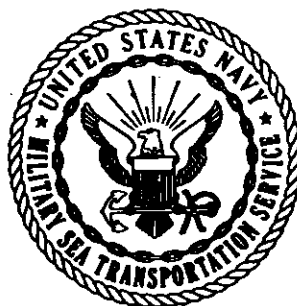


ENGINE ROOM LOG

GEARED TURBINE DRIVE



USNS Gen John Pope

FROM July 1 1966 **TO** July 31 1966

USNS GEN. JOHN POPE (T-AP 110)
c/o Fleet Post Office
San Francisco, California

From: Chief Engineer
To: Engineering Officers

Subj: Machinery Code for Log Books

1. The following Code Letters and Numbers will be used to indicate the Machinery in operation. All machinery not listed shall be logged by name.

MACHINERY

BOILERS (4)
MAIN GENERATORS (4)
MAIN CIRC. PUMP (2)
MAIN COND PUMP (4)
MAIN AIR EJECTOR (RED)
MAIN AIR EJECTOR (GREEN)
AUX. CIRC. PUMP (4)
AUX. COND. PUMP (4)
AUX. AIR EJECTOR (RED)
AUX. AIR EJECTOR (GREEN)
No.1 EVAPORATOR & PUMPS
No.2 EVAPORATOR & PUMPS
FORCED DRAFT BLOWERS (4)
MAIN FEED PUMPS (4)
FUEL OIL SERVICE PUMPS (4)
MAIN AIR COMPRESSOR (2)
CONTROL AIR COMPRESSOR
PORTABLE WATER PUMPS (4)
LUBE OIL SERVICE PUMPS (4)
STBD STEERING GEAR
PORT STEERING GEAR
FIRE & SANITARY PUMPS (4)
LUBE OIL CENTRIFUGE (2)
STBY F.O. SERV. PUMP (2)
STBY F.O. WATER PUMP (2)
BILGE/BALLAST PUMP (2)
SANITARY PUMPS (2)
AIR CONDITION UNIT 1
AC CIRC. PUMP 1
AC CHILL WATER PUMP 1
CONT. EVAP 2
M.U.F. EVAP 2

CODE

B-1, B-2, B-3, B-4
G-1, G-2, G-3, G-4
M-1, M-2
MC-1, MC-2, MC-3, MC-4
ME-R
ME-G
A-1, A-2, A-3, A-4
AC-1, AC-2, AC-3, AC-4
AE-R
AE-G
E-1
E-2
D-1, D-2, D-3, D-4
P-1, P-2, P-3, P-4
F-1, F-2, F-3, F-4
C-1, C-2
C-2
W-1, W-2, W-3, W-4
L-1, L-2, L-3, L-4
S-1
S-2
FS-1, FS-2, FS-3, FS-4
LC-1, LC-2
S.F.O.-1, S.F.O.-2
S.F.W.-1, S.F.W.-2
BB-1, BB-2
SP1-2P2
A. Con-
A.C.C.P
A.C.C.W
Con. E
M.U.F.E.

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAF-110	3-83	Can Rahu Bay, S/Vit.	Yokohama, Japan	P-2-B	7-1-66
WATCH					
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200					
MACH. PARTICULARS (CONT'D)					
TEMPERATURES (CONT'D)					
HOTTEST GEAR BEARING FORWARD					
HOTTEST GEAR BEARING AFT					
AUX. COND. CONDENSATE					
1ST STAGE FEED WATER HEATER					
D. C. FEED WATER HEATER					
3RD STAGE FEED WATER HEATER					
SUPER HEAT					
F.O. TO BURNERS					
AIR TO FURNACE					
F.O. TEMP. IN SETTLING TANKS					
PORT BOILER UPTAKE					
STBD. BOILER UPTAKE					
F. O. BACK PRESSURE					
MAIN STEAM					
F.O. TO BURNERS					
MAIN COND. SALINITY					
ENGINE ROOM TEMPERATURE					
FIRE ROOM TEMPERATURE					
NOZZLES IN USE					
NO. OF BURNERS IN USE					
BURNER TIP SIZE					
CO ₂ % PORT BOILER					
CO ₂ % STBD. BOILER					
OIL LEVEL MAIN SUMP					
PRESSURES					
THROTTLE					
H.P. AHEAD					
L.P. AHEAD					
VACUUM					
L.O. TO TURBINES					
AUX. STEAM					
BACK PRESSURE					
GLAND STEAM					
H.P. BLEEDER					
I.P. BLEEDER					
L.P. BLEEDER					
STEAM AT THROTTLE					
L. P. EXHAUST					
CONDENSATE					
CIRC. WATER IN					
CIRC. WATER OUT					
L.O. TO COOLERS					
L.O. FROM COOLERS					
TEMPERATURE THRUST BEARING					
FORWARD H.P. ROTOR BEARING					
AFT. H.P. ROTOR BEARING					
FORWARD L.P. ROTOR BEARING					
AFT. L.P. ROTOR BEARING					
TEMPERATURES					
HOTTTEST GEAR BEARING FORWARD					
HOTTTEST GEAR BEARING AFT					
AUX. COND. CONDENSATE					
1ST STAGE FEED WATER HEATER					
D. C. FEED WATER HEATER					
3RD STAGE FEED WATER HEATER					
SUPER HEAT					
F.O. TO BURNERS					
AIR TO FURNACE					
F.O. TEMP. IN SETTLING TANKS					
PORT BOILER UPTAKE					
STBD. BOILER UPTAKE					
F. O. BACK PRESSURE					
MAIN STEAM					
F.O. TO BURNERS					
MAIN COND. SALINITY					
ENGINE ROOM TEMPERATURE					
FIRE ROOM TEMPERATURE					
NOZZLES IN USE					
NO. OF BURNERS IN USE					
BURNER TIP SIZE					
CO ₂ % PORT BOILER					
CO ₂ % STBD. BOILER					
OIL LEVEL MAIN SUMP					
PRESSURES					
THROTTLE					
H.P. AHEAD					
L.P. AHEAD					
VACUUM					
L.O. TO TURBINES					
AUX. STEAM					
BACK PRESSURE					
GLAND STEAM					
H.P. BLEEDER					
I.P. BLEEDER					
L.P. BLEEDER					
STEAM AT THROTTLE					
L. P. EXHAUST					
CONDENSATE					
CIRC. WATER IN					
CIRC. WATER OUT					
L.O. TO COOLERS					
L.O. FROM COOLERS					
TEMPERATURE THRUST BEARING					
FORWARD H.P. ROTOR BEARING					
AFT. H.P. ROTOR BEARING					
FORWARD L.P. ROTOR BEARING					
AFT. L.P. ROTOR BEARING					

GENERATORS												FUEL - WATER AND LUBE OIL											
WATCH												FUEL OIL											
GENERATOR NUMBER												METER AT NOON											
R.P.M.												METER PREVIOUS NOON											
STEAM PRESSURE												CONSUMED BY METER											
STEAM TEMP.												ON HAND AT START OF DAY											
L.O. PRESSURE												RECEIVED DURING DAY											
L.O. TO COOLER												EXPENDED DURING DAY											
L.O. FROM COOLER												REMAINING ON BOARD											
TEMP. OF HOTTEST BEARING												ON HAND AT START OF DAY											
L.O. GOVERNOR PRESSURE												EVAPORATED OR RECEIVED											
AMPS POSITIVE												ON HAND											
AMPS NEGATIVE												CONSUMED											
VOLTS												DOMESTIC WATER											
1200 TO 1600												ON HAND AT START OF DAY											
1600 TO 2000												EVAPORATED OR RECEIVED											
2000 TO 2400												ON HAND											
2400 TO 0400												CONSUMED											
0400 TO 0800												DIESEL OIL											
0800 TO 1200												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											
												444											
												SUMMARY											
												RUNNING TIME											
												DETENTION TIME											
												TOTAL REVOLUTIONS											
												AVERAGE R.P.M.											
												TOTAL MILES BY ENGINE											
												TOTAL MILES BY OBSERVATION											
												PROPELLER SLIP (%)											
												BBL FUEL MI											
												WIND DIRECTION											
												STATE OF SEA											
												STATE OF WEATHER											

1200-1600 WATCH

1600-2000 WATCH

2000-2400 WATCH

2400-0400 WATCH

0400-0800 WATCH

0800-1200 WATCH

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE-

WATCH ENGR'S SIGNATURE-

WATCH ENGR'S SIGNATURE-

WATCH ENGR'S SIGNATURE-

WATCH ENGR'S SIGNATURE-

WATCH ENGR'S SIGNATURE-

CHIEF ENGR'S SIGNATURE-

UNDERWAY ON 18 NOZZ. MACHINERY IN OPER. FOLLOWS AS PER MACH. CODE. B-3 & 4
 G-3 & 4, M-2, MC-4, ME-R, D-3 & 4, P-3 & 4, F-3 & 4, C-2, W-2, L-2, S-2, LC-2 AND SP-2.
 CLEANED AND CHANGED F.O. DISCH. STRAINERS. CHECKED M.H. UNIT L.O. STRAINER. BILGES @
 SAFE LEVEL. SPRING BEARINGS NORMAL. CUSTON LINE ON *P-4 LEAKING BADLY. COMPLIED
 WITH NIGHT AND STANDING ORDERS.

CHANGED TO INBD SETTLER @ 0001

Held E/R CASUALTY DRILL "E-6 FIRE IN BILGES (BRIDGE NOTIFIED)"

WATCH ENGR'S SIGNATURE- William W. Leggett

F.O.-INBD

F.W.-#3 &

EVAP-#1/P

DIST. GAL-970

UNDERWAY ON 18 NOZZLES MACH. AS ABOVE. CLEANED FUEL
 OIL SUC STRAINER + AIR REGISTERS. P4 IN THE SAME CONDITION
 LEAKING. CLEANED BILGE SUC STRAINER. 3rd OIL-P3. CARRIED OUT
 NIGHT + STANDING ORDERS. ROUTINE WATCH.

FO INBD

FW #3P

EVAP #3 &

GAL 9700

CHIEF ENGINEER O'HALLORAN 0620-0640.

WATCH ENGR'S SIGNATURE- Henry Berkey

Underway on 18 Nozz. Mach. as before. Blew tubes @ 0805. Slowed down to 80
 RPM. to make minor repairs to *4 P-4. From 0840 to 0910. Secured leaking gauge line
 on B-3 Drum @ 0940. Trans. F.O. from 7P+8d to Inbd + outbd settlers.
 Shifted + cleaned F.O. Disch. Strainers. Pumped Eng. Rm. + shaft Alley Bilges.

F.O.-Inbd

FW-#3 &

EVAP-#3 &

GAL-9,100

WATCH ENGR'S SIGNATURE- Richard C. Lagerman

#3 BOILER #4

1402 ALK

1630 T. ALK

531 CHLO

82 PH. 4

38 SO. 3

11 PH

VS. HRS.

FS. HRS.

