18	18	18	18	18
		L. P. EXHAUST	96	96	96	92	94	98	NO. OF BURNERS IN USE		P 3 S 3	3	3	3	3	3
		CONDENSATE	94	94	92	90	94	98	BURNER TIP SIZE		P 5 1/55 S 5 1/55	5 1/55	5 1/55	5 1/55	5 1/55	5 1/55
		CIRC. WATER IN	60	60	58	57	60	62	CO. & PORT BOILER							
		CIRC. WATER OUT	70	72	70	68	72	74	CO. & STBD. BOILER							
		L.O. TO COOLERS	126	126	126	126	126	126	OIL LEVEL MAIN SUMP		2'	2'	2'	2 1/8"	2'	2'
		L.O. FROM COOLERS	110	110	110	110	110	110								
		TEMPERATURE THRUST BEARING	112	110	110	110	110	112								
		FORWARD H.P. ROTOR BEARING	120	120	120	120	120	120								
		AFT. H.P. ROTOR BEARING	120	124	130	125	126	130								
FORWARD L.P. ROTOR BEARING	125	125	130	125	125	130										
AFT. L.P. ROTOR BEARING	125	125	125	125	125	125										

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
1200 TO 1600	3	1200	460	715	8	132	110		64	800	800	235	1197 2420	1195 6990	15430		
	4	1200	460	715	10	132	116		44	1100	1100	235					
1600 TO 2000	3	1200	460	725	8	135	110		64	950	950	235					
	4	1200	480	725	10	135	118		45	950	950	235					
2000 TO 2400	3	1200	460	725	8	132	110		64	950	950	235					
	4	1200	460	725	10	135	116		45	950	950	235					
2400 TO 0400	3	1200	460	725	8	130	110		64	900	900	235					
	4	1200	460	725	10	132	116		45	850	850	235					
0400 TO 0800	3	1200	480	725	8	132	110		64	1000	1000	235					
	4	1200	460	725	10	135	118		45	950	950	235					
0800 TO 1200	3	1200	460	725	8	132	118		64	1000	1000	235					
	4	1200	460	725	10	135	116		45	950	950	235					
												FUEL OIL					
												DOMESTIC WATER					
												LUBE OIL					
												DIESEL OIL					
												LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)					
												L.O. CENTRIFUGE - HOURS OPERATED					
												SUMMARY					
												RUNNING TIME					
												DETENTION TIME					
												TOTAL REVOLUTIONS					
												AVERAGE R.P.M.					
												TOTAL MILES BY ENGINE					
												TOTAL MILES BY					

REMARKS

1200-1600 WATCH

STEAMING ON 18 NOZZLES. MACHY IN OPERATION: #3+4 R/R, F.O. Glow, #3+4 SS. Gey, L.O. P. 12 (ion Mn Air comp, STRD STEERING MTR; Pumps: #3+4 elec F.O. SDR, Elec L.O. SDR, #3 Mn cond, Mn circ, #3+4 Elk Mn Feed. Set clocks + Tested Telegraph & THROTTLE @ 1200. CHANGED & CLEANED #2 F.O. BURNER + STRD F.O. DISCH STRAINER. MADE INSPECTIONS OF MACHY & SPACES. Pumped SETHERS UP FROM #5 P/S D.B. ELK & STBY L.O. SDR pumps in good operating condition (PER \$4700.7)

WATCH ENGR'S SIGNATURE-

Philip R. Simon

1600-2000 WATCH

UNDERWAY ON 18 NOZZLES. MACHINERY IN OPERATION AS BEFORE. BLOW TUBES IN #3+4 BOILERS. CHARGE + CLEAN #3 F.O. BURNER. CLEAN F.O. SUCT. STRAINER. PUMP SHAFT ALLEY BILGES. SEA CLEAN ENG. RM. BILGES. MAINTAIN SAFE LEVEL.

WATCH ENGR'S SIGNATURE-

H. Karsten

2000-2400 WATCH

UNDERWAY 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. CHANGED & CLEANED F.O. BURNER + DISCH STRAINER. ADVANCED CLOCK 20 MIN. @ 2300. Pumped Bilges, Complied with Scouts. \$700.7.

WATCH ENGR'S SIGNATURE-

F. Harman

2400-0400 WATCH

STEAMING ON 18 NOZZLES MACHY IN OPERATION AS BEFORE. CHANGED & CLEANED #1 F.O. BURNER + STRD F.O. DISCH STRAINER. ADVANCED CLOCK 20 MIN @ 0100. Pumped up SETHERS FROM #5 P/S D.B. MADE INSPECTIONS OF MACHY & SPACES. Pumped shaft alley Bilges.

WATCH ENGR'S SIGNATURE-

Philip R. Simon

0400-0800 WATCH

UNDERWAY ON 18 NOZZLES MACH. IN OPERATION AS BEFORE. CHANGED & CLEANED #4 F.O. BURNER. ADD COMPOUND TO #3 R/R. #9+11'S. REVIEW GAUGE GLASS ON #3 R/R (BOTTOM GLASS). ADVANCE CLOCK 20 MIN. @ 0500.

WATCH ENGR'S SIGNATURE-

H. Karsten

0800-1200 WATCH

UNDERWAY 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. BLOW TUBES ON PORT & STBD. BILGES @ 0800. CHANGED & CLEANED F.O. BURNER + DISCH STRAINER. Pumped shaft alley Bilges. Complied with Scouts \$700.7.

WATCH ENGR'S SIGNATURE-

F. Harman

CHIEF ENGINEER

BOILER WATER READINGS

TEMP	PORT
587	2363
W-1310	W-2363
9.34	6.42
13.43	9.43
4.97	3.31
PHOS. 4.0	PHOS. 3.0
R.ph 12.5	R.ph 12.5

CHIEF ENGR'S SIGNATURE-

F. Harman

USNS GEN JOHN POPE VOYAGE NO. 7-i FROM SASEBO TO SAN FRANCISCO TYPE OF VESSEL R2-G DATE Mar 10-16 67

		WATCH						WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS	TEMPERATURES	MACH. PARTICULARS (CONT'D)											
	TEMPERATURES	TEMPERATURES (CONT'D)											
	TEMPERATURES	TEMPERATURES (CONT'D)											
	TEMPERATURES	TEMPERATURES (CONT'D)											
	TEMPERATURES	TEMPERATURES (CONT'D)											
	TEMPERATURES	TEMPERATURES (CONT'D)											
	TEMPERATURES	TEMPERATURES (CONT'D)											
	TEMPERATURES	TEMPERATURES (CONT'D)											
	TEMPERATURES	TEMPERATURES (CONT'D)											
	TEMPERATURES	TEMPERATURES (CONT'D)											
	TEMPERATURES	TEMPERATURES (CONT'D)											
PRESSURES	THROTTLE	420	420	420	420	420	420	420	420	420	420	420	420
	H.P. AHEAD	420	420	420	420	420	420	420	420	420	420	420	420
	L.P. AHEAD	23.5	22.5	20	20.0	20	20	4.0	7	5.0	6.8	8.6	6.5
	VACUUM	29.2	29.4	29.4	29.3	29.4	29.5	5.24	6	4.0	5.0	5.8	5.0
	L.O. TO TURBINES	12.2	12.5	12.5	12.2	12.5	12.4	100	100	100	110	108	104
	AUX. STEAM	150	142	145	140	140	145	90	100	100	115	118	126
	BACK PRESSURE	9	9	9	9	9	9	320	305	310	315	320	310
	GLAND STEAM	.2	.2	.2	.2	.2	.2	305	295	295	305	310	295
	H.P. BLEEDER	70	70	70	70	70	70	F.O. BACK PRESSURE					
	I.P. BLEEDER	6	6	6	6	6	6	MAIN STEAM	460	460	460	460	460
TEMPERATURES	L.P. BLEEDER	12"	12"	12"	12"	12"	12"	F.O. TO BURNERS	125	125	125	125	125
	STEAM AT THROTTLE	720	720	725	725	725	725	MAIN COND. SALINITY	.41	.41	.41	.41	.41
	L.P. EXHAUST	96	96	96	94	90	92	ENGINE ROOM TEMPERATURE	80	78	78	79	78
	CONDENSATE	94	92	90	90	82	86	FIRE ROOM TEMPERATURE	80	78	78	79	78
	CIRC. WATER IN	62	59	58	58	58	56	NOZZLES IN USE	18	18	18	18	18
	CIRC. WATER OUT	72	70	70	70	70	66	NO. OF BURNERS IN USE	P 3	3	3	3	3
	L.O. TO COOLERS	126	126	126	124	128	124	S 3	3	3	3	3	3
	L.O. FROM COOLERS	110	110	110	110	112	110	BURNER TIP SIZE	P 5/55	5/55	5/55	5/55	5/55
	TEMPERATURE THRUST BEARING	112	110	108	108	112	110	S 5/55	5/55	5/55	5/55	5/55	5/55
	FORWARD H.P. ROTOR BEARING	120	120	120	120	120	120	CO ₂ % PORT BOILER					
TEMPERATURES	AFT. H.P. ROTOR BEARING	125	126	126	125	125	130	CO ₂ % STBD. BOILER					
	FORWARD L.P. ROTOR BEARING	125	130	130	125	125	128	OIL LEVEL MAIN SUMP	2'	2'	2'	2'	2'
	AFT. L.P. ROTOR BEARING	125	125	125	125	125	125						