41 FW

8 PH 5

41 MW

CHIEF ENGR'S SIGNATURE- J. O'Halloran

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE							
En. John Pope TAF-110		3B		San Pedro Bay, S. Viet.		Yokohama, Japan		P-2-B		7-1-2-66							
		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	320	240	MACH. PARTICULARS (CONT'D)		HOTTEST GEAR BEARING FORWARD		112	112	112	114	114	114
DETENTION TIME								TEMPERATURES (CONT'D)		HOTTEST GEAR BEARING AFT		121	122	122	121	120	
REVOLUTION COUNTER (END OF WATCH)		2720 130	2742 790	2763 070	2783 330	2803 580	2825 250	AUX. COND. CONDENSATE				112	112		108	110	
TOTAL REVOLUTIONS (FOR WATCH)		22830	22660	20280	20230	19920	21970	1ST STAGE FEED WATER HEATER				180	175	175	175	175	170
AVERAGE RPM		95.1	94.4	92.2	92.0	90.5	91.5	D. C. FEED WATER HEATER				240	240	240	240	240	240
F.O. METER (END OF WATCH)		9245 320	9248 120	9255 570	9282 750	9253 300	9257 800	3RD STAGE FEED WATER HEATER									
F.O. CONSUMED		2950	2800	2450	2180	2365	2500	SUPER HEAT		P	735	735	730	730	730	735	
PRESSURES	THROTTLE	430	430	430	435	435	435	S		735	735	730	730	730	735		
	H.P. AHEAD	430	430	430	435	435	435	F.O. TO BURNERS			180	180	180	180	180	180	
	L.P. AHEAD	26	26	21	21.5	21	21	P		130	131	124	125	120	122		
	VACUUM	28.3	28.5	28.5	28.5	28.5	28.5	S		130	130	124	125	120	122		
	L.O. TO TURBINES	14	14	14	14	14	14	P		112	106	110	112	112	110		
	AUX. STEAM	125	125	125	130	125	128	S		106	100	102	108	108	102		
	BACK PRESSURE	10	9	10	10	10	10	PORT BOILER UPTAKE			300	300	300	290	300 290	290 280	
	GLAND STEAM	1.0	1.1	0.2	0	0	0.2	STBD. BOILER UPTAKE			290	290	290	275	290		
	H.P. BLEEDER	80	80	80	80	80	80	F.O. BACK PRESSURE									
	I.P. BLEEDER	7						MAIN STEAM			465	465	465	465	465	465	
	L.P. BLEEDER	10	10	12	10.2	11	12	F.O. TO BURNERS			205 120	230 115	215 160	210 175	220 170	205 140	
	TEMPERATURES	STEAM AT THROTTLE	735	735	730	730	730	735	MAIN COND. SALINITY			0.41	0.41	0.20	0.41	0.41	0.41
L.P. EXHAUST		114	114	110	110	110	110	ENGINE ROOM TEMPERATURE				96	94	95	94	94	
CONDENSATE		112	112	108	109	108	101	FIRE ROOM TEMPERATURE									
CIRC. WATER IN		79	79	78	78	78	74	NOZZLES IN USE			18	18	16	16	16	16	
CIRC. WATER OUT		94	94	91	92	92	87	NO. OF BURNERS IN USE		P	3	3	3	3	3	3	
L.O. TO COOLERS		124	124	126	125	125	124	S		3	3	2	2	2	2		
L.O. FROM COOLERS		110	110	110	110	109	110	BURNER TIP SIZE		P	53/70	53/70	53/70	53/70	53/70	53/70	
TEMPERATURE THRUST BEARING		112	112	112	112	112	112	S		51/55	51/55	51/55	51/55	51/55	51/55		
FORWARD H.P. ROTOR BEARING		122	132	128	122	122	122	CO ₂ % PORT BOILER									
AFT. H.P. ROTOR BEARING		130	130	130	130	130	130	CO ₂ % STBD. BOILER									
FORWARD L.P. ROTOR BEARING		132	132	132	128	128	128	OIL LEVEL MAIN PUMP			NORM.	N.	N	N	N	N	
AFT. L.P. ROTOR BEARING		126	136	126	126	126	126										

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
1200 TO 1600	3	1200	430	735	9	135	115		61	1300	1300
	4	1200	430	735	9.8	148	136		47	1300	1300
1600 TO 2000	3	1200	430	730	9	136	115		61	1250	1250
	4	1200	430	730	9.8	148	136		47	1250	1250
2000 TO 2400	3	1200	430	730	9	133	112		62	1200	1200
	4	1200	430	730	9.8	147	134		47	1200	1200
2400 TO 0400	3	1200	435	730	9	134	116		61	1250	1250
	4	1200	435	730	9.8	147	136		47	1250	1250
0400 TO 0800	3	1200	435	730	9	134	116		61	1200	1200
	4	1200	435	730	9.7	147	136		47	1200	1200
0800 TO 1200	3	1200	435	735	9	132	112		61	1250	1250
	4	1200	435	735							

FUEL - WATER AND LUBE OIL											
FUEL OIL				BOILER WATER				LUBE OIL			
METER AT NOON				ON HAND AT START OF DAY				ON HAND AT START OF DAY			
METER PREVIOUS NOON				EVAPORATED OR RECEIVED				EVAPORATED OR RECEIVED			
CONSUMED BY METER				ON HAND				ON HAND			
ON HAND AT START OF DAY				CONSUMED				CONSUMED			
RECEIVED DURING DAY				ON HAND AT START OF DAY				ON HAND AT START OF DAY			
EXPENDED DURING DAY				RECEIVED				RECEIVED			
REMAINING ON BOARD				ON HAND				ON HAND			
ON HAND AT START OF DAY				CONSUMED				CONSUMED			
EVAPORATED OR RECEIVED				ON HAND				ON HAND			
ON HAND				RECEIVED				RECEIVED			
CONSUMED				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	4	3 2/3	3 2/3	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

Underway on 18 Nozz. Mach. in oper. as follows - B-3 & 4, H-3 & 4, M-2, ME-R, MC-4, FW-3 & 4, D-3 & 4, P-3 & 4, F-3 & 4, C-2, W-2, L-3, S-2, LC-1 and SP-2. Tested Low L. 2 and overspeed trip on FW-3 & 4. Tested STBY L.O. S/Pump. Secured STBY F/Pump @ 1200. Changed to OUTBD Settler @ 1215. Adjusted EVAP- DIST. G-2300. Packing glands on P-3 & 4. Removed rag from STBY E/R Bilge SUT. and reset valve. Bilges are difficult to pump out. Spring bearings normal. Changed and cleaned F.O. Disch. strainers. Permission to blow tubes @ 1515. Made 3 cycles on all tubes. Filled Settlers from #8.

WATCH ENGR'S SIGNATURE-

William T. Leggett

1600-2000 WATCH

Underway on 18 Nozz. Mach. as before. Cleaned fuel oil burners + suc strainers. Pumped bilges + shaft alley. Carried out night + standing orders. Routine maint. Routine watch.

FW #3 & 4

FO OUTBD

EVAP #3 & 4

DIST G-4900

WATCH ENGR'S SIGNATURE-

Henry Beasley

2000-2400 WATCH

Underway on 16 Nozz. Mach. as before. Changed from 18 to 16 Nozz. @ 2000. Secured + removed 1 burner from #3 Boiler @ 2000. Blew out intercondenser + air filters with compressed air on C-2. Oiled Governor linkage on G-3 + G-4. Shifted + inspected L.O. strainers on G-3 + G-4. Shifted + cleaned F.O. strainers (Disch.). Pumped Eng. Rm. + Shaft Alley Bilges. Advanced clock 20 min. @ 2240.

WATCH ENGR'S SIGNATURE-

Richard O. Seggerman

2400-0400 WATCH

Underway on 16 Nozz. Mach. in oper. as before. Cleaned and changed F.O. Disch. strainers. Tested STBY L.O. S/Pump. Changed to INBD Settler @ 0001. Advanced clock 20 min. Spring bearings normal. Bilges @ safe level. Complied with night and standing orders.

FW-

F.O. INBD

EVAP- #3 & 4

DIST G-4700

WATCH ENGR'S SIGNATURE-

William T. Leggett

0400-0800 WATCH

Added 5 gal L.O. to P-4 and 2 gal to P-3. Underway on 16 Nozz. Mach. as before. Cleaned burners + fuel oil suc strainer. Pumped bilges + shaft alley. Installing valve ident. discs. Carried out standing + night orders. Routine watch.

FW INBD

FW #3 & 4

EVAP #3 & 4

G.

WATCH ENGR'S SIGNATURE-

Henry Beasley

0800-1200 WATCH

Underway on 16 Nozz. Mach. as before except: Elect load split between Eng Rms. + G-3 & 4. Secured. Fire warning system tested @ 0806. Blew tubes on B-3 + 4 B/P Bridge @ 0815. Sh. Stand ships Elect. load to G-1 + 2 @ 0820. Shifted Aft. Eng. Rm. load to G-3 @ 0838. Left G-4 running for Chief Elect. to make tests then secured same + broke vacuum @ 0930. Shifted + cleaned F.O. Disch. strainers. Pumped Eng. Rm. + Shaft Alley Bilges. Trans. F.O. from #8 & to INBD + OUTBD Settlers.

FO INBD

FW #3 & 4

EVAP #3 & 4

DIST G-3,000

WATCH ENGR'S SIGNATURE-

Richard O. Seggerman

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE-

J. O. Halloran

#3 #4
11.68 P. ALK 15.77
15.18 T. ALK 19.86
3.31 CHLO 3.79
5.0 PH. 4 50
6.5 SO. 3 71
11 PH 11
WS. HRS. 1
PS. HRS. 1
41 FW 41
7.5 PH 8
141 N. 25 41

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE					
Gen John Pope TAP-110		3B		Cam Ranh Bay, S/Viet.		Yokohama, Japan		P-2-Y		7-2-3-66					
		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			117	116	116	108	108	108
DETENTION TIME										120	120	120	118	116	116
REVOLUTION COUNTER (END OF WATCH)		2847 160	2869 080	2891 110	2912 870	2933 000	2948 680				112	110		104	104
TOTAL REVOLUTIONS (FOR WATCH)		21913	21920	22030	21760	20130	15680			170	170	175	165	100	100
AVERAGE RPM		91.3	91.3	91.8	90.7	83.9	65.3			240	240	240	240	240	240
F.O. METER (END OF WATCH)		2640 660	2263 660	9245 670	9265 010	9270 090	9271 530								
F.O. CONSUMED		2640	2560	2670	2340	2080	1440								
PRESSURES	THROTTLE	430	430	430	440	440	440			P 730 S 730	730	730	725	725	650
	H.P. AHEAD	430	430	430	440	440	205			F.O. TO BURNERS	180	180	180	160	165
	L.P. AHEAD	21	21	21	17	8	7"			P 123 S 123	120	122	116	110	
	VACUUM	28.5	28.5	28.5	28.5	29.	24.5			P 114 S 114	118	110	110	115	110
	L.O. TO TURBINES	14	14	14	14	14	14			PORT BOILER UPTAKE	290		290	280	
	AUX. STEAM	130	125	125	130	125	125			STBD. BOILER UPTAKE	280		280	260	
	BACK PRESSURE	10	10	10	10	10	10			F. O. BACK PRESSURE					
	GLAND STEAM	0	0	0	0	0	.5			MAIN STEAM	465	465	465	465	465
	H.P. BLEEDER	80	80	80	80		75			F.O. TO BURNERS	205/175	205/175	180/130	140/120	180/160
	I.P. BLEEDER									MAIN COND. SALINITY	0.41	.41	.20	0.41	.41
L.P. BLEEDER	12	13	12	14					ENGINE ROOM TEMPERATURE	95	93	94	88	82	
TEMPERATURES	STEAM AT THROTTLE	730	740	730	725	725	650			FIRE ROOM TEMPERATURE					
	L. P. EXHAUST	112	112	110	106	98	94			NOZZLES IN USE	16	14	16	14	10
	CONDENSATE	98	110	108	100	90	98			NO. OF BURNERS IN USE	P 3 S 2	3	3	3	2
	CIRC. WATER IN	75	76	78	70	68	68			BURNER TIP SIZE	P 53/70 S 51/55	53/70	53/70	53/70	53/70
	CIRC. WATER OUT	88	88	92	82	78	78			CO ₂ % PORT BOILER					
	L.O. TO COOLERS	125	126	126	124	124	122			CO ₂ % STBD. BOILER					
	L.O. FROM COOLERS	110	110	110	110	108	110			OIL LEVEL MAIN SUMP	NORM	N.	N.	N	N
	TEMPERATURE THRUST BEARING	112	112	112	110	108	108								
	FORWARD H.P. ROTOR BEARING	123	123	123	122	120	120								
	AFT. H.P. ROTOR BEARING	132	132	132	130	128	128								
FORWARD L.P. ROTOR BEARING	130	130	130	129	120	120									
AFT. L.P. ROTOR BEARING	130	130	130	126	118	118									

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		BOILER WATER		LUBE OIL		DIESEL OIL		
													METER AT NOON	METER PRE- VIOUS NOON	CONSUMED BY METER	ON HAND AT START OF DAY	RECEIVED DURING DAY	EXPENDED DURING DAY	REMAINING ON BOARD	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED
1200 TO 1600	3	1200	430	730	9	131	110		62	1450	1400	240											
	4	1200	430	730	9							240											
1600 TO 2000	3	1200	430	740	9	132	110		62	1360	1350	240											
2000 TO 2400	3	1200	430	730	9	132	110		62	1250	1250	240											
2400 TO 0400	3	1200	440	725	9	128	108		62	1150	1150	240											
0400 TO 0800	3	1200	440	725	9	128	105		62	1300	1300	240											
0800 TO 1200	3	1200	440	650	9	128	110		62	1200	1200	240											
	4	1200	440	650	9.7		110		50														
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													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

Underway on 16 Nozz. Mach. in spec. follows per code - B-3 & 4, G-3, H-2, MC-4, ME-R, D-3 & 4 FW #3 & 4
 P-3 & 4 F-3 & 4 C-2 W-2 L-3 S-2 LC-2 AND SP-2. Cleaned and changed F.O. Disch. Strainers. Tested Stby F.O. - 0.0TB
 L.O. S/Pump, Low L.O. and overspeed trip. Put Stby F/Pump on B-4 @ 1345-1415 while making repairs on EVAP #1/P
 P-4. F.O. Suct. Strainer hold down bolts were replaced in order to secure strainer cover properly. Dist. G-6, 900
 Spring Bearings Normal. Bilges @ Safe Level. Blew Tubes @ 1515 B/P from Bridge. Reinsured water and
 Plates on #4 Aux. L.O. Cooler for inspection.