GENERATORS											FUEL - WATER AND LUBE OIL					
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	METER AT NOON	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND
1200 TO 1600	3	1200	460	720	8	130	108	63	63	1000	1000	235	11989370			
	4	1200	460	720	10	134	116	44	44	950	950	235	11972420			
1600 TO 2000	3	1200	460	720	8	132	110		64	1000	1000	235	16950			
	4	1200	460	720	10	135	118		45	950	950	235				
2000 TO 2400	3	1200	460	725	8	132	110		64	900	900	235				
	4	1200	460	715	10	135	114		45	930	930	235				
2400 TO 0400	3	1200	460	715	8	132	110		64	850	850	235				
	4	1200	460	715	10	132	116		45	1000	1000	235				
0400 TO 0800	3	1200	460	725	8	132	110		63	1000	1000	235				
	4	1200	460	725	10	135	118		45	1100	1100	235				
0800 TO 1200	3	1400	460	725	8	130	108		64	1000	1000	235				
FUEL OIL											DOMESTIC WATER					
											LUBE OIL					
											DIESEL OIL					
											LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)					
											L.O. CENTRIFUGE - HOURS OPERATED					
											1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
											4	4	4	4	4	4
											SUMMARY					
											RUNNING TIME		PROPELLER SLIP (%)			
											DETENTION TIME		BBL FUEL/MI			
											TOTAL REVOLUTIONS		WIND DIRECTION			
											AVERAGE R.P.M.		STATE OF SEA			
											TOTAL MILES BY ENGINE		STATE OF WEATHER			
											TOTAL MILES BY					

REMARKS

1200-1600 WATCH

STEAMING ON 18 NOZZLES MACHY IN OPERATION: #3+4 BLR, F.O. BLOWERS, #3+4 S.S. GEN, L.O. Purifier, Mx Air Comp, STD STEERING MTR; Pumps: #3+4 ELV Mx Fd, Mx CIRC, #3 Mx COND, ELV L.O. SER, #3+4 ELV F.O. SER. SET Clocks + Test on Throttle + Telegraph @ 1200 CHANGED + CLEANED #2 F.O. BURNER + STD F.O. DISCH STRAINER. Pumped up settlers from #5 P+S D.B. MADE INSPECTIONS of MACHY + SPACES. EVAP #2 L.T. off @ 1345

WATCH ENGR'S SIGNATURE-

Philip R. Simon

1600-2000 WATCH

UNDERWAY ON 18 NOZZLES. MACHINERY IN OPERATION AS BEFORE. BLOW TUBES IN #3+4 BLS. CLEAN #3 F.O. BURNER. CLEAN F.O. SUCT. STRAINER. #3 BLR. BOTT BLOW THRU EVAP. ZHS.

MUF #2-P = 3 DROPS

" #2-S = 3 "

WATCH ENGR'S SIGNATURE-

H. Kauten

2000-2400 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. CHANGED + CLEANED F.O. BURNER + DISCH STRAINER. Complied with COMSTS 4700.7. Pumped shaft alley bilges.

WATCH ENGR'S SIGNATURE-

F. Harris

2400-0400 WATCH

STEAMING ON 18 NOZZLES MACHY IN OPERATION AS BEFORE. CHANGED + CLEANED #1 F.O. BURNER + STD F.O. DISCH STRAINER. PUMPED UP SETTLERS FROM #5 + D.B. MADE INSPECTIONS of MACHY + SPACES

WATCH ENGR'S SIGNATURE-

Philip R. Simon

0400-0800 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. CHANGE + CLEAN #4 F.O. BURNER. CLEAN F.O. SUCT. STRAINER. COMPLIED WITH COMSTS 4700.7. ADD #9+15 COMP. TO #4 BLR. BOTTOM BLOW #3 BLR THRU EVAP PUMP SHAFT ALLEY BILGES + PUMP ENG. RM. BILGE TO SAFE LEVEL. ADD PACKING TO BILGE PUMP. MUF #2-P = 3 DROPS. MUF #2-S = 3 DROPS.

WATCH ENGR'S SIGNATURE-

H. Kauten

0800-1200 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. BLOW TUBES #4 on Port + std. BLOWERS @ 0800. CHANGED + CLEANED F.O. BURNER + DISCH STRAINER. Complied with COMSTS 4700.7. Pumped Bilges.

WATCH ENGR'S SIGNATURE-

F. Harris

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
OURS F 611	HOURS F - 2381
W 2334	W - 2357
AKL 3.50	AKL 9.34
T-AVL 5.84	T-AKL 13.43
SAL. 3.31	SAL. 4.14
PHOS. 20	PHOS. 40
R-ph 10	R-ph 11