TRANS. F.O. FROM #2/S TO INBS AND 0.0TB SETTLERS.

WATCH ENGR'S SIGNATURE-

William H. Leggett

1600-2000 WATCH

Underway on 16 Nozz. Mach. as before except 1800 F.O. 0.0TB
 #3 STEAM WASH WATER PUMP IN LINE. DRIVE ON ELECT PUMP NOT FUNCTIONING. FW #3 & 4
 PUMPED BILGES & SHAFT ALLEY. CLEANED SUC STRAINERS. CARRIED EVAP #1/P
 OUT STANDING & NIGHT ORDERS. 1920 WATER TIGHT DOORS CLOSED-BRIDGE. DIST. G-7, 500
 ROUTINE WATCH. NIPPLE LEAKING ON ELEC FRESH WATER PUMP DISC.

WATCH ENGR'S SIGNATURE-

Henry Beeley

2000-2400 WATCH

Underway on 16 Nozz. Mach. as before. Replaced put circ. water heads back on L.O.
 cooler on G-4. Shifted & cleaned F.O. Disch. Strainers. Shifted & inspec. L.O. strainers
 on G-3. Pumped Eng. Rm. & Shaft Alley Bilges. Secured #1 & 2 L.P. Evaps. @ 2400.

WATCH ENGR'S SIGNATURE-

Richard D. Sogge

2400-0400 WATCH

Underway on 14 Nozz. Mach. as before except put AE, A-3 and AC-2 ON FW #3 & 4
 LINE AND SPLIT PLANT @ 0100. Reduced Speed to 14 Nozz. @ 0200 B/O of Bridge. F.O. - INBS
 Cleaned and changed F.O. Disch. Strainers. Tested Stby L.O. S/Pump. SPRING BEARINGS NORMAL.
 Bilges @ Safe Level.
 Complied with Night and Standing orders. Routine Underway Watch.

WATCH ENGR'S SIGNATURE-

William H. Leggett

0400-0800 WATCH

Underway on 14 Nozz. To (0720) - 10 Nozz. 80 RPM/FREY FW #3 & 4
 TESTED BOILER SAFETY VALVES ON DROPPING STEAMING. CLEANED ONE BURNER & F.O. MW 30 #4
 FUEL OIL SUC STRAINERS. PUMPED BILGES & SHAFT ALLEY. CARRIED
 OUT NIGHT & STANDING ORDERS. 0712 - 75 RPM HP-IP-LP CLOSED

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

Underway on 10 Nozz. 60 RPM. @ 0950, Arrival @ 1036 F.W.E. @ 1150
 0810 Fire Warning System tested. 0845 Blew Tubes on B-3 & 4 B/P Bridge. F.O. Inbs
 Shifted & cleaned F.O. Disch. Strainers. started Stby L.O. Pump Idling @ 1000. FW #3-P
 Raised vacuum & started G-4 with no load @ 1030. Secured B-4 Evap.
 @ 1150. Paralled G-3 & 4 Elect. Loads @ 1158. Shifted Elect Load @ 1200 Dist.

WATCH ENGR'S SIGNATURE-

Richard D. Sogge

CHIEF ENGINEER

#3 BOILER #4
 1226P. ALK 1416
 1518T. ALK 3044
 290 CHLO 414
 50 PH. 4 80
 61 SO. 3 71
 11 PH 11
 WS. HRS.
 FS. HRS.
 .41 FW 41
 75 PH 9.5
 .41 MW 25 41

CHIEF ENGR'S SIGNATURE-

J. P. Williams

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
HMS John Pope		B-3		CAN RAHN RAY		YOKOSUKA, JAPAN		P-2-21		7-3-4-66	
WATCH											
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200				
RUNNING TIME											
DETENTION TIME											
REVOLUTION COUNTER (END OF WATCH)						2948					
TOTAL REVOLUTIONS (FOR WATCH)			1948			920		9274			
AVERAGE RPM			820					630			
F.O. METER (END OF WATCH)			9272		9273	9274		74100			
F.O. CONSUMED			500		1060	410		450			
MACHINERY PARTICULARS											
PRESSURES											
THROTTLE											
H.P. AHEAD											
L.P. AHEAD											
VACUUM											
L.O. TO TURBINES											
AUX. STEAM											
BACK PRESSURE											
GLAND STEAM											
H.P. BLEEDER											
L.P. BLEEDER											
L.P. BLEEDER											
STEAM AT THROTTLE											
L. P. EXHAUST											
CONDENSATE											
CIRC. WATER IN											
CIRC. WATER OUT											
L.O. TO COOLERS											
L.O. FROM COOLERS											
TEMPERATURE THRUST BEARING											
FORWARD H.P. ROTOR BEARING											
AFT. H.P. ROTOR BEARING											
FORWARD L.P. ROTOR BEARING											
AFT. L.P. ROTOR BEARING											
TEMPERATURES											
HOTTEST GEAR BEARING FORWARD											
HOTTEST GEAR BEARING AFT											
AUX. COND. CONDENSATE											
1ST STAGE FEED WATER HEATER											
D. C. FEED WATER HEATER											
3RD STAGE FEED WATER HEATER											
SUPER HEAT											
F.O. TO BURNERS											
AIR TO FURNACE											
F.O. TEMP. IN SETTLING TANKS											
PORT BOILER UPTAKE											
STBD. BOILER UPTAKE											
F. D. BACK PRESSURE											
MAIN STEAM											
F.O. TO BURNERS											
MAIN COND. SALINITY											
ENGINE ROOM TEMPERATURE											
FIRE ROOM TEMPERATURE											
NOZZLES IN USE											
NO. OF BURNERS IN USE											
BURNER TIP SIZE											
CO ₂ % PORT BOILER											
CO ₂ % STBD. BOILER											
OIL LEVEL MAIN SUMP											

GENERATORS												FUEL - WATER AND LUBE OIL											
WATCH		GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	METER AT NOON				ON HAND AT START OF DAY					
1200 TO 1600		3	1200	440	740	9	130	115		62	1250	1250	240	METER PREVIOUS NOON				EVAPORATED OR RECEIVED					
		4	1200	440	740	7.8	135	121		50	1250	1250	240	CONSUMED BY METER				ON HAND					
		#3	1300	440	730	9	108	106		62	1280	1250	240	ON HAND AT START OF DAY				CONSUMED					
1600 TO 2000		4	1300	440	730	9.7	134	112		50	1250	1260	240	RECEIVED DURING DAY				ON HAND AT START OF DAY					
		3	1200	440		9	132	110		62	1150	1150	240	EXPENDED DURING DAY				RECEIVED					
2000 TO 2400		4	1200	440		9.8	133	110		50	1150	1150	240	REMAINING ON BOARD				ON HAND					
		3	1200	440		9	108	106		62	1350	1350	240	ON HAND AT START OF DAY				CONSUMED					
2400 TO 0400		4	1200	440		9.8	134	132		49	1260	1250	240	RECEIVED DURING DAY				ON HAND					
		3	1200	440		9	108	106		62	1150	1150	240	EXPENDED DURING DAY				RECEIVED					
0400 TO 0800		4	1200	440		9.8	134	132		50	1150	1150	240	REMAINING ON BOARD				ON HAND					
		3	1200	440		9	108	106		62	1200	1200	240	ON HAND AT START OF DAY				CONSUMED					
0800 TO 1200		4	1200	440		9.7	127	108		50	1200	1200	240	RECEIVED DURING DAY				ON HAND					
		3	1200	440		9	108	106		62	1200	1200	240	EXPENDED DURING DAY				RECEIVED					

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 OBSERVATION			

1200-1600 WATCH

ANCHORED @ YOKOSUKA, JAPAN. MACH. IN OPERATION AS FOLLOWS B-3, B-3+4, M-2, MC-4, ME-R, A-2, AC-2, D-3, P-3, F-3, C-2, W-3, L-3, LC-2 AND SP-2. MN UNIT ON JACKING GEAR. VENTING B-4. ADDING WATER TO B-4 AS NEEDED VIA COMPOUND LINE. MAINT. VAC. ON MN UNIT. F.O. BARGE ALONG SIDE @ 1430. F.O. COM-ING ABOARD @ 1450. PUT STATIC HEAD ON DW/DB FROM #1/P.

EQ OUT

FW #3

JR. Eng/HARDING Relieved of OILERS Duties @ 1400 OILER/DANCE Relieved @ 1420

F.W.T. - WENNER OILER - HARDING

WATCH ENGR'S SIGNATURE -

William H. Leggett

1600-2000 WATCH

AT ANCHOR - YOKOSUKA, JAPAN MACH. AS BEFORE EXCEPT ELECTRIC FW. PUMP REPAIRED + RUNNING. W-3 SECURED. INSTALLED GASKET IN ACTUATING LINE PORTSIDE. VENTED B1-B2-B4 DRUMS. - PUMPED BILGES. CLEANED FUEL OIL SUC. STRAINERS. CARRIED OUT NIGHT + STANDING ORDERS.

FO INBD

FW #3

ROUTINE WATCH.

BROOKS - ELEC.; HANEY - 3RD REEFER - MANNING - OILER; PEASLEE JR. ENG.

WATCH ENGR'S SIGNATURE -

Henry R. Beeley

2000-2400 WATCH

AT ANCHOR - YOKOSUKA MACH. as before. Filled B-1+2 til water showed 4" in lower gage glass. Shifted + changed F.O. Disch. Strainers. Pumped Fwd, Aft., + Shaft Alley Bilges.

F.O. Inbd

F.W. #3

Brooks Elec, Herigstad Reofer, Diers F.W.T., Pursley Oiler. WATCH ENGR'S SIGNATURE -

Richard O. Saggeman

2400-0400 WATCH

AT ANCHOR. MACH AS BEFORE D/FW. IN #1+2 BOILERS.

CARRIED OUT NIGHT + STANDING ORDERS. CLEANED FUEL DISC. STRAINERS. F.O. INBD

ROUTINE WATCH.

FW. #3

BROOKS - ELEC.; HANEY 3RD REEFER; KELLY - OILER; DIERS. FIREMAN.

WATCH ENGR'S SIGNATURE -

William H. Leggett

0400-0800 WATCH

AT ANCHOR MACH AS BEFORE CARRIED OUT NIGHT + STANDING ORDERS. PATCHING LEAKS. ROUTINE WATCH. PUMPED BILGES.

PEASLEE - OILER - HANEY - 3RD REEFER. BROOKS - ELEC.

WATCH ENGR'S SIGNATURE -

Henry Beeley

0800-1200 WATCH

At Anchor - Mach. as before except: Put fire in B-4 to start warming up @ 1115. Equalizing Valve on B-4 Main Steam Stop removed, repairs made, + replaced. Cleaned F.O. Disch. Strainers + Shifted. Pumped Eng. Rm + Shaft Alley Bilges.

Oiler - Pursley, F.W.T. - Diers, Elect. - Porter, Reofer - Herigstad

WATCH ENGR'S SIGNATURE -

Richard O. Saggeman

CHIEF ENGINEER

WENNER - FIREMAN C.C.C. - BUREAU - FAILED TO SHOW UP FOR WATCH

DIERS STOOD ABOVE WATCH.

HUTTON SHOWED NO CAPABILITY OF WORKING. HAD BEEN DRINKING.