CHIEF ENGR'S SIGNATURE-

Philip R. Simon

USNS GEN JOHN POPE VOYAGE NO. 7-1 FROM SASERO TO SAN FRANCISCO TYPE OF VESSEL P-2-G DATE MAR 10-11-67

		WATCH								WATCH								
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			
RUNNING TIME		240	240	240	240	240	240			HOTTEST GEAR BEARING FORWARD	145	150	140	146	148	140		
DETENTION TIME		-								HOTTEST GEAR BEARING AFT	136	140	136	136	140	136		
REVOLUTION COUNTER (END OF WATCH)		2369 6410	2371 8830	2374 7210	2374 3510	2378 6060	2380 8300			AUX. COND. CONDENSATE	82 80	84	84	82	86	82		
TOTAL REVOLUTIONS (FOR WATCH)		22360	22420	22380	22300	22550	22440			1ST STAGE FEED WATER HEATER	170	170	170	170	165	165		
AVERAGE RPM		93.2	92.5	93.3	92.9	94.0	93.5			D. C. FEED WATER HEATER	238	236	236	238	238	238		
F.O. METER (END OF WATCH)		1199 2260	1199 5130	1199 5130	1200 0610	1200 3330	1200 6220			3RD STAGE FEED WATER HEATER	051 135	051 135	051 135	051 135	051 135	051 135		
F.O. CONSUMED		2890	2870	2760	2720	2920	2890											
PRESSURES	THROTTLE	420	420	420	420	420	420	BOILER PARTICULARS	TEMPERATURES	SUPER HEAT	P	730	725	725	720	730	735	
	H.P. AHEAD	420	420	420	420	420	420			S	730	725	725	720	730	735		
	L.P. AHEAD	20	21	20	20	20	20			F.O. TO BURNERS		165	165	175	175	175	180	
	VACUUM	29.5	29.5	29.5	29.5	29.5	29.7			AIR TO FURNACE	P	8.2	7.0	7.0	7.0	8.0	5.0	
	L.O. TO TURBINES	12.3	12.3	12.4	12.4	12.3	12.3			S	5.5	5.5	5.0	4.6	5.6	4.0		
	AUX. STEAM	145	145	150	150	150	140			F.O. TEMP. IN SETTLING TANKS	P	100	100	100	100	100	100	
	BACK PRESSURE	9	9	9	9	9	9			S	100	90	104	100	95	100		
	GLAND STEAM	.2	.2	.2	.2	.2	.2			PORT BOILER UPTAKE		315	310	315	315	325	315	
	H.P. BLEEDER	70	70	70	70	70	70			STBD. BOILER UPTAKE		300	300	300	300	310	305	
	I.P. BLEEDER	6	6	6	6	6	6			F. O. BACK PRESSURE								
L.P. BLEEDER	12"	12	12"	12"	12	12"	MAIN STEAM		460	460	460	460	460	460	460			
TEMPERATURES	STEAM AT THROTTLE	725	725	725	725	730	735	MISCELLANEOUS	PRESSURES	F.O. TO BURNERS		125	125	125	115	125	110	
	L. P. EXHAUST	94	94	92	92	94	92			MAIN COND. SALINITY		41	41	41	41	41	41	
	CONDENSATE	84	87	86	86	86	86			ENGINE ROOM TEMPERATURE		77	74	74	76	76	80	
	CIRC. WATER IN	54	56	54	54	54	54			FIRE ROOM TEMPERATURE		77	74	74	76	76	80	
	CIRC. WATER OUT	66	68	68	66	66	66			NOZZLES IN USE		18	18	18	18	18	18	
	L.O. TO COOLERS	126	126	126	126	126	126			NO. OF BURNERS IN USE	P	3	3	3	3	3	3	
	L.O. FROM COOLERS	110	110	110	110	110	110			S	3	3	3	3	3	3		
	TEMPERATURE THRUST BEARING	112	112	110	110	110	110			BURNER TIP SIZE	P	5 1/65	5 1/55	5 1/55	5 1/55	5 1/65	5 1/55	
	FORWARD H.P. ROTOR BEARING	120	122	120	120	120	120			S	5 1/65	5 1/55	5 1/55	5 1/55	5 1/55	5 1/55	5 1/55	
	AFT. H.P. ROTOR BEARING	125	125	130	125	124	124			CO. % PORT BOILER								
	FORWARD L.P. ROTOR BEARING	125	127	128	125	125	125			CO. % STBD. BOILER								
	AFT. L.P. ROTOR BEARING	120	125	125	125	125	125			OIL LEVEL MAIN SUMP		2'	2'	2'	2'	2'	2'	

GENERATORS											FUEL - WATER AND LUBE OIL					
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	WATER	LUBE OIL	DIESEL OIL
1200 TO 1600	4	1200	460	730	10	132	116		45	1200	1200	235	METER AT NOON	12 00 6220	ON HAND AT START OF DAY	
													METER PREVIOUS NOON	11 58 9370	EVAPORATED OR RECEIVED	
													CONSUMED BY METER	16850	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	4	1200	460	725	10	132	116		45	1200	1200	235	ON HAND AT START OF DAY		CONSUMED	
													EVAPORATED OR RECEIVED		ON HAND	
													ON HAND		RECEIVED	
													CONSUMED		ON HAND	
2000 TO 2400	4	1200	460	725	10	132	116		45	1050	1050	235	ON HAND AT START OF DAY		CONSUMED	
													EVAPORATED OR RECEIVED		ON HAND	
													ON HAND		RECEIVED	
													CONSUMED		ON HAND	
2400 TO 0400	4	1200	460	720	10	130	114		45	1000	1000	235	ON HAND AT START OF DAY		CONSUMED	
													EVAPORATED OR RECEIVED		ON HAND	
													ON HAND		RECEIVED	
													CONSUMED		ON HAND	
0400 TO 0800	4	1200	460	730	10	132	116		45	1000	1000	235	ON HAND AT START OF DAY		CONSUMED	
													EVAPORATED OR RECEIVED		ON HAND	
													ON HAND		RECEIVED	
													CONSUMED		ON HAND	
0800 TO 1200	4	1200	460	730	10	132	116		45	1000	1000	235	ON HAND AT START OF DAY		CONSUMED	
													EVAPORATED OR RECEIVED		ON HAND	
													ON HAND		RECEIVED	
													CONSUMED		ON HAND	

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

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

SUMMARY

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

REMARKS

1200-1600 WATCH

STEAMING ON 18 NOZZLES MACHY IN OPERATION: #3 & 4 RIR, F.D. BLOWERS, #4 S.S. GEN, L.O. PUMP, M.A. AND COMP, STD STEERING MTR; Pumps: #3 & 4 M.A. (2000), ELA L.O. SEC, #3 & 4 ELA F.D. SEC, M.A. SEC, #3 M.A. COND. SET CLACKS + TESTED TELEGRAPH + THEATRE @ 1200. CHANGED + CLEANED #2 F.O. BURNER + STD F.O. DISCH STRAINER. Pumped Bilges + MADE INSPECTIONS OF MACHY + SPACES. Pumped settlers from #6 P.S. D.B. 1325 TRIP. #3 S.S. GEN OFF BOARD. 1330 SECURED SAME. Electricians working on same.

WATCH ENGR'S SIGNATURE-

A. E. P. R. Lima

1600-2000 WATCH

UNDERWAY ON 18 NOZZLES. MACHINERY IN OPERATION AS BEFORE. BLOW TUBES IN #3 + 4 B.L.P.S. CLEAN + CHANGE #3 F.O. BURNER. CLEAN F.D. SUCT. STRAINER. BDP BACK TO TOP HULL CLACK #3 B.L.P. AND #7 RIR COMP TO #3 RIR. PEROCK BILGE PUMP. TURN STEAM ON #7 P + S + F.D. B. TANKS @ 1630.

#2 MUF S = 3 DROPS

#2 " P = 3 DROPS

WATCH ENGR'S SIGNATURE-

H. Harsten

2000-2400 WATCH

UNDERWAY 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. CHANGED + CLEANED F.O. BURNER + DISCH. STRAINER. Supplied Bilge Pump. Accomplished with results 4700. Pumped Bilges.

WATCH ENGR'S SIGNATURE-

L. Harris

2400-0400 WATCH

STEAMING ON 18 NOZZLES MACHY IN OPERATION AS BEFORE. CHANGED + CLEANED #1 F.O. BURNER + STD F.O. DISCH STRAINER. Pumped Bilges + MADE INSPECTIONS OF MACHY + SPACES. Pumped up settlers from #6 P.S. D.B.

WATCH ENGR'S SIGNATURE-

A. E. P. R. Lima

0400-0800 WATCH

UNDERWAY ON 18 NOZZLES. MACH. IN OPERATION AS BEFORE. CHANGE + CLEAN F.O. #3 - #4 BURNERS. CLEAN SUCT. STRAINER. TAKE HEAD OFF #7 STD. D.B. F.O. TANK. BOIL. BLOW THRU F.V.P. #1 ELA. (142)

#2 MUF S = 4 DROPS.

#2 MUF P = 3 DROPS.

WATCH ENGR'S SIGNATURE-

H. Harsten

0800-1200 WATCH

UNDERWAY 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. BLOW TUBES ON #2 + STD. Bilges @ 0800. CHANGED + CLEANED F.O. BURNER + DISCH STRAINER. Pumped Bilges. Accomplished with results 4700. Stby @ 0908 Due To Weather.

WATCH ENGR'S SIGNATURE-

L. Harris

CHIEF ENGINEER

BOILER WATER READINGS

SEED	PORT	STBD
HOURS F. 24.1	HOURS F. 23.5	
W 24.4	W 23.5	
AKL 8.18	AKL 7.59	
T-AKL 11.17	T-AKL 9.93	
SAL. 4.17	SAL. 4.14	
PHOS. 30	PHOS. 30	
R.ph 11	R.ph 10	

CHIEF ENGR'S SIGNATURE-

A. E. P. R. Lima

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope	7-1	SASCO	San Francisco	P-2-G	Mar 11-12-67

WATCH							WATCH						
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	220	240	HOTTEST GEAR BEARING FORWARD	146	150	140	146	148	140
DETENTION TIME	-	-	-	-	-	-	HOTTEST GEAR BEARING AFT	136	140	136	136	140	136
REVOLUTION COUNTER (END OF WATCH)	2383 0940	2385 3180	2387 3550	2389 3980	2391 4290	2393 4680	AUX. COND. CONDENSATE	82	84	82	82	84	82
TOTAL REVOLUTIONS (FOR WATCH)	22440	22240	20570	20430	20310	22170	1ST STAGE FEED WATER HEATER	170	165	145	165	165	145
AVERAGE RPM	93.5	92.7	92.6	92.9	91.9	92.5	D. C. FEED WATER HEATER	238	238	238	238	238	238
F.O. METER (END OF WATCH)	1200 8780	1201 1190	1201 3910	1201 6540	1201 9010	1202 1270	3RD STAGE FEED WATER HEATER	HP LP	051 135	051 135	051 135	051 135	051 135
F.O. CONSUMED	2560	2410	2720	2630	2470	2660	SUPER HEAT	P	725	730	735	725	720
PRESSURES	THROTTLE	420	420	420	420	420	S	725	730	735	725	720	740
	H.P. AHEAD	420	420	420	420	420	F.O. TO BURNERS	180	180	180	180	180	180
	L.P. AHEAD	19.5	19.8	20	20	20.9	AIR TO FURNACE	HP LP	5.0 4.0	5.4 4.14	6.0 5.0	6.2 4.8	6.2 4.8
	VACUUM	29.6	29.6	29.8	29.8	30	F.O. TEMP. IN SETTLING TANKS	P	100	102	100	100	100
	L.O. TO TURBINES	12.2	12.5	12.4	12.4	12.4	S	100	97	100	100	100	100
	AUX. STEAM	150	145	145	145	140	PORT BOILER UPTAKE	300	305	315	325	315	305
	BACK PRESSURE	9	9	9	9	9	STBD. BOILER UPTAKE	295	295	300	310	305	295
	GLAND STEAM	.2	.2	.2	.2	.2	F.O. BACK PRESSURE						
	H.P. BLEEDER	70	70	70	70	70	MAIN STEAM	460	460	460	460	460	460
	L.P. BLEEDER	6	6	6	6	6	F.O. TO BURNERS	115	130	120	145	140	130
TEMPERATURES	L.P. BLEEDER	12"	12"	12"	12"	12"	MAIN COND. SALINITY	.41	.41	.41	.41	.41	.41
	STEAM AT THROTTLE	725	730	735	730	720	ENGINE ROOM TEMPERATURE	79	78	78	77	76	77
	L. P. EXHAUST	96	96	92	96	96	FIRE ROOM TEMPERATURE	79	78	78	77	76	77
	CONDENSATE	86	87	86	86	87	NOZZLES IN USE	18	18	18	18	18	18
	CIRC. WATER IN	54	56	54	54	54	NO. OF BURNERS IN USE	P	3	3	3	3	3
	CIRC. WATER OUT	66	66	64	64	66	S	3	3	3	3	3	3
	L.O. TO COOLERS	124	126	126	126	126	BURNER TIP SIZE	P	51/55	51/55	51/55	51/55	51/55
	L.O. FROM COOLERS	110	110	110	110	110	S	51/55	51/55	51/55	51/55	51/55	51/55
	TEMPERATURE THRUST BEARING	110	112	108	110	110	CO. % PORT BOILER						
	FORWARD H.P. ROTOR BEARING	120	120	120	120	120	CO. % STBD. BOILER						
MISCELLANEOUS	AFT. H.P. ROTOR BEARING	125	124	124	124	124	OIL LEVEL MAIN SUMP	2'	2'	2'	2'	2'	2'
	FORWARD L.P. ROTOR BEARING	125	130	126	125	125							
	AFT. L.P. ROTOR BEARING	125	125	125	125	125							

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			DOMESTIC WATER			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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
1200 TO 1600	4	1200	460	725	10	132	114		45	1100	1100	235		12021670	12006220	15450																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</

REMARKS

1200-1600 WATCH

STEAMING ON 18 NOZZLES MACHY IN OPERATION: #3+4 BLR, F.O. Blowers, #4 SS Gen, #2 L.O. Purifier, Mx. for air comp, STD steaming mch; Pumps: #3+4 clc mch Fd, clc L.O. Ssr, #3+4 clc F.O. Ssr, Mx. circ, #3 Mx. cond. Set clocks + Tested Telegraph & Thr. @ 1200. Changed & cleaned #2 F.O. Burner + STD F.O. DISCH STRAINER. Pumped Bilges & MADE inspection of machy & spaces. Pumped up Settlers from #6 (Port) D.B. ✓ @ 1150. STAY @ 1320 B/D Bridge due to poor visibility.

WATCH ENGR'S SIGNATURE-

Philip R. Simon

1600-2000 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. BLOW TUBES IN #3 & #4 BLRS. CHANGE & CLEAN #3 & #4 BURNERS. 1H @ 1738 #4 BLR BOTTOM BLOW THRU LUMP. (34RS) COMPLIED WITH COMISTS #700.7. #2 MUF. P = 3 DROPS. #2 MUF. S = M.T.

WATCH ENGR'S SIGNATURE-

H. Karsten

2000-2400 WATCH

UNDERWAY 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. Changed & cleaned F.O. Burner & Disch. strainer. Complied with, COMISTS #700.7. Pumped Bilges. Advanced clock 20 min. @ 2300.

WATCH ENGR'S SIGNATURE-

F. Harris

2400-0400 WATCH

STEAMING ON 18 NOZZLES MACHY IN OPERATION AS BEFORE CHANGED & CLEANED #1 F.O. BURNER + STD. F.O. STRAINER. Pumped Bilges & MADE INSPECTIONS OF MACHY & SPACES. ADVANCED clock 20 min @ 0100. Pumped up Settlers from #6 & D.B.

WATCH ENGR'S SIGNATURE-

Philip R. Simon

0400-0800 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. CHANGE & CLEAN #4 F.O. BURNER. CLEAN F.O. SUCT STRAINER. BOTTOM BLOW #4 BLR THRU LUMP. ADVANCE CLOCK 20 MIN. 0500. BOTT. BLOW #4 BLR. (34RS) ADD COMPOUND TO #4 BLR.

#2 MUF - S - 4 DROPS

#2 MUF - P - 3 DROPS.

WATCH ENGR'S SIGNATURE-

H. Karsten

0800-1200 WATCH

UNDERWAY 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. BLOW Tubes on Port & Stbd. Boilers @ 0800. Ssr. L.O. Purifier @ 0830 for cleaning & painting. Changed & cleaned F.O. Burner & Disch. strainer. Complied with COMISTS. #700.7 Pumped Bilges. Liff. off M.U.F. Evap. Stbd. Boiler on QNT. BLOW TO M.U.F. Evap. @ 1030.