Henry R. Beeley

BOILER

#3

935P. ALK

1145T. ALK

290CHLO

45 PH. 4

45 SO. 3

10.5 PH

WS. HRS.

FS. HRS.

41 FW

CHIEF ENGR'S SIGNATURE -

A C. Halloran

USNS *Men John Pope* VOYAGE NO. *3-280* FROM *Yokosuka, Japan* TO *San Francisco, Calif.* TYPE OF VESSEL *P-2-H* DATE *7-4-56*

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
MACH. PARTICULARS (CONT'D)							MACH. PARTICULARS (CONT'D)						
TEMPERATURES (CONT'D)							TEMPERATURES (CONT'D)						
HOTTTEST GEAR BEARING FORWARD							HOTTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE							AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER							1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER							D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER							3RD STAGE FEED WATER HEATER						
SUPER HEAT							SUPER HEAT						
F.O. TO BURNERS							F.O. TO BURNERS						
AIR TO FURNACE							AIR TO FURNACE						
F.O. TEMP. IN SETTLING TANKS							F.O. TEMP. IN SETTLING TANKS						
PORT BOILER UPTAKE							PORT BOILER UPTAKE						
STBD. BOILER UPTAKE							STBD. BOILER UPTAKE						
F. D. BACK PRESSURE							F. D. BACK PRESSURE						
MAIN STEAM							MAIN STEAM						
F.O. TO BURNERS							F.O. TO BURNERS						
MAIN COND. SALINITY							MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE							ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE							FIRE ROOM TEMPERATURE						
NOZZLES IN USE							NOZZLES IN USE						
NO. OF BURNERS IN USE							NO. OF BURNERS IN USE						
BURNER TIP SIZE							BURNER TIP SIZE						
CO ₂ % PORT BOILER							CO ₂ % PORT BOILER						
CO ₂ % STBD. BOILER							CO ₂ % STBD. BOILER						
OIL LEVEL MAIN SUMP							OIL LEVEL MAIN SUMP						
PRESSURES							PRESSURES						
THROTTLE							THROTTLE						
H.P. AHEAD							H.P. AHEAD						
L.P. AHEAD							L.P. AHEAD						
VACUUM							VACUUM						
L.O. TO TURBINES							L.O. TO TURBINES						
AUX. STEAM							AUX. STEAM						
BACK PRESSURE							BACK PRESSURE						
GLAND STEAM							GLAND STEAM						
H.P. BLEEDER							H.P. BLEEDER						
I.P. BLEEDER							I.P. BLEEDER						
L.P. BLEEDER							L.P. BLEEDER						
STEAM AT THROTTLE							STEAM AT THROTTLE						
L. P. EXHAUST							L. P. EXHAUST						
CONDENSATE							CONDENSATE						
CIRC. WATER IN							CIRC. WATER IN						
CIRC. WATER OUT							CIRC. WATER OUT						
L.O. TO COOLERS							L.O. TO COOLERS						
L.O. FROM COOLERS							L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING							TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING							FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING							AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING							FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING							AFT. L.P. ROTOR BEARING						

WATCH	GENERATORS												FUEL - WATER AND LUBE OIL																
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL		WATER		LUBE OIL												
1200 TO 1600	3	1200	440	740	9	130	115		62	1100	1100	240	METER AT NOON			ON HAND AT START OF DAY													
	4	1200	440	740	9.8	135	121		50			240	METER PREVIOUS NOON			EVAPORATED OR RECEIVED													
1600 TO 2000	3	1200	440	740	9	132	114	63		1200	1100	240	CONSUMED BY METER			ON HAND													
	4	1200	440	740	9.7	134	122	51					ON HAND AT START OF DAY			CONSUMED													
2000 TO 2400	3	1200	435	735	9	132	114	63		1100	1100	240	RECEIVED DURING DAY			ON HAND AT START OF DAY													
	4	1200	435	735	9.8	134	122	51					EXPENDED DURING DAY			RECEIVED													
2400 TO 0400	3	1200	435	735	9	130	110		62	1100	1100	240	REMAINING ON BOARD			ON HAND													
	4	1200	435	735	9.8	134	122	51					ON HAND AT START OF DAY			CONSUMED													
0400 TO 0800	3	1200	435	740	9	130	110		62	1050	1050	240	EVAPORATED OR RECEIVED			ON HAND													
	4	1200	435	735	9	132	110		62	1150	1150	240	ON HAND			RECEIVED													
0800 TO 1200	3	1200	430	735	9	132	110		62	1150	1150	240	CONSUMED			CONSUMED													
	4	1200	435	735	9.8	134	122	51					LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)																
L.O. CENTRIFUGE - HOURS OPERATED																													
<table><tr><td>1200 TO 1600</td><td>1600 TO 2000</td><td>2000 TO 2400</td><td>2400 TO 0400</td><td>0400 TO 0800</td><td>0800 TO 1200</td></tr><tr><td>2</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td></tr></table>																		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	2	4	4	4	4	4
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200																								
2	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 OBSERVATION																													

STABY PCAT @ 02949040 F.O. P 670790 COUNT. P 2951740 F.O. P 671010
STABY @ 03081820 STABY S 604240 DEPT. S 3084080 DEPT. S 604430

1200-1600 WATCH

ANCHORED @ YOKOSUKA, JAPAN. MACH IN OPERATION AS FOLLOWS B-3, G-3+4, M-2, MC-4, ME-R, A-2, AC-2, D-3, P-3, F-3, C-2, W-3, L-3, LC-2 AND SP-2. MN. UNIT ON JACKING GEAR. VENTING B-4. ADDING WATER TO B-4 AS NEEDED VIA COMPOUND LINE. MAINT. VAC. ON MN UNIT. F.O. BARGE ALONG SIDE @ 1430. F.O. COMING ABOARD @ 1450. PUT STATIC HEAD ON DW/DB FROM #1/F. BILDGES AT SAFE LEVEL.

WATCH ENGR'S SIGNATURE-

William H. Lippert

1600-2000 WATCH

UNDERWAY ON 16 NOZZLES - MACH. AS BEFORE - @ 1600 BLEW TUBES IN #3 & #4 BOILERS - PUMPED BILDGES. CLEANED FUEL OIL SUC STRAINERS & BURNERS. CARRIED OUT STANDING ORDERS. ROUTINE WATCH.

WATCH ENGR'S SIGNATURE-

Henry Beezley

2000-2400 WATCH

Underway on 16 Nozz. Mach. as before. Shifted & cleaned F.O. Disch. Strainers shifted & inspec. B-3+4 L.O. Strainers. Pumped Bilges.

WATCH ENGR'S SIGNATURE-

Richard O. Saggan

2400-0400 WATCH

UNDERWAY ON 16 NOZZ. MACH. AS BEFORE EXCEPT SINGLED UP PLANT SEC. A-3, AC-2, AE, AND G-4. CLEANED AND CHANGED F.O. DISCHARGE STRAINERS. CHANGED L.O. STRAINERS ON MN UNIT. 0200 F/R AIR SUPPLY STOPPED - NOTIFIED CH/ELECT. @ THAT TIME. CHANGED TO INBD SETTLERS @ 0245. SPRING BEARINGS NORMAL. BILGES @ SAFE LEVEL.

WATCH ENGR'S SIGNATURE-

William H. Lippert

0400-0800 WATCH

UNDERWAY ON 16 NOZZ. MACH AS BEFORE
STAND BY @ 0706 CLEANED SUC STRAINERS, PUMPED BILDGES
CARRIED OUT STANDING ORDERS. ROUTINE WATCH

WATCH ENGR'S SIGNATURE-

Henry Beezley

0800-1200 WATCH

Underway on 16 Nozz., Shifted to 18 Nozz. @ 0830. Blew tubes @ 0805 @ 0834 Eng. Rm. Tele. W. Trans. F.O. from #2 P & #3 P to Inbd & Outbd Settlers. Changed F.O. Disch. Strainers & cleaned. Pumped Bilges. Euc

WATCH ENGR'S SIGNATURE-

Richard O. Saggan

CHIEF ENGINEER

[1200-1600 Watch. Entered Above in Error. is 3 July Entry]

1200-1600

#3 BOILER #4

6.43P. ALK 15.18

9.35P. ALK 19.86

3.47 CHLO 375

3.5 PH. 4 50

4.0 SO. 3 79

10.5 PH 11

WS. HRS. 1

FS. HRS. 1

4.1 FW. 41

6 PM 7

41 MW 41

UNDERWAY ON 16 Nozz. - Mach. in oper. AS FOLLOWS - B-3&4, G-3&4, M-2 MC-4, ME-R, D-3&4, P-3&4, F-3&4, C-2, W-3, S-2, LC-2 AND SP-2. PERMISSION TO TURN ENGINE @ 1315. Increased Speed To 16 Nozz. @ 1510 B/P C/Eng. Bridge Informed. Mach. operating Normal. Bilges @ Safe Level. Bells as per Bell Book. STBY @ 1345 Dept. @ 1500

William H. Lippert 3rd A/E

CHIEF ENGR'S SIGNATURE-

A 6025 Dept. 1500 - S-ctr 02951740
T-ctr 05195030

FOM P = 671010
FOM S = 604430

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE		
San John Pope TAP-110		3-D		Yokohama, Japan		San Francisco, Calif		P-2-B		7-5-6-66		
WATCH												
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200					
RUNNING TIME		240	240	240	220	230	240					
DETENTION TIME												
REVOLUTION COUNTER (END OF WATCH)		3086 818	3109 260	3129 640	3153 130	3170 650	3193 090					
TOTAL REVOLUTIONS (FOR WATCH)		22333	23390	20440	20490	20520	22440					
AVERAGE RPM		92.9	93.3	92.9	93.1	93.3	93.5					
F.O. METER (END OF WATCH)		9291 240	9394 010	9296 600	9299 100	9301 660	9304 400					
F.O. CONSUMED		2830	2770	2590	2560	2560	2800					
PRESSURES		THROTTLE										
		H.P. AHEAD										
		L.P. AHEAD										
		VACUUM										
		L.O. TO TURBINES										
		AUX. STEAM										
		BACK PRESSURE										
		GLAND STEAM										
		H.P. BLEEDER										
		L.P. BLEEDER										
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										
TEMPERATURES		FORWARD L.P. ROTOR BEARING										
		AFT. L.P. ROTOR BEARING										
TEMPERATURES												
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TEMPERATURES												

1200-1600 WATCH

Underway on 18 Nozz. Mach. in operation as follows - B-3&4, G-3, M-2, MC-4, ME-R, D-3&4
 P-3&4, F-3&4, B-2, W-2, L-3, S-2, LC-2 and SP-2. STBY L.O. Service Pump out of order. CUSTION LINE
 To Suct. Side of P-4 Ruptured. Removed and plugged chamber. Overspeed Trip Tested on Mx. Unit. Purifying
 L.O. in G-4. Readjusted Combustion Board and cutout one burner on B-3. Cleaned and changed F.O.
 Disch. STRAINERS. SPRING BEARINGS NORMAL. Bilges @ Safe Level.
 Blew Tubes on B-3&4 B/P FROM BRIDGE.

TRANS. F.O. FROM #2/P & #3/P TO INBD & OUTBD SETTLERS.

WATCH ENGR'S SIGNATURE-

William W. Leggett

1600-2000 WATCH

Underway on 18 Nozz. Mach. as before. CLEANED
 FUEL OIL SUC STRAINERS & BURNERS. PUMPED BILDBEST SHAFT ALLEY
 CARRIED OUT STANDING ORDERS. ROUTINE WATCH.

WATCH ENGR'S SIGNATURE-

Henry Beeley

2000-2400 WATCH

Underway on 18 Nozz. Mach. as before. Shifted & cleaned F.O. Disch.
 Strainers. Shifted & inspec. G-3 L.O. Strainers. Advanced clocks 20 min. F.O. Outbd
 @ 2241. Pumped Eng. Rm. & Shaft Alley Bilges.

WATCH ENGR'S SIGNATURE-

Richard O. Sogerman

2400-0400 WATCH

Underway on 18 Nozz. Mach. as before except secured LC-2 FROM G-4. Lined
 up same on Mx. Unit Sump. Cleaned and changed F.O. Disch. STRAINERS. Added L.O. TO Mx. UNIT SUMP
 FROM L.O. SETTLER VIA OF PURIFIER. Change L.O. STRAINER ON Mx. Unit. Tested #1/P&S (WATER OK)
 SPRING BEARINGS NORMAL. Bilges @ Safe Level. Tested STBY F.O. S/Pump.
 Advanced Clocks @ 0100 20 MIN.