WATCH ENGR'S SIGNATURE-

F. Harris

CHIEF ENGINEER

ENGINE WATER READINGS

ENGINE	PORT
BOILER #1 - 65.9	BOILER #2 - 24.35
W - 23.22	W - 24.35
AWL 7.59	4.08
T-AWL 10.57	7.01
SAL. 7.87	SAL. 5.80
PHOS. 30	PHOS. 15
R.ph 10.5	R.ph 10

CHIEF ENGR'S SIGNATURE-

Philip R. Simon

USNS GEN JOHN POPE	VOYAGE NO. 7-i	FROM SASEBO	TO SAN FRANCISCO	TYPE OF VESSEL P-2-G	DATE MAR 12-13-67
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WATCH							WATCH						
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	220	240	HOTTEST GEAR BEARING FORWARD	145	145	140	146	148	142
DETENTION TIME	-						HOTTEST GEAR BEARING AFT	135	135	136	136	140	133
REVOLUTION COUNTER (END OF WATCH)	2395 8450	2398 8680	2430 9010	2402 1620	2404 2190	2406 4590	AUX. COND. CONDENSATE	82	82	84	82	82	82
TOTAL REVOLUTIONS (FOR WATCH)	21970	22230	20350	20610	20520	22480	1ST STAGE FEED WATER HEATER	160	165	165	165	165	165
AVERAGE RPM	91.5	91.8	82.4	93.7	93.2	73.6	D. C. FEED WATER HEATER	238	238	238	238	238	238
F.O. METER (END OF WATCH)	1202 4390	1202 7030	1202 9360	1203 1630	1203 4460	1203 7550	3RD STAGE FEED WATER HEATER	051 135	051 135	051 135	051 135	051 135	051 135
F.O. CONSUMED	2720	2640	2330	2670	2630	2890	SUPER HEAT	P 740 S 740	740	735	730	720	735
MACHINERY PARTICULARS	PRESSURES	THROTTLE	423	420	420	420	420	F.O. TO BURNERS	180	180	180	180	180
		H.P. AHEAD	423	420	420	420	420	AIR TO FURNACE	P 5.8 S 4.0	4.2	5.5	5.8	6
		L.P. AHEAD	18.5	22	20	20	20	F.O. TEMP. IN SETTLING TANKS	P 100 S 100	106	100	100	100
		VACUUM	29.8	30	29.8	30	29.8	PORT BOILER UPTAKE	315	310	305	315	315
		L.O. TO TURBINES	122	125	124	122	125	STBD. BOILER UPTAKE	300	285	275	300	305
		AUX. STEAM	145	135	145	145	145	F.O. BACK PRESSURE					
		BACK PRESSURE	9	9	9	9	9	MAIN STEAM	460	460	460	460	460
		GLAND STEAM	.2	.2	.2	.2	.2	F.O. TO BURNERS	120	130	125	140	150
		H.P. BLEEDER	70	70	70	70	70	MAIN COND. SALINITY	.41	.41	.41	.41	.41
		I.P. BLEEDER	6	6	6	6	6	ENGINE ROOM TEMPERATURE	80	78	80	79	77
MACHINERY PARTICULARS	TEMPERATURES	L.P. BLEEDER	12"	12"	12"	12"	12"	FIRE ROOM TEMPERATURE	80	78	80	79	77
		STEAM AT THROTTLE	725	740	735	730	720	NOZZLES IN USE	18	18	18	18	18
		L. P. EXHAUST	92	92	92	92	92	NO. OF BURNERS IN USE	P 3 S 3	3	3	3	3
		CONDENSATE	86	86	86	86	86	BURNER TIP SIZE	P 5 1/55 S 5 1/55	5 1/55	5 1/55	5 1/55	5 1/55
		CIRC. WATER IN	53	55	54	54	56	CO. % PORT BOILER					
		CIRC. WATER OUT	64	66	65	64	66	CO. % STBD. BOILER					
		L.O. TO COOLERS	124	126	126	126	126	OIL LEVEL MAIN SUMP	2'	2'	2'	2'	2'
		L.O. FROM COOLERS	109	126	110	110	110						
		TEMPERATURE THRUST BEARING	110	110	110	110	110						
		FORWARD H.P. ROTOR BEARING	120	110	122	122	122						
MACHINERY PARTICULARS	TEMPERATURES	AFT. H.P. ROTOR BEARING	125	122	125	124	124						
		FORWARD L.P. ROTOR BEARING	122	124	128	125	127						
		AFT. L.P. ROTOR BEARING	120	127	125	122	125						

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
1200 TO 1600	4	1200	460	725	10	130	114		45	1100	1100	235	12037560	12021670	15880	
1600 TO 2000	4	1200	460	740	10	132	114		450	1050	1050	235				
2000 TO 2400	4	1200	460	730	10	130	112		45	1050	1050	235				
2400 TO 0400	4	1200	460	730	10	130	112		45	1000	1000	235				
0400 TO 0800	4	1200	460	720	10	132	112		45	1150	1150	235				
0800 TO 1200	3	1200	460	735	8	130	110		44	1200	1200	235				
											FUEL OIL					
											DOMESTIC WATER					
											LUBE OIL					
											DIESEL OIL					
											LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)					
											L.O. CENTRIFUGE - HOURS OPERATED					
											SUMMARY					
											RUNNING TIME					
											DETENTION TIME					
											TOTAL REVOLUTIONS					
											AVERAGE R.P.M.					
											TOTAL MILES BY ENGINE					
											TOTAL MILES BY					

REMARKS

1200-1600 WATCH

STEAMING ON 18 NOZZLES. MACHY IN OPERATION. #3+4 BLR, F.O. BLOWERS, #4 S.S. COND, No Air comp, STD STEERING MTR; Pumps: #3+4 Elec FO, Elec L.O. SCR, #3+4 Elec F.O. SCR, Mucias, #3 Ma COND, M.U. EVAP. CHANGED & CLEANED #2 F.O. BURNER + STD F.O. DISCH STRAINER. Pumped Bilges & MADE INSPECTIONS OF MACHY & SPACES. Pumped up settlers from #7P'S D.B. Set clocks + Tides Telegraph & Throttle @ 1200. STD BLR ON CONT. Blow to M.U. EVAP

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

UNDERWAY ON 18 NOZZLES. MACHINERY IN OPERATION AS BEFORE. BLOW TUBES IN #3+4 BLRS. SECURE CONT. BOTT BLOW ON #3 BLR @ 1610. START CONT. BOTT. BLOW IN #4 BLR @ 1645. ADD COMP. #9+15 TO #3 BLR. CHANGE + CLEAN #3 F.O. BURNER

#2 MUF. PORT = 3 DROPS

#2 MUF. STBD = 3 DROPS

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

UNDERWAY 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. CHANGED + CLEANED F.O. BURNER + DISCH. STRAINER. Complied with COMSTS. 4300? Pumped Bilges. Advanced clocks 20 min @ 2300. Port BLOW ON CONT. BLOW.

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

STEAMING ON 18 NOZZLES. MACHY IN OPERATION AS BEFORE. CHANGED & CLEANED #1 F.O. BURNER + STD F.O. STRAINER. Pumped Bilges & MADE INSPECTIONS OF MACHY & SPACES. ADVANCED CLOCKS 20 MIN @ 0100. Pumped up settlers from #7P'S D.B. Held ENG CASUALTY DRILL B-15 from 0100-0130. 4 MEN PRESENT. BRIDGE NOTIFIED

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

UNDERWAY ON 18 NOZZLES. MACH IN OPERATION AS BEFORE. CHANGE + CLEAN #3+4 F.O. BURNERS. CLEAN F.O. SUCT. STRAINER. ADVANCE CLOCKS 20 MIN @ 0500. HELD ENG CASUALTY DRILL B-15 FROM 0500 TO 0530. 4 MEN PRESENT. BRIDGE NOTIFIED. SECURE CONT. BOTT. BLOW #4 BLR 0415. START CONT. BOTT. BLOW ON #3 BLR. ADD #9 + 15 COMP. TO #4 BLR.

#2 MUF. P = 3/DR.

#2 MUF. S = 4/DR.

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

UNDERWAY 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. BLOW TUBES ON PORT + STBD. BLOWERS @ 0800. CHANGED + CLEANED F.O. BURNER + DISCH. STRAINER. Complied with COMSTS. 4300? Held Eng. Casualty Drill B-15 from 0830-1000. 4 MEN PRESENT. Bridge Notified. Started #3 S.S. COND @ 0915. Pumped Bilges. BLOW DOWN M.U.F. EVAP. #3 BLOW ON CONT. BLOW. #3 S.S. COND ON LINE @ 1035. #4 OFF LINE S.S. COND @ 1040. Elect. Blowing #4 @ 1040.

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

ENGINE WATER READING

PORT	STBD
F-623	F-2459
W-2406	W-2459
4.08	4.06
6.80	6.42
2.07	
15	30
R.ph 10.5	R.ph 10.5

CHIEF ENGR'S SIGNATURE-

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
GEN JOHN POP		7-1		SASERO		SAN FRANCISCO		P-2-G		MAR 13-14-67			
		WATCH						WATCH					
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200	
RUNNING TIME		240		240		220		220		22		240	
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)		2408		2410		2413		2415		2417		2419	
TOTAL REVOLUTIONS (FOR WATCH)		2260		2260		2080		2077		2232		2232	
AVERAGE RPM		94.3		94.4		94.6		94.4		94.1		94.1	
F.O. METER (END OF WATCH)		0250		0290		0340		0390		0440		0490	
F.O. CONSUMED		2700		2640		2510		2560		2550		2720	
PRESSURES		THROTTLE		420		420		420		420		420	
		H.P. AHEAD		420		420		420		420		420	
		L.P. AHEAD		20.5		20		21		21		23	
		VACUUM		29.8		30		29.8		29.6		29.6	
		L.O. TO TURBINES		12.3		12.5		12.4		12.4		12.4	
		AUX. STEAM		140		145		145		140		140	
		BACK PRESSURE		9		9		9		9		9	
		GLAND STEAM		12		12		12		12		15	
		H.P. BLEEDER		70		70		70		70		70	
		L.P. BLEEDER		6		6		6		6		6	
		L.P. BLEEDER		12"		12"		12"		12"		12"	
TEMPERATURES		STEAM AT THROTTLE		725		735		740		735		735	
		L. P. EXHAUST		92		92		92		92		90	
		CONDENSATE		86		87		88		88		90	
		CIRC. WATER IN		54		54		54		54		54	
		CIRC. WATER OUT		64		66		66		66		68	
		L.O. TO COOLERS		126		126		126		126		126	
		L.O. FROM COOLERS		110		110		110		110		110	
		TEMPERATURE THRUST BEARING		110		112		110		110		110	
		FORWARD H.P. ROTOR BEARING		120		122		122		120		120	
		AFT. H.P. ROTOR BEARING		122		122		125		124		125	
		FORWARD L.P. ROTOR BEARING		125		130		130		125		127	
		AFT. L.P. ROTOR BEARING		125		122		125		125		125	
MISCELLANEOUS		MAIN COND. SALINITY		41		41		41		41		41	
		ENGINE ROOM TEMPERATURE		82		76		76		77		78	
		FIRE ROOM TEMPERATURE		82		76		76		77		78	
		NOZZLES IN USE		18		18		18		18		18	
		NO. OF BURNERS IN USE		3		3		3		3		3	
		BURNER TIP SIZE		5/55		5/55		5/55		5/55		5/55	
		CO ₂ % PORT BOILER											
		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP		2'		2'		2'		2'		2'	

REMARKS

1200-1600 WATCH

STEAMING ON 18 NOZZLES. MACHY IN OPERATION. P+S BLS, F.O. Blowers, #3 S.S. Gens, M. Air comp, STD STEERING MTR, Pumps #3+4 elec Fd, MNCIRC, #3 MNCND, elec L.O. SOR, #3+4 elec F.O. SOR. Set clocks + Tested Telegraph + theottle @ 1200. Pumped Bilges + made inspections of MACHY + spaces. Pumped up settlers from #7 P+S D.B. #3 BIR on CONT Blow To M.W. Evap. STBY + FIRE Drill @ 1305 1/2 SECURE @ 1320, Boat Drill @ 1321 1/2, SECURE @ 1328. #4 @ 1331. Elec Fire pump operated + TESTED. CHANGED + CLEANED #2 F.O. BURNER + STD F.O. DISCH STRAINER.

WATCH ENGR'S SIGNATURE.

Philip R. Seiman

1600-2000 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. BLOW TUBES IN #3+4 BLS. SECURE BLS. BLOW DOWN EVAP. CHANGE + CLEAN #3+4 F.O. BURNERS. ADD #9+15 COMP. TO #3 BIR. START LO PURIFIER @ 1635

#2 MUE P = 3/DR.

#2 MUE S = 3/DR.

2000-2400 WATCH

UNDERWAY 18 NOZZLES MACHINERY IN OPERATION AS BEFORE CHANGED + CLEANED F.O. BURNER + DISCH STRAINER. Complied with Comsts. 4700.7. Pumped Bilges Advanced clock 20 min @ 2300. Pumped Ashes on L.O. SPINNER SIGHT GLASSES ON #4 S.S. G.W.

WATCH ENGR'S SIGNATURE.

H. Kauter

2400-0400 WATCH

STEAMING ON 18 NOZZLES. MACHY IN OPERATION AS BEFORE CHANGED + CLEANED #1 F.O. BURNER + STD F.O. DISCH STRAINER. Pumped Bilges + MADE INSPECTIONS OF MACHY + SPACES. Pumped up settlers from #7 P+S D.B. Advanced clock 20 min @ 0100. Took L.O. samples from L.O. Purifier for analysis

WATCH ENGR'S SIGNATURE.

H. Kauter

0400-0800 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE CHANGE + CLEAN #3+4 F.O. BURNERS. CLEAN SUCT. STRAINER (F.O.) ADVANCE CLOCK 20 MIN @ 0500. ADD COMPOUND TO #3 BIR. TOOK BIR. WATER SAMPLES.

WATCH ENGR'S SIGNATURE.

Philip R. Seiman

#2 MUE P = 3/DR.

#2 MUE S = 3/DR.

0800-1200 WATCH

UNDERWAY 18 NOZZLES MACHINERY IN OPERATION AS BEFORE EXCEPT SSG. Evap. Blow Tubes on Port + STD Bilges @ 0800. Pumped Bilges. Complied with Comsts. 4700.7. CHANGED + CLEANED F.O. BURNER + DISCH STRAINER.

WATCH ENGR'S SIGNATURE.

H. Kauter

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE.

H. Harris

BOILER WATER READINGS

STB'D	PORT
HOURS F-707	HOURS F-2483
W-2430	W-2483
AKL 8.18	AKL 8.18
T-AKL 11.68	T-AKL 11.63
SAL. 2.49	SAL. 3.31
PHOS. 40	PHOS. 30
R.ph 10.5	R.ph 11

CHIEF ENGR'S SIGNATURE.