WATCH ENGR'S SIGNATURE-

William W. Leggett

0400-0800 WATCH

Underway 18 Nozz. - Clocks Ahead 20 MIN. PUMPED
 BILGES & SHAFT ALLEY. CLEANED FUEL OIL SUC. STRAINERS.
 CARRIED OUT NIGHT STANDING ORDERS. ROUTINE WATCH.
 ADDED 3 GAL OIL #3 F.P.

WATCH ENGR'S SIGNATURE-

Henry Beeley

0800-1200 WATCH

Underway on 18 Nozz. Mach. as before except: #2 LP. Evaps
 secured @ 0930. Blew tubes @ 0805. Shifted & cleaned
 F.O. Disch. Strainers. Pumped Eng. Rm. & Shaft Alley Bilges.
 Stby on Tele. @ 1149. Poor visibility.

WATCH ENGR'S SIGNATURE-

Richard O. Sogerman

CHIEF ENGINEER

Chief Eng. in Eng. Rm. 0830-0915

#3 BOILER #4

1051 P. ALK 15.18

1518 T. ALK 19.86

327 CHLO 4.14

45 PH. 4.50

80 SO. 3.70

11 PH 10.5

WS. HRS.

FS. HRS.

41 FW. 41

75 PH. 7

41 MW. 41

CHIEF ENGR'S SIGNATURE-

J. O. Hillman

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE							
San John Pope TAF-110		3-D		Yokohama, Japan		San Francisco, Calif.		P-2-B		7-6-7-66							
		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			110	110	110	110	108	108		
DETENTION TIME										118	118	118	118	120	120		
REVOLUTION COUNTER (END OF WATCH)		3215 590	3238 160	3260 770	3283 650	3306 340	3329 090				108	108		108	108		
TOTAL REVOLUTIONS (FOR WATCH)		22500	22570	22610	22830	22690	22750			175	175	175	175	170	170		
AVERAGE RPM		93.7	94.0	94.2	95.3	94.5	94.8			240	240	240	240	240	240		
F.O. METER (END OF WATCH)		9307 160	9310 010	9312 810	9315 570	9318 270	9321 010										
F.O. CONSUMED		2700	2850	2800	2760	2700	2740										
PRESSURES	THROTTLE	430	430	430	435	430	430			SUPER HEAT	P	730	735	730	725	735	720
	H.P. AHEAD	430	430	430	435	430	430				S	730	735	730	725	735	720
	L.P. AHEAD	26	26	21	27	24	25			F.O. TO BURNERS		150	150	150	150	150	150
	VACUUM	28.5	28.6	29.0	28.5	28.4	29.0			AIR TO FURNACE	P	122	115	113	116	113	114
	L.O. TO TURBINES	14	14	14	14	14	14				S	122	115	113	116	113	113
	AUX. STEAM	125	125	135	130	135	130			F.O. TEMP. IN SETTLING TANKS	P	95	90	95	95	95	95
	BACK PRESSURE	10	10	10	10	10	10				S	85	85	85	90	90	85
	GLAND STEAM	0	1.0	0	0.5	0.4	.4			PORT BOILER UPTAKE		300	300	300	300	300	300
	H.P. BLEEDER	80	80	80	80	80	80			STBD. BOILER UPTAKE		280	280	285	280	280	280
	I.P. BLEEDER			7		7				F.O. BACK PRESSURE							
L.P. BLEEDER	12		12	11	11	11			MAIN STEAM		465	465	465	465	465	465	
TEMPERATURES	STEAM AT THROTTLE	730	735	730	725	735	720			F.O. TO BURNERS		195 180	235 180	170 160	205 180	200 160	195 185
	L.P. EXHAUST	106	106	106	104	106	106			MAIN COND. SALINITY		0.41	.30		0.41	.41	.41
	CONDENSATE	108	105	104	104	110	110			ENGINE ROOM TEMPERATURE		94	92	92	91	92	90
	CIRC. WATER IN	75	75	72	71	72	72			FIRE ROOM TEMPERATURE							
	CIRC. WATER OUT	90	90	86	87	88	88			NOZZLES IN USE		18	18	18	18	18	18
	L.O. TO COOLERS	124	124	125	125	125	125			NO. OF BURNERS IN USE	P	3	3	3	3	3	3
	L.O. FROM COOLERS	110	108	110	110	110	110				S	2	2	2	2	2	2
	TEMPERATURE THRUST BEARING	110	108	110	110	110	110				P	50/70	53/70	53/70	53/70	53/70	53/70
	FORWARD H.P. ROTOR BEARING	121	121	121	122	122	122			BURNER TIP SIZE	S	51/55	51/55	51/55	51/55	61/55	51/55
	AFT H.P. ROTOR BEARING	128	128	126	128	128	128			CO. % PORT BOILER							
FORWARD L.P. ROTOR BEARING	130	130	128	132	132	132			CO. % STBD. BOILER								
AFT L.P. ROTOR BEARING	124	124	124	128	128	128			OIL LEVEL MAIN SUMP		NORM	N	N	N	N	N	

1200-1600 WATCH

Underway on 18 Nozz. - Mach. in oper. Follows as per Code-B-3&4, G-3, M-2, MC-4, ME-R, D-3&4, P-3&4, F-3&4, C-2, W-2, L-3, S-1, LE-2 and SP-2. Cleaned F.O. Disch. Strainers. F.O. - Out at
 Cleaned L.O. Strainer on Mn. Unit. Overspeed Trip Tested on Mn. Unit. HP & LP End Thrust in Normal Evap. - 1/85
 Position. Changed to Out at Settler @ 1200. Secured from STBY and LH @ 1333. Adjusted Packing Dist. G-4, 500
 Glands on SP-2. Trans. F.O. from #2/P&S to Inlet & Outlet Settlers. Spring Bearings Normal.
 Bilges @ Safe Level. Blew Tubes B/P from Bridge @ 1550

Fire Drill & STBY @ 1517 Secured F.O. RILL @ 1529 B/O RILL @ 1530 1/2 - 1537 1/2 LH

WATCH ENGR'S SIGNATURE-

William W. Leggett

1600-2000 WATCH

Machinery as before except secured #2 Evap. @ 1600. Relieved @ 1700 by
 Mr. Seggerman. William W. Leggett 3rd A/E

FW #2 P&S
 F.O. Out at
 Evap
 Dist

Watertight doors closed by Bridge @ 1906. Shifted & cleaned F.O.
 Suction Strainers. Pumped Eng. Rm. & Shaft Alley Bilges.

WATCH ENGR'S SIGNATURE-

Richard O. Seggerman

2000-2400 WATCH

Underway on 18 Nozz. Mach. as before. changed & cleaned F.O. Disch. Strainers. F.W. #2 P&S
 Changed & inspect. G-3 L.O. Strainers. Weighed Eng. Rm. Fire Extinguishers. F.O. Out at
 Pumped Eng. Rm. & Shaft Alley Bilges. Secured #2 Evaps. @ 2400. Evap #1-P
 Dist. 5,100

WATCH ENGR'S SIGNATURE-

Richard O. Seggerman

2400-0400 WATCH

Underway on 18 Nozz. - Mach. in oper. as before - Cleaned F.O. Disch. Strainers. F.W. #2 P&S
 Resealed and Packed Inlet Valve to Gland Seal Regulator. Spring Bearings Normal. F.O. - Inlet
 Bilges @ Safe Level. Complied with Night and Standing orders. Routine Underway Watch.

WATCH ENGR'S SIGNATURE-

William W. Leggett

0400-0800 WATCH

Underway on 18 Nozz. - Mach. in oper. as before - F.O. Leaking from Lower
 Boiler Front on B-4. Change & Burners and Punched Carbon on same. Called C/Elect. F.O. Inlet
 By Phone B/O 2nd A/E in FWD E/R @ 0500. Mach. operating Normal. Bilges and
 Spring Bridge Bearings Normal. Relieved by Mr. Seggerman @ 0600. William W. Leggett 3rd A/E

Added 2 gals. L.O. to P-4 & 1 1/2 to P-3. Shifted & cleaned F.O. Suction Strainers. Pumped
 Eng. Rm. & Shaft Alley Bilges.

WATCH ENGR'S SIGNATURE-

Richard O. Seggerman

0800-1200 WATCH

Underway on 18 Nozz. Mach. as before.
 Blew tubes @ 0805. S.B.E. @ 1023 - Poor visibility. - LH @ 1117.
 Removed Diesel Oil ^{tank} drains F.O. dripping slightly from B-4 Windbox
 Shifted & cleaned F.O. Disch. Strainers. Pumped Eng. Rm. & Shaft Alley Bilges.

FW #2 P&S
 F.O. Inlet
 Eng - Secured
 Dist - "

Chief Eng. in Eng. Rm. 0800 - 0845

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE-

Richard O. Seggerman

Mr Leggett - Mr Seggerman standing Mr Beezley's Watch.

BOILER

P. ALK

T. ALK

CHLO

PH. 4

SO. 3

PH

WS. HRS.

FS. HRS.

CHIEF ENGR'S SIGNATURE-

J. O. Halloran

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
Gen. John Pope TAP-110		3-D		Yokohama, Japan		San Francisco, Calif		P-2-H		7-7-8-66			
WATCH													
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200						
RUNNING TIME		240	240	220	220	220	240						
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)		3352 070	3374 930	3395 790	3416 750	3437 640	3460 470						
TOTAL REVOLUTIONS (FOR WATCH)		22980	22860	20860	20960	20890	22830						
AVERAGE RPM		95.7	95.2	94.8	95.2	94.9	95.1						
F.O. METER (END OF WATCH)		9323 638	9326 380	9328 930	9331 430	9333 980	9336 860						
F.O. CONSUMED		2620	2850	2650	2500	2550	2880						
MACHINERY PARTICULARS													
		PRESSURES						TEMPERATURES					
THROTTLE		430	430	435	435	435	430						
H.P. AHEAD		430	430	435	435	435	430						
L.P. AHEAD		26	24	24	26	26	24						
VACUUM		28.5	29	29	28.5	29	29						
L.O. TO TURBINES		14	14	14	14	14	14						
AUX. STEAM		125	145	145	130	130	125						
BACK PRESSURE		10	10	10	10	10	10						
GLAND STEAM		0.5	0.4	0.2	0.5	0.8	0						
H.P. BLEEDER		80	80	80	80	80	80						
L.P. BLEEDER		7	7	7	7	7	7						
L.P. BLEEDER		11	11	11	11	11	11						
STEAM AT THROTTLE			735	735		725	725						
L. P. EXHAUST		106	106	102	104	102	101						
CONDENSATE		103	105	102	98	105	94						
CIRC. WATER IN		76	67	68	70	68	64						
CIRC. WATER OUT		86	85	84	86	86	80						
L.O. TO COOLERS		126	126	126	123	125	126						
L.O. FROM COOLERS		110	110	110	110	110	110						
TEMPERATURE THRU BEARING		112	112	112	110	110	112						
FORWARD H.P. ROTOR BEARING		122	122	122	120	120	120						
AFT. H.P. ROTOR BEARING		128	128	128	125	126	126						
FORWARD L.P. ROTOR BEARING		132	132	132	128	128	128						
AFT. L.P. ROTOR BEARING		128	128	128	125	127	126						
MISCELLANEOUS													
HOTTEST GEAR BEARING FORWARD		114	114	114	114	114	114						
HOTTEST GEAR BEARING AFT		120	120	120	118	118	118						
AUX. COND. CONDENSATE			106	106		102	102						
1ST STAGE FEED WATER HEATER		170	170	175	175	175	175						
D. C. FEED WATER HEATER		240	240	240	240	240	240						
3RD STAGE FEED WATER HEATER													
SUPER HEAT		P 738	725	735	730	735	725						
F.O. TO BURNERS		150	145	150	150	150	150						
AIR TO FURNACE		P 116	110	110	111	109	45 112						
F.O. TEMP. IN SETTLING TANKS		P 95	90	95	95	95	95						
PORT BOILER UPTAKE		300	300	300	300	300	300						
STBD. BOILER UPTAKE		280	280	280	280	280	280						
F. O. BACK PRESSURE													
MAIN STEAM		465	465	465	465	465	465						
F.O. TO BURNERS		198 175	180 170	185 165	185 170	195 170	210 180						
MAIN COND. SALINITY		0.41		0.30	0.41		0.20						
ENGINE ROOM TEMPERATURE		86	87	87	87	86	87						
FIRE ROOM TEMPERATURE													
NOZZLES IN USE		18	18	18	18	18	18						
NO. OF BURNERS IN USE		P 3	3	3	3	3	3						
BURNER TIP SIZE		P 53/70	53/70	53/70	53/70	53/70	53/70						
CO ₂ % PORT BOILER													
CO ₂ % STBD. BOILER													
OIL LEVEL MAIN SUMP													
		NORM.	N	N	N	N	N						
GENERATORS													
WATCH		GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600		3	1200	430	730	9	130	110		62	1250	1250	240
1600 TO 2000		3	1200	430	735	9	128	106		62	1225	1225	240
2000 TO 2400		3	1200	435	735	9	132	110		62	1150	1150	240
2400 TO 0400		3	1200	435	730	9	132	110		62	1250	1250	240
0400 TO 0800		3	1200	435	735	9	130	108		62	1300	1300	240
0800 TO 1200		3	1200	430	725	9	132	110		62	1250	1250	240
FUEL - WATER AND LUBE OIL													
		FUEL OIL		DOMESTIC WATER		DIESEL OIL		BOILER WATER		LUBE OIL			
METER AT NOON								ON HAND AT START OF DAY					
METER PREVIOUS NOON								EVAPORATED OR RECEIVED					
CONSUMED BY METER								ON HAND					
ON HAND AT START OF DAY								CONSUMED					
RECEIVED DURING DAY								ON HAND AT START OF DAY					
EXPENDED DURING DAY								RECEIVED					
REMAINING ON BOARD								ON HAND					
ON HAND AT START OF DAY								CONSUMED					
EVAPORATED OR RECEIVED								ON HAND					
ON HAND								RECEIVED					
CONSUMED								CONSUMED					
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)													
L.O. CENTRIFUGE - HOURS OPERATED													
1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200			
4		3 2/3		3 2/3		3 2/3		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

UNDERWAY ON 18 Nozz. - MACH. IN OPER. FOLLOWS AS PER MACH. CODE - B-3 & 4, G-3, M-2, MC-4, ME-R, D-3 & 4, F-3 & 4, C-2, W-2, L-3, S-1, LC-2 AND SP-2. CLEANED AND CHANGED F.O. DISCH. STRAINERS. MV. UNIT OVERSPEED AND LOW L.O. TRIP TESTED. L-4 OUT OF ORDER. CHANGED TO OUTB SETTLER @ 1300. TRANS. F.O. FROM #3/PBS TO INB & OUTB SETTLERS. SPRING BEARINGS NORMAL. DIST. G. Bldgs @ SAFE LEVEL. BLOW TUBES @ 1515 B/P FROM BRIDGE.

WATCH ENGR'S SIGNATURE-

William H. Leggett

1600-2000 WATCH

UNDERWAY ON 18 Nozz. MACHINERY AS BEFORE
1815 WATERTIGHT DOORS CLOSED - BRIDGE. CLEANED FUEL OIL SUC STRAINERS
CLEANED BLDGE SUC STRAINER. CARRIED OUT STANDING ORDERS.
ROUTINE WATCH. 3 gal oil to P3. 3 gal oil to FW PUMP - ELEC.

WATCH ENGR'S SIGNATURE-

Henry Beechey

2000-2400 WATCH

Underway on 18 Nozz. Mach. same as before.
Shifted & cleaned F.O. Disch. Strainers. Shifted & inspec. G-3 L.O. Strainers.
Advanced clocks 20 min. @ 2240. Checked on Fire Stations. - Valve Leaks on
F.S. 5-130-1. Pumped Eng. Rm. & shaft Alley Bldgs.

WATCH ENGR'S SIGNATURE-

Richard C. Safferman

2400-0400 WATCH

UNDERWAY ON 18 Nozz. - MACH. IN OPER. AS BEFORE EXCEPT CHANGED FROM
ME-R TO ME-G. MC-3 UNABLE TO HOLD WATER LEVEL IN MV. COND. MC-4
STILL ON LINE. CHANGED F.O. DISCH. STRAINERS. REMOVED GLAND SEAL REGULATOR
TO INSPECT AND RENEW LEAKY GASKETS. ADVANCED CLOCKS 20 MIN. COMPLIED
WITH NIGHT AND STANDING ORDERS. L-4 OPERATES SATISFACTORILY.

WATCH ENGR'S SIGNATURE-

William H. Leggett

0400-0800 WATCH

UNDERWAY ON 18 Nozz. MACH. AS BEFORE CHECKS ADVANCED
30 MIN. WATER TIGHT DOORS UNDER LOCAL CONTROLL. 0515 - BRIDGE. CLEANED
FUEL OIL BURNERS. & SUC STAINERS. ROUTINE MAINTENANCE. CARRIED
OUT NIGHT & STANDING ORDERS. ROUTINE WATCH.

WATCH ENGR'S SIGNATURE-

Henry Beechey

0800-1200 WATCH

Underway on 18 Nozz. Mach. as before.
Blow tubes @ 0805. Fire Alarm system tested @ 0812. #2 L.P.
Evaps started @ 0913. Shifted & cleaned F.O. Disch. Strainers.
Pumped Eng. Rm. & shaft Alley Bldgs.

WATCH ENGR'S SIGNATURE-

Richard C. Safferman

CHIEF ENGINEER

#3 BOILER #4

876 P. ALK 1345

105 P. ALK 1752

207 CHLO 454

35 PH. 4 40

70 SO. 3 64

9 PH 11

WS. HRS. 1

FS. HRS. 1

41 FW 41

8 PH 8

41 FW 2-49

CHIEF ENGR'S SIGNATURE-

A. C. Halloran

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Gen. John Pope TAP-110		3-0		Yokosuka, Japan		San Francisco, Calif.		P-2-B		7-8-8-66	
WATCH											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
MACH. PARTICULARS (CONT'D)											
TEMPERATURES (CONT'D)											
HOTTEST GEAR BEARING FORWARD114114114110112112											
HOTTEST GEAR BEARING AFT118118118117118118											
AUX. COND. CONDENSATE102102102102102102											
1ST STAGE FEED WATER HEATER170170172170170168											
D. C. FEED WATER HEATER240240240240240240											
3RD STAGE FEED WATER HEATER											
SUPER HEAT P730730730730725725											
SUPER HEAT S730730730730725725											
F.O. TO BURNERS150150150150150150											
AIR TO FURNACE P110108108106112108											
AIR TO FURNACE S110108105106106108											
F.O. TEMP. IN SETTLING TANKS P959595909090											
F.O. TEMP. IN SETTLING TANKS S88808080808075											
PORT BOILER UPTAKE290290290300300300											
STBD. BOILER UPTAKE280280280290295295											
F. O. BACK PRESSURE											
MAIN STEAM465465465465460465											
F.O. TO BURNERS230/200240/205235/195235/185225/200225/195											
MAIN COND. SALINITY0.410.410.410.410.410.20											
ENGINE ROOM TEMPERATURE868584838385											
FIRE ROOM TEMPERATURE											
NOZZLES IN USE181818181818											
NO. OF BURNERS IN USE P333333											
NO. OF BURNERS IN USE S222222											
BURNER TIP SIZE P53/7053/7053/7053/7053/7053/70											
BURNER TIP SIZE S51/5551/5551/5551/5551/5551/55											
CO2 % PORT BOILER											
CO2 % STBD. BOILER											
OIL LEVEL MAIN SUMP											
NORMNNNNN											

GENERATORS											
WATCH											
GENERATOR NUMBERR.P.M.STEAM PRESSURESTEAM TEMPERATUREL.O. PRESSUREL.O. TO COOLERL.O. FROM COOLERTEMP. OF HOTTEST BEARINGL.O. GOVERNOR PRESSUREAMPS POSITIVEAMPS NEGATIVEVOLTS											
1200 TO 16003120043573091311106212501250240											
1600 TO 20003120043073091281066212501250240											
2000 TO 24003120043073091321106212001200240											
2400 TO 04003120043573091321106212501250240											
0400 TO 08003120042572591301086212501250240											
IDLEING0800 TO 12004120043072591321106212561250240											
FUEL OIL											
METER AT NOON											
METER PREVIOUS NOON											
CONSUMED BY METER											
ON HAND AT START OF DAY											
RECEIVED DURING DAY											
EXPENDED DURING DAY											
REMAINING ON BOARD											
DOMESTIC WATER											
ON HAND AT START OF DAY											
EVAPORATED OR RECEIVED											
ON HAND											
CONSUMED											
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)											
L.O. CENTRIFUGE - HOURS OPERATED											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
43 2/33 2/33 2/34											
SUMMARY											
RUNNING TIME											
DETENTION TIME											
TOTAL REVOLUTIONS											
AVERAGE R.P.M.											
TOTAL MILES BY ENGINE											
TOTAL MILES BY OBSERVATION											
PROPELLER SLIP (%)											
BBL FUEL MI											
WIND DIRECTION											
STATE OF SEA											
STATE OF WEATHER											

REMARKS

1200-1600 WATCH

Underway on 18 Nozz. Mach. in oper. as follows-B-3&4, B-3M-2, MC-4, ME-6, D-3&4
 P-3&4, F-3&4, C-2, W-2, L-3, S-1, L-2 and SP-2. Cleaned and changed F.O. Disch. Strainers. Tested
 Low L.O. and overspeed trip on M.U. Unit. L-4 also tested. Replaced gland seal regulator. Spring
 bearing normal. Bilges @ safe level. Blew tubes B/P from Bridge @ 1525. Changed strainer
 on M.U. Unit L.O. system.
 Routine Underway Watch.

FW-2/18
 F.O.-051
 EVAP-1/15
 DIST-G-5,300

WATCH ENGR'S SIGNATURE-

William W. Leggett

1600-2000 WATCH

Underway on 18 Nozz. Mach as before. TRANSFERRED
 FUEL OIL FROM #4/P TO BOTH SETTLERS. (KIRUPP) 2902 OIL/STAB FEED
 PUMP. 2 1/2 gal OIL TO PORT FEED PUMP. 1836 WATERTIGHT DOORS SECURED-
 -BRIDGE. CLEANED FUEL OIL SUC STRAINER.

FO 0076d17
 FW #2 P/15
 EVAP #1-5
 DIST.G.
 5300

WATCH ENGR'S SIGNATURE-

Henry Beeley

2000-2400 WATCH

Underway on 18 Nozz. Mach. as before.
 Shifted + cleaned L.O. Strainers on B-3. Shifted + clean F.O. Disch. Strainers
 Pumped Eng. Rm. + Shaft Alley Bilges. Held Eng. & Casualty Drill E-7 from 2200
 to 2220, Bridge Notified.

F.O.-Out b'd
 FW-#2 P/15
 EVAP-#1-5
 DIST-5,000

WATCH ENGR'S SIGNATURE-

Richard O. Sapperson

2400-0400 WATCH

Underway on 18 Nozz. Mach. in oper. as before. Cleaned and changed
 F.O. Discharge STRAINERS. Checked ENT THRUST on HP & LP TURBINE (No Change) L-4
 Tested. Held E/R CASUALTY DRILL "E-7" Notified Bridge. Spring bearing normal.
 Bilges @ safe level. Advanced clocks 20 MIN.

F.O.-Inb
 FW-

WATCH ENGR'S SIGNATURE-

William W. Leggett

0400-0800 WATCH

Underway on 18 Nozz. Mach as before. CLOCK ADVANCED 20
 MIN. 0620 WATERTIGHT DOORS-LOCAL-BRIDGE. CLEANED FUEL OIL SUC
 STRAINERS + BURNERS. PUMPED BILGES. CARRIED OUT NIGHT STANDING ORDERS. EVAP #2
 HELD SECURITY DRILL E-5. BRIDGE NOTIFIED.