H. Harris

		WATCH								WATCH							
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		
RUNNING TIME		240	240	220	220	220	240	MACH. PARTICULARS (CONT'D) TEMPERATURES (CONT'D)		HOTTEST GEAR BEARING FORWARD	145	150	142	146	148	142	
DETENTION TIME		-	-	-	-	-	-			HOTTEST GEAR BEARING AFT	138	142	138	138	138	138	
REVOLUTION COUNTER (END OF WATCH)		2421 8010	2424 1020	2426 2060	2428 3130	2430 4160	2432 6850			AUX. COND. CONDENSATE	86	86	86	86	88	86	
TOTAL REVOLUTIONS (FOR WATCH)		22840	23060	21030	21080	21030	22690			1ST STAGE FEED WATER HEATER	165	165	165	165	165	170	
AVERAGE RPM		95.2	95.8	95.6	95.8	95.6	94.6			D. C. FEED WATER HEATER	238	236	236	238	238	238	
F.O. METER (END OF WATCH)		1205 5700	1205 8170	1206 6420	1206 2770	1206 5140	1206 7350			3RD STAGE FEED WATER HEATER	HP .051 LP .135	.051 135	.051 135	.051 135	.051 135	.051 135	
F.O. CONSUMED		2470	2470	2250	2350	2370	2590			BOILER PARTICULARS TEMPERATURES		SUPER HEAT	P 740 S 740	735 735	740 740	730 730	735 735
PRESSURES		THROTTLE	420	420	420	420	420	420	F.O. TO BURNERS			180	180	180	180	180	180
		H.P. AHEAD	420	420	420	420	420	420	AIR TO FURNACE			2P 4.8 2S 4.0	5.8 4.4	5.2 4.5	4.8 5	5.0 4.5	
		L.P. AHEAD	24	23	23	23	24	24	F.O. TEMP. IN SETTLING TANKS			P 100 S 100	102 100	100 100	100 100	100 100	
		VACUUM	29.3	29.5	29.5	29.3	29.3	29.5	PORT BOILER UPTAKE			310	305	315	310	310	305
		L.O. TO TURBINES	12.5	12.5	12.4	12.3	12.5	12.4	STBD. BOILER UPTAKE			300	295	300	305	305	295
		AUX. STEAM	150	145	140	140	140	140	F.O. BACK PRESSURE								
		BACK PRESSURE	9	9	9	9	9	9	MAIN STEAM			460	420	460	460	460	460
		GLAND STEAM	.2	.2	.2	.2	.2	.2	F.O. TO BURNERS			120	120	125	125	120	120
		H.P. BLEEDER	70	70	70	70	70	70	MAIN COND. SALINITY			.41	.41	.41	.41	.41	.41
I.P. BLEEDER	6	6	6	6	6	6	ENGINE ROOM TEMPERATURE	83	77	77	78	79	78				
L.P. BLEEDER	12"	12"	12"	12"	12"	12"	FIRE ROOM TEMPERATURE	83	77	77	78	79	78				
TEMPERATURES		STEAM AT THROTTLE	740	735		735	735	NOZZLES IN USE	18	18	18	18	18	18			
		L. P. EXHAUST	92	94	92	92	92	92	NO. OF BURNERS IN USE	P 3 S 3	3 3	3 3	3 3	3 3			
		CONDENSATE	86	88	86	90	90	90	BURNER TIP SIZE	P 51/65 S 51/65	51/65 51/65	51/65 51/65	51/65 51/65	51/65 51/65			
		CIRC. WATER IN	56	54	54	56	56	56	CO ₂ % PORT BOILER								
		CIRC. WATER OUT	67	70	68	68	68	68	CO ₂ % STBD. BOILER								
		L.O. TO COOLERS	126	126	126	126	126	126	DIL LEVEL MAIN SUMP	2'	2'	2'	2'	2'	2'		
		L.O. FROM COOLERS	110	110	110	110	110	110									
		TEMPERATURE THRUST BEARING	110	110	110	110	110	112									
		FORWARD H.P. ROTOR BEARING	120	120	122	122	122	122									
AFT. H.P. ROTOR BEARING	125	126	125	125	125	125											
FORWARD L.P. ROTOR BEARING	125	127	128	128	128	128											
AFT. L.P. ROTOR BEARING	125	125	125	125	125	125											

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		DOMESTIC WATER		
1200 TO 1600	3	1200	460	740	8	134	108		63	1100	1100	235	METER AT NOON	12067730	ON HAND AT START OF DAY		
													METER PREVIOUS NOON	12053230	EVAPORATED OR RECEIVED		
1600 TO 2000	3	1200	460	735	8	132	110		63	1200	1200	235	CONSUMED BY METER	14500	ON HAND		
													ON HAND AT START OF DAY		CONSUMED		
2000 TO 2400	3	1200	460	740	8	132	110		64	1100	1100	235	RECEIVED DURING DAY		ON HAND AT START OF DAY		
													EXPENDED DURING DAY		RECEIVED		
2400 TO 0400	3	1200	460	735	8	132	110		64	1250	1250	235	REMAINING ON BOARD		ON HAND		
													ON HAND AT START OF DAY		CONSUMED		
0400 TO 0800	3	1200	460	735	8	132	110		64	1400	1400	235	EVAPORATED OR RECEIVED		ON HAND		
													ON HAND		RECEIVED		
0800 TO 1200	3	1200	460	735	8	132	110		64	1600	1600	235	CONSUMED		CONSUMED		
													LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)				
L.O. CENTRIFUGE - HOURS OPERATED																	
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200										
		4	4	3 3/4	3 3/4	4	4										
SUMMARY																	
RUNNING TIME												PROPELLER SLIP (%)					
DETENTION TIME												BBL FUEL/MI					
TOTAL REVOLUTIONS												WIND DIRECTION					
AVERAGE R.P.M.												STATE OF SEA					
TOTAL MILES BY ENGINE												STATE OF WEATHER					
TOTAL MILES BY																	

REMARKS

1200-1600 WATCH

STEAMING ON 18 NOZZLES MACHINERY IN OPERATION: #3+4 B/R, #3 SSG, F.O. Blowers, L.O. Purifier, M₂ Air Comp, STD STEERING MTR; Pumps: #3+4 Elec Fd, Elec L.O. SOR, #3+4 Elec F.O. SOR, M₂ Circ, #3 M₂ Cond. Set clocks + Tested Throttle & Telegraph @ 1200. CHANGED & CLEANED #2 F.O. BURNER + STD & PORT F.O. DISCH STRAINERS. Pumped Bilges & MADE INSPECTIONS OF MACHINERY & SPACES. Pumped up Settlers from #7 & D.B.

WATCH ENGR'S SIGNATURE-

Philip R. Lima

1600-2000 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. BLOW TUBES IN #3+4 B/R'S. CHANGED + CLEAN #2+4 PUMPERS (F.O.) CLEAN F.O. SUCT STRAINER CLEAN #3+4 DISCHARGE F.O. STRAINERS. REPAIR B/R. GAGE GLASS.

WATCH ENGR'S SIGNATURE-

H. Kristen

2000-2400 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. CHANGED + CLEANED F.O. BURNER + STRAINERS supplied with BURNERS 47000. Pumped Bilges. Advanced Clock 20 min @ 1300.

WATCH ENGR'S SIGNATURE-

F. Martin

2400-0400 WATCH

STEAMING ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. CHANGED & CLEANED #1 F.O. BURNER + STD & PORT F.O. DISCH STRAINERS. Pumped Bilges & MADE INSPECTIONS OF MACHINERY & SPACES. Advanced clocks 20 min @ 0100. Pumped up Settlers from #7 & D.B.

WATCH ENGR'S SIGNATURE-

Philip R. Lima

0400-0800 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. CHANGED + CLEAN #3+4 F.O. BURNERS. CLEAN P/S DISCHARGE F.O. STRAINER & F.O. SUCT STRAINER. ADVANCE CLOCKS 20 MIN @ 0500

WATCH ENGR'S SIGNATURE-

H. Kristen

0800-1200 WATCH

UNDERWAY ON 18 NOZZLES MACHINERY IN OPERATION AS BEFORE. BLOW TUBES ON PORT & STBD. Bilges @ 0800. Stby @ 0804 Due to weather. CHANGED + CLEANED F.O. BURNER & STRAINERS. supplied with BURNERS 47000. Pumped Bilges.