F.O.-Inb
 FW-2 P/15
 EVAP #2
 DIST-4500

WATCH ENGR'S SIGNATURE-

Henry Beeley

0800-1200 WATCH

Underway on 18 Nozz. Mach. as before except: Shifted Aft. Eng. Rm. Elect. Load to
 G-4 @ 1030. Trans. F.O. from #4's deep tank to Inbd + Outbd Settlers. Fire Alarm
 System tested @ 0804. Blew tubes on B-3+4 B/P Bridge @ 0805. Started #6-4 @ 0830.
 Shifted + cleaned F.O. Disch. Strainers. Pumped Eng. Rm. + Shaft Alley Bilges.

F.O.-Inbd
 FW-#2 P/15
 EVAP-#1-3
 DIST-5,000

WATCH ENGR'S SIGNATURE-

Richard O. Sapperson

CHIEF ENGINEER

BOILER

876 P. ALK 1518
 1085 T. ALK 1819
 307 CHLO 414
 45 PH. 4 40
 78 SO. 3 80
 41 PH 11
 WS. HRS.
 FS. HRS.
 41 FW 41
 9 PH 11
 41 MW 41

A 6025

CHIEF ENGR'S SIGNATURE-

J. M. Halloran

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE								
New John Pope TAB-110		3-D		Yokosuka, Japan		San Francisco, Calif.		P-2-B		7-8-9-66								
		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			108	108	108	110	112	112			
DETENTION TIME										120	120	120	116	118	118			
REVOLUTION COUNTER (END OF WATCH)		3615 220	3638 030	3659 270	3680 240	3701 450	3724 450				92	93		92	92			
TOTAL REVOLUTIONS (FOR WATCH)		23110	22810	21240	20970	21240	23000			170	170	173	170	170	170			
AVERAGE RPM		96.2	95.0	96.5	95.2	96.4	95.8			240	240	240	240	240	240			
F.O. METER (END OF WATCH)		9357 120	9360 010	9362 800	9365 530	9368 230	9371 230											
F.O. CONSUMED		3010	2890	2790	2730	2700	3000											
PRESSURES		THROTTLE	435	430	430	435	425	430			SUPER HEAT	P	730	730	725	730	725	
		H.P. AHEAD	435	430	430	435	425	430			S	730	730	725	730	725		
		L.P. AHEAD	26	26	26	26	25	26			F.O. TO BURNERS		150	150	150	150	150	
		VACUUM	28.5	29.5	29.0	28.5	29.5	29			P	105	107	107	107	104	106	
		L.O. TO TURBINES	14	14	14	14	14	14			S	105	112	108	107	105	106	
		AUX. STEAM	125	125	125	125	125	125			P	90	85	89	90	90	88	
		BACK PRESSURE	10	10	10	10	10	10			S	75	80	82	80	80	75	
		GLAND STEAM	0.5	0.5	0.5	0.5	0.3	.3			PORT BOILER UPTAKE		300	300	300	290	300	290
		H.P. BLEEDER	80	80	80	80	80	80			STBO. BOILER UPTAKE		280	280	280	275	280	280
		I.P. BLEEDER		7			7				F.O. BACK PRESSURE							
L.P. BLEEDER	12	11	11	12	12	12			MAIN STEAM		465	465	465	465	465	465		
TEMPERATURES		STEAM AT THROTTLE	730	725	725	730	720	725			F.O. TO BURNERS		240 200	240 185	230 195	230 200	225 185	200 200
		L. P. EXHAUST	98	96	98	96	96	96			MAIN COND. SALINITY		0.41	0.41	.20	0.41	0.41	.20
		CONDENSATE	99	96	94	94	96	92			ENGINE ROOM TEMPERATURE		87	86	82	81	82	83
		CIRC. WATER IN	64	62	61	60	60	60			FIRE ROOM TEMPERATURE							
		CIRC. WATER OUT	80	78	77	76	78	76			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	2	2	2	2	2	2	
		TEMPERATURE THRUST BEARING	112	112	112	112	112	112			P	53/70	53/70	53/70	53/70			

1200-1600 WATCH

Underway on 18 Nozz. - Mach. in oper. as follows - B-3&4, G-3&4, M-2, MC-2, ME-6, D-3&4
 P-3&4, F-3&4, C-2, W-2, L-3, S-1, LC-2 and SP-2. Cleaned and changed F.O. Disch. strainers. Low L.O.
 and overspeed Trip tested on M.U. Unit. Flushed out E/R Spring Bearings to remove paint sealings. Changed
 To Outboard Settler @ 1230. ST&BY @ 1242-1407 44. TRANS. F.O. To Inboard & Outboard Settler #4/5. Spring Bearings
 Normal. Bilges @ Safe Level. Changed Electrical Load To G-3 @ 1650 and secured #6-2. HP & LP
 End Thrust Normal.

ST&BY BLO/DRILL @ 1518-1533 44

WATCH ENGR'S SIGNATURE-

William W. Luggitt

1600-2000 WATCH

Underway on 18 Nozzles. Mach as before. Standby 1734
 Off Standby 1737. 2 1/2 gal LUB OIL P-3+4 - TIGHTEN^{ED} GLAND ON FIRE
 PUMP & DISCH. VALVE. TIGHTENED GLAND ON STANDBY LUB PUMP.
 PUMP BILGES & SHAFT ALL. CLEANED BURNER ON B-3. CLEANED F.O.
 SUC STRAINERS. 1905 WATER TIGHT DOORS. - BRIDGE. CARRIED OUT NIGHT
 & STANDING ORDER. ROUTINE MAINTENANCE. ROUTINE WATCH
 BLOWED TUBS 1610 - BRIDGE NOTIFIED.

WATCH ENGR'S SIGNATURE-

Henry Beeley

2000-2400 WATCH

Underway on 18 Nozz. Mach. as before.
 Standby @ 2018 - Fog. Held Eng. Casualty Drill E-8 from 2200 to 2220
 Bridge Notified. Changed from outboard settler to Inboard settler @ 2315
 Shifted & cleaned F.O. Disch. strainers. Shifted & inspec. Gen. L.O.
 strainers on G-3. Pumped Eng. Rm. & Shaft Allay Bilges. Advanced
 clocks 20 min. @ 2242.

WATCH ENGR'S SIGNATURE-

Richard O. Sogerman

2400-0400 WATCH

Underway on 18 Nozz. - Mach. in oper. as before. Telegraph on 44 @ 0004. Cleaned
 and changed F.O. Disch. strainers. Tested L-4 and ST&BY F.O. S/Pump. Spring Bearings Normal.
 Bilges @ Safe Level. Advanced clocks 20 min. Held E/R Casualty Drill E-8 (Force & Draft
 Blower Motor Failure. Bridge Notified.
 Routine Underway Watch.

WATCH ENGR'S SIGNATURE-

William W. Luggitt

0400-0800 WATCH

Underway on 18 Nozz. Mach. as before. Clock
 Advanced 20 min. Standby 0412 Full - 0454 - Bridge
 2 1/2 gal LUB OIL P-3. CLEANED BILGE SUC STRAINER CLEANED F.O.
 SUC STRAINERS AND BURNERS. CARRIED OUT NIGHT & STANDING ORDERS. DIST. G. 4500
 ROUTINE WATCH
 HELD E/R CASUALTY DRILL E-4 - BRIDGE NOTIFIED.

WATCH ENGR'S SIGNATURE-

Henry Beeley

0800-1200 WATCH

Underway on 18 Nozz. Mach. as before.
 Blew tubes @ 0815. S.B.E. @ 0825 - Fog. 44 @ 1101.
 Shifted & cleaned F.O. Disch. strainers. Pumped Eng. Rm. &
 shaft allay bilges.

WATCH ENGR'S SIGNATURE-

Richard O. Sogerman

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE-

J. O'Halloran

#3 BOILER #4

1168 P. ALK 1326
 1406 T. ALK 1694
 207 CHLO 414
 50 PH. 4 45
 82 SO. 3 76
 11 PH 41
 WS. HRS.
 PS. HRS.
 41 FW 41
 7 PH 7
 41 MW 41
 A 6025

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
USS John Pope TAP-110		S-D		Yokosuka, Japan		San Francisco, Calif.		P-2-B		7-9-10-66	

		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			111	112	112	112	112	110
DETENTION TIME										120	120	120	120	120	115
REVOLUTION COUNTER (END OF WATCH)		3747 400	3776 600	3791 480	3812 750	3832 890	3855 970				94	94		96	96
TOTAL REVOLUTIONS (FOR WATCH)		22950	23200	20880	21270	20140	23080			175	175	175	175	176	175
AVERAGE RPM		95.7	96.6	94.9	96.6	91.6	96.2			240	240	240	240	240	240
F.O. METER (END OF WATCH)		9324 230	9377 190	9379 960	9382 720	9385 320	9388 300								
F.O. CONSUMED		3000	2960	2770	2760	2600	2980								

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
THROTTLE		435	435	435	435	430	435			710	740	725	710	725	722
H.P. AHEAD		435	435	435	435	430	435			150	150	150	150	150	150
L.P. AHEAD		26	25	26	26	25	20			107	105	106	108	108	108
VACUUM		28.5	29.5	29.0	28.5	29	29			107	105	106	108	108	106
L.O. TO TURBINES		14	14	14	14	14	14			90	85	90	90	80	90
AUX. STEAM		125	125	125	125	125	132			75	75	80	70	70	75
BACK PRESSURE		10	10	10	10	10	10			300	300	300	300	300	300
GLAND STEAM		0.5	0.3	0.3	0.5	0.5	0.0			280	280	285	275	280	285
H.P. BLEEDER		80	80	80	80	80	80								
I.P. BLEEDER							7								
L.P. BLEEDER		12	11	11	11	11	11			465	465	465	465	465	465
STEAM AT THROTTLE		710	740	725	710	725	722			290 270	200 200	225 190	220 195	200 200	190 165
L. P. EXHAUST		95	98	96	98	98	98			0.41	.41	.20	0.41	.41	.20
CONDENSATE		96	96	96	98	97	97			83	81	84	83	85	86
CIRC. WATER IN		62	62	62	64	62	62			18	18	18	18	18	18
CIRC. WATER OUT		78	78	78	80	80	80			3	3	3	3	3	3
L.O. TO COOLERS		127	124	128	126	124	126			2	2	2	2	2	2
L.O. FROM COOLERS		110	110	110	110	110	110			53/70	53/70	53/70	53/70	53/70	53/70
TEMPERATURE THRUST BEARING		112	112	112	112	112	112			51/55	51/55	51/55	51/55	51/55	51/55
FORWARD H.P. ROTOR BEARING		124	122	122	122	122	122								
AFT. H.P. ROTOR BEARING		128	126	126	126	124	126								
FORWARD L.P. ROTOR BEARING		130	125	125	130	130	130								
AFT. L.P. ROTOR BEARING		128	128	128	128	128	128								

		GENERATORS												FUEL - WATER AND LUBE OIL									
		GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS										
1200 TO 1600		3	1200	435	710	9	130	110		62	1250	1250	240										
1600 TO 2000		3	1200	435	740	9	130	110		42	1300	1200	240										
2000 TO 2400		3	1200	435	725	8	130	108		62	1200	1200	240										
2400 TO 0400		3	1200	435	710	9	130	110		62	1250	1250	240										
0400 TO 0800		3	1200	435	725	9	130	110		62	1250	1250	240										
0800 TO 1200		3	1200	435	722	9	130	106		62	1100	1100	240										

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

		SUMMARY	
RUNNING TIME		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			

1200-1600 WATCH

Underway on 18 Nozz. Mach. in oper. as follows-B-3&4, G-3, M-2, MC-4, ME-6, D-3&4, F.W.-3E
 P-3&4, F-3&4, C-2, W-3, S-1, L-2 and SP-2. Cleaned & changed F.O. Disch. STRAINERS. Tested F.O.-Dut
 #2 L-4, overspeed trip & low L.O. trip on M.V. Secured W-2 @ 1200. Changed to DUTB Settler EVAP- #1/S
 @ 1300. Held E/R CASUALTY DRILL E-9. Bridge Notified. Changed M.V. Unit L.O. STRAINER. Spring DIST.-G-4300
 BEARINGS NORMAL. Bilges @ Safe Level. Blow Tubes @ 1515 B/P FROM BRIDGE. TRANS. F.O.
 FROM #4/S & #4 E TO INBD & DUTB SETTLERS. D/WORKERS ON CLEANING DUTY AND REPAIR WORK.
 Routine Underway Watch.