WATCH ENGR'S SIGNATURE-

F. Martin

CHIEF ENGINEER

BOILER WATER READINGS

SEB'D	PORT
HOURS F-731	HOURS F-2507
W-2434	W-2507
AKL 8.76	AKL 7.01
T-475 11.18	T-475 9.93
SAL. 4.12	SAL. 4.56
PHOS. 30	PHOS. 30
R.ph 11	R.ph 11

CHIEF ENGR'S SIGNATURE-

Philip R. Lima

USNS GEN JOHN POPE VOYAGE NO. 7-1 FROM SASERO TO SAN FRANCISCO TYPE OF VESSEL P-2-G DATE MAR 15-16-67

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		240	240	240	240	260		HOTTEST GEAR BEARING FORWARD		145	148	142	146	126	
DETENTION TIME		-						HOTTEST GEAR BEARING AFT		138	140	138	138	125	
REVOLUTION COUNTER (END OF WATCH)		2434 9260	2437 1560	2439 3850	2441 6320	2443 8320		AUX. COND. CONDENSATE		86	84	84	66 88	4 80	
TOTAL REVOLUTIONS (FOR WATCH)		22410	22360	22270	22470	18720		1ST STAGE FEED WATER HEATER		165	165	145	165	70	
AVERAGE RPM		93.4	93.0	92.9	93.6	72.6		D. C. FEED WATER HEATER		238	238	234	238	236	
F.O. METER (END OF WATCH)		1207 0260	1207 2780	1207 5260	1207 7810	1207 9610	1208 0460	3RD STAGE FEED WATER HEATER		HP LP 051 135	051 135	051 135	051 135	051 135	
F.O. CONSUMED		2530	2520	2480	2550	1800	790	SUPER HEAT		P S 730 730	730 730	735 735	735 735	625 625	
PRESSURES	THROTTLE	420	420	420	420	420		F.O. TO BURNERS		180	180	180	180	180	
	H.P. AHEAD	420	420	420	420	175		AIR TO FURNACE		7P P 5.0 4.2	7.8 5	5.8 4.0	8.6 5.0	5.0 4.0	
	L.P. AHEAD	24	24	23	24.5	10		F.O. TEMP. IN SETTLING TANKS		P S 100 100	100 100	104 104	100 100	100 100	
	VACUUM	29.0	29.3	29.5	29.5	30		PORT BOILER UPTAKE		310	310	315	315	295	
	L.O. TO TURBINES	12.2	12.5	12.5	12.5	13		STBD. BOILER UPTAKE		305	305	310	310	290	
	AUX. STEAM	140	140	140	140	140		F.O. BACK PRESSURE							
	BACK PRESSURE	9	9	9	9	9		MAIN STEAM		460	460	460	460	460	
	GLAND STEAM	.2	.2	.2	.2	1.0		F.O. TO BURNERS		125	125	125	130	125	
	H.P. BLEEDER	70	70	70	70	-		MAIN COND. SALINITY		.41	.41	.41	.41		
	I.P. BLEEDER	6	6	6	6	-		ENGINE ROOM TEMPERATURE		82	79	80	86	80	
	L.P. BLEEDER	12"	12	12"	12"	-		FIRE ROOM TEMPERATURE		82	79	80	86	80	
	STEAM AT THROTTLE	730	730	735	740	625		NOZZLES IN USE		18	18	18	18	-	
TEMPERATURES	L.P. EXHAUST	94	94	95	96	95		NO. OF BURNERS IN USE		P S 3 3	3 3	3 3	3 3	1 1	
	CONDENSATE	90	90	100	90	82		BURNER TIP SIZE		P S 5 1/55 5 1/55	5 1/55 5 1/55	5 1/55 5 1/55	5 1/55 5 1/55	5 1/55 5 1/55	
	CIRC. WATER IN	56	56	58	56	56		CO. % PORT BOILER							
	CIRC. WATER OUT	66	66	70	68	56		CO. % STBD. BOILER							
	L.O. TO COOLERS	126	126	126	126	122		OIL LEVEL MAIN SUMP		2'	2'	2'	2'	3'	2'
	L.O. FROM COOLERS	110	110	110	110	110									
	TEMPERATURE THRUST BEARING	110	110	112	112	108									
	FORWARD H.P. ROTOR BEARING	120	122	122	120	118									
	AFT. H.P. ROTOR BEARING	125	126	125	125	120									
	FORWARD L.P. ROTOR BEARING	125	127	130	130	120									
	AFT. L.P. ROTOR BEARING	125	125	125	125	136									

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	RECEIVED	CONSUMED		
1200 TO 1600	3	1200	460	730	8	132	110		63	1150	1150	235	12050400	12067730	12670													
1600 TO 2000	3	1200	460	730	8	132	110		63	105	1050	235																
2000 TO 2400	3	1200	440	735	8	128	106		64	1040	1050	235																
2400 TO 0400	3	1200	460	735	8	132	106		64	1100	1100	235																
	4	1200	460	735	10	125	104		48	IDLEING																		
0400 TO 0800	3	1200	460	625	8	132	110		64	1050	1050	235																
	4	1200	460	625	10	130	110		47	IDLEING																		
0800 TO 1200	SLOWED																											

L.O. CENTRIFUGE - HOURS OPERATED					
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4	4	4	0 1/2

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		

REMARKS

1200-1600 WATCH

STEAMING ON 18 NOZZLES. STILL ON STBY DUE TO WEATHER. MACHY IN OPERATION: #3+4 BLR, S.S. Blowers, #3 SS Gen, L.O. Purifier, Mx Air Comp; Pumps: #3+4 elc Fd, Mx Circ, #3 Mx Cond, elc L.O. Ser, elc F.O. Ser. Set clocks + Tested Telegraph @ 1200. CHANGED & CLEANED #2 F.O. Burner + STBD & PORT F.O. DISCH STRAINERS. Pumped Bilges & MADE INSPECTIONS OF MACHY & SPACES. Both elc & STBY L.O. Ser Pumps in O.K. condition per \$4700.7. Eup #2 L.T. off @ 1540

WATCH ENGR'S SIGNATURE-

Philip R. Lema

1600-2000 WATCH

UNDERWAY ON 18 NOZZLES. MACHINERY IN OPERATION AS BEFORE. BLOW TUBES IN #3+4 BLRS. CHANGE & CLEAN #3+4 F.O. BURNERS. CLEAN #3+4 DISCH F.O. STRAINERS. CLEAN F.O. SUCT. STRAINER. COMPLIED WITH COMST #1700.7 PUMP SETTLERS.

#2 MDE-P = 3/00

#2 MDE-S = 3/00

WATCH ENGR'S SIGNATURE-

H. Huston

2000-2400 WATCH

UNDERWAY 18 NOZZLES MACHINERY IN OPERATION AS BEFORE EXCEPT: Started Aux. Cond. + Aux. Circ. Pump + Aux. Disch Exter @ 2100. off Stby @ 2130 H. Changed & Cleaned F.O. Burners + STRAINERS. Complied with Comsts. 4700.7. Pumped Bilges.

WATCH ENGR'S SIGNATURE-

L. Harris

2400-0400 WATCH

STEAMING ON 18 NOZZLES. MACHY IN OPERATION AS BEFORE EXCEPT: Hit off S.S. Gen #4 @ 0200. SAME WORKING. CHANGED & CLEANED #1 F.O. Burner + #3+4 F.O. DISCH STRAINERS. Pumped Bilges & MADE INSPECTIONS OF MACHY & MACHY SPACES. Pumped up settlers from #5 DpTK.

WATCH ENGR'S SIGNATURE-

Philip R. Lema

0400-0800 WATCH

UNDERWAY ON 18 NOZZLES. MACHINERY IN OPERATION AS BEFORE. CUT SPEED TO 70 RPM @ 0521. CHANGE TO 60 RPM @ 0553. STBY @ 0614 DUE TO FOG. LH @ 0747 STBY 0748

WATCH ENGR'S SIGNATURE-

H. Huston

0800-1200 WATCH

MANEUVERING WATER ARRIVAL @ 0800 LTR 24435230 FUM. P. 4094280 S-7985420. FWE @ 1049 LTR 24441730 FUM. P. 4094640 S-7985760. Bulls As Per Bull Book. HALF Astern L.P. Rotov 0.095 H.P. Rotov 0.050. Aux. Power Load Fwd. Ssg. Dft. Eng. Power @ 1130. Main unit ON backing down. Machinery Engagement MIN. + Aux. Circ. Pump no. Pump.

WATCH ENGR'S SIGNATURE-

L. Harris

CHIEF ENGINEER

WATER READINGS

TEMP. SSG

PRESS. PRESS

AIR. AIR

OIL. OIL

SAL. SAL.

PHOS. PHOS.

R.ph R.ph

CHIEF ENGR'S SIGNATURE-

Philip R. Lema