WATCH ENGR'S SIGNATURE-

William W. Leggett

1600-2000 WATCH

UNDERWAY 18 NOZZ MACH AS BEFORE. CLOSED WATER F.O. OUTBD
 TIGHT DOORS @ 1905 BRIDGE. @ 1630 #1 EVAP FROM #1 STR TO #1 PORT. FW #3 P.
 @ 1700 FW SUC FROM #3 & CARRIED OUT NIGHT+STANDING ORDERS. EVAP #3 -
 ROUTINE WATCH DISTG.

WATCH ENGR'S SIGNATURE-

Henry Beezley

2000-2400 WATCH

Underway on 18 Nozz. Mach. as before.
 Shifted & cleaned F.O. Disch strainers. shifted & inspected F.O. Inbd
 G-3 L.O. strainers. Pumped Eng. Rm. & shaft alley Bilges. FW. #3 P
 changed to Inbd Settler @ 2220 Evap. #1-P
 Advanced clocks 20 min. E-9 DIST. 4400
 Held Eng. Casualty Drill E-8 2200-2220 - Bridge Notified

WATCH ENGR'S SIGNATURE-

Richard O. Seggman

2400-0400 WATCH

Underway on 18 Nozz. Mach. in oper. as before - cleaned and changed F.W.-3/P
 F.O. Disch. STRAINERS. Advanced clocks 20 min. Held E/R CASUALTY DRILL E-10 FOR F.O.-Inbd
 Watch and Notified Bridge. Spring BEARINGS NORMAL. Bilges @ Safe Level. EVAP- #1/P
 ROUTINE UNDERWAY WATCH. DIST. 6-

WATCH ENGR'S SIGNATURE-

William W. Leggett

0400-0800 WATCH

UNDERWAY ON 18 NOZZLES. MACH AS BEFORE WATERTIGHT DOORS F.O. INBD 10'
 UNDER LOCAL CONTROL, 0615. CLEANED FUEL OIL SUC STRAINERS + FW
 BURNERS. PUMPED BILGES + SHAFT ALLEY. CLEAN BIDGE SUC STRAINER EVAP
 CARRIED OUT NIGHT+STANDING ORDERS. ROUTINE WATCH. DISTG.
 TIGHTENED PACKING #3 SUCT BLOWER B-4. #3 EVAP TO #1-P TO #3 & @ 0630.
 HELD E/R CASUALTY DRILL E-7 BRIDGE NOTIFIED

WATCH ENGR'S SIGNATURE-

Henry Beezley

0800-1200 WATCH

Underway on 18 Nozz. Mach. as before. F.O. - Inbd
 Blow tubes @ 0830. Held Eng. Casualty Drill E-10 from 1000 to 1020. FW. - #3 &
 Changed oil in Spring Bearing (Fwd. #2 shaft in Eng. Rm.) Dislodged large Emp. - #3 &
 chunk of carbon from B-4 windbox drain hole. Shifted & cleaned Dist. - 4400
 F.O. Disch. Strainers. Pumped Eng. Rm. & shaft alley Bilges.

WATCH ENGR'S SIGNATURE-

Richard O. Seggman

CHIEF ENGINEER

#3 BOILER #4

8.67P. ALK 1286

1226T. ALK 1294

1.66 CHLO 414

50 PH. 445

78 SO. 376

11 PH 10

WS. HRS. 1

PS. HRS. 1

.41 FW. 41

7 PH 7

.41 FW. 41

CHIEF ENGR'S SIGNATURE-

J. A. Halloran

A 6025

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
USS John Pope TAP-110		3-10		Yokohama, Japan		San Francisco, Calif		P-2-B		7-15-11-66	

		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									
DETENTION TIME															
REVOLUTION COUNTER (END OF WATCH)		3879 060	3901 067	3924 240	3946 250	3969 250	3991 830								
TOTAL REVOLUTIONS (FOR WATCH)		23090	22510	22670	22510	22500	22580								
AVERAGE RPM		96.2	93.8	94.5	93.8	93.8	94.1								
F.O. METER (END OF WATCH)		9391 050	9393 270	9396 460	9398 150	9401 790	9404 530								
F.O. CONSUMED		2750	2720	2690	2690	2640	2740								

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
HOTTEST GEAR BEARING FORWARD		114	114	114	114	114	114								
HOTTEST GEAR BEARING AFT		116	118	118	118	118	118								
AUX. CONO. CONDENSATE			94	94		92	92								
1ST STAGE FEED WATER HEATER		170	170	170	170	170	170								
D. C. FEED WATER HEATER		240	240	240	240	240	240								
3RD STAGE FEED WATER HEATER															

		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
SUPER HEAT		P 710	740	710	710	710	715								
F.O. TO BURNERS		150	150	150	150	150	150								
AIR TO FURNACE		P 113	115	106	108	106	105								
F.O. TEMP. IN SETTLING TANKS		P 90	90	90	90	90	90								
PORT BOILER UPTAKE		290	290	285	285	290	275								
STBD. BOILER UPTAKE		275	275	270	270	270	270								
F. O. BACK PRESSURE															
MAIN STEAM		465	465	465	465	465	465								
F.O. TO BURNERS		190/170	180/180	180/180	190/175	185/185									
MAIN COND. SALINITY		0.41	.41	.30	0.41	0.41	.20								
ENGINE ROOM TEMPERATURE		87	86	84	84	82	80								
FIRE ROOM TEMPERATURE															
NOZZLES IN USE		18	18	18	18	18	18								
NO. OF BURNERS IN USE		P 3	3	3	3	3	3								
BURNER TIP SIZE		P 53/70	53/70	53/70	53/70	53/70	53/70								
CO. & PORT BOILER															
CO. & STBD. BOILER															
OIL LEVEL - MAIN SUMP		NORM. N	N	N	N	N	N								

		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
STEAM AT THROTTLE		710	740	710	710	710	715								
L. P. EXHAUST		95	96	96	95	96	96								
CONDENSATE		95	96	94	94	93	94								
CIRC. WATER IN		65	64	64	64	62	62								
CIRC. WATER OUT		80	80	80	76	76	76								
L.O. TO COOLERS		126	126	126	125	124	126								
L.O. FROM COOLERS		110	110	110	110	110	110								
TEMPERATURE THRUST BEARING		112	112	112	112	112	112								
FORWARD H.P. ROTOR BEARING		124	124	124	122	122	122								
AFT. H.P. ROTOR BEARING		124	124	126	126	126	124								
FORWARD L.P. ROTOR BEARING		126	128	128	127	127	127								
AFT. L.P. ROTOR BEARING		126	124	126	128	128	128								

		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
GENERATOR NUMBER		3	3	3	3	3	3								
R.P.M.		1200	1200	1200	1200	1200	1200								
STEAM PRESSURE		435	435	435	435	435	435								
STEAM TEMP.		710	740	710	710	710	715								
L.O. PRESSURE		9	9	9	9	9	9								
L.O. TO COOLER		130	130	130	130	130	130								
L.O. FROM COOLER		110	110	110	110	110	110								
TEMP. OF HOTTEST BEARING															
L.O. GOVERNOR PRESSURE		62	62	62	62	62	62								
AMPS POSITIVE		1200	1200	1200	1200	1200	1200								
AMPS NEGATIVE															
VOLTS		240	240	240	240	240	240								

		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
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															
EVAPORATED OR RECEIVED															
ON HAND															
CONSUMED															

		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
GENERATOR NUMBER		3	3	3	3	3	3								
R.P.M.		1200	1200	1200	1200	1200	1200								
STEAM PRESSURE		435	435	435	435	435	435								
STEAM TEMP.		710	740	710	710	710	715								
L.O. PRESSURE		9	9	9	9	9	9								
L.O. TO COOLER		130	130	130	130	130	130								
L.O. FROM COOLER		110	110	110	110	110	110								
TEMP. OF HOTTEST BEARING															
L.O. GOVERNOR PRESSURE		62	62	62	62	62	62								
AMPS POSITIVE		1200	1200	1200	1200	1200	1200								
AMPS NEGATIVE															
VOLTS		240	240	240	240	240	240								

		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
GENERATOR NUMBER		3	3	3	3	3	3								
R.P.M.		1200	1200	1200	1200	1200	1200								
STEAM PRESSURE		435	435	435	435	435	435								
STEAM TEMP.		710	740	710	710	710	715								
L.O. PRESSURE		9	9	9	9	9	9								
L.O. TO COOLER		130	130	130	130	130	130								
L.O. FROM COOLER		110	110	110	110	110	110								
TEMP. OF HOTTEST BEARING															
L.O. GOVERNOR PRESSURE		62	62	62	62	62	62								
AMPS POSITIVE		1200	1200	1200	1200	1200	1200								
AMPS NEGATIVE															

1200-1600 WATCH

UNDERWAY ON 18 NOZZ. - MACH. IN OPER. AS FOLLOWS - B-3&4, J-3, H-2, MC-4, ME-GD-3&4, P-3&4, FW-3E
 F-3&4, C-2, L-3, S-1, LC-2, V-2 AND SP-2. CLEANED AND CHANGED F.O. DISCH. STRAINERS TESTED LOW L.O. F.O. - OUTB
 AND OVERSPEED TRIP ON MN. UNIT. L-4 AND ST&BY F.O. S/PUMP TESTED. CHANGED L.O. STRAINER ON MN. UNIT. SPRING EVAP-3E
 BEARINGS NORMAL. BILGES @ SAFE LEVEL. HELD E/R CASUALTY DRILL FOR WATCH-E-11 (BRIDGE NOTIFIED). STB DIST. G-4, 800
 SMOKE INDICATOR HAS EVIDENCE OF WATER LEAKAGE. NO SIGN OF EXTERNAL LEAKAGE INTO PEROSCOPE TUNNEL.
 CHANGED TO ~~WATER~~ SUTLER @ 1230. TRANS. F.O. FROM #4 & #6/P TO INB & O:TB SUTLERS. NO PERMISSION
 TO BLOW TUBES @ 1515

WATCH ENGR'S SIGNATURE-

William W. Leggett

1600-2000 WATCH

UNDERWAY ON 18 NOZZ. MACH AS BEFORE. BLEW TUBES CHIS. FO INB
 CLEANED BURNER + SUC STRAINER. PUMPED BILGES. TIGHTENED FW #3C
 PACKING ON ALL SECT BLOWERS. CARRIED OUT STANDING ORDERS. EVAP #3E
 ROUTINE WATCH. DIST. G-4, 800

WATCH ENGR'S SIGNATURE-

Henry Beeley

2000-2400 WATCH

UNDERWAY ON 18 NOZZ. MACH AS BEFORE.
 BRIDGE CLOSED WATERTIGHT DOORS @ 2030. HELD ENG. CASUALTY DRILL E-11 2200-2220
 BRIDGE NOTIFIED. UNABLE TO CONTACT FWD. ENG. RM. ON 'J' CIRCUIT. ALSO, F.O. - OUTB
 OCCASIONALLY NOT REACHING NO. DIALED. SHIFTED + CLEANED F.O. STRAINERS. FW - #3E
 SHIFTED + INSPE. G-3 L.O. STRAINERS. PUMPED ENG. RM. + SHAFT ALLEY EVAP - #1-P
 BILGES. ADDED 2 GALS. L.O. TO P-4. DIST. - 4600

WATCH ENGR'S SIGNATURE-

Richard O. Saggerson

2400-0400 WATCH

UNDERWAY ON 18 NOZZ. - MACH. IN OPER. AS BEFORE. CLEANED AND CHANGED F.O. DISCH. FW-3E
 STRAINERS. HELD E/R CASUALTY DRILL #E-12 (BRIDGE NOTIFIED). CLEANED MN. UNIT L.O. STRAINER. F.O. - INB
 ADDED 2 GAL. L.O. TO P-3&4. SPRING BEARINGS NORMAL. BILGES @ SAFE LEVEL. EVAP - #2/PB
 TELE. CIRCUITS NOT FUNCTIONING PROPERLY. COMPLIED WITH NIGHT AND STANDING ORDERS. DIST. G-4, 800
 ROUTINE UNDERWAY WATCH.

WATCH ENGR'S SIGNATURE-

William W. Leggett

0400-0800 WATCH

UNDERWAY 18 NOZZ. MACH AS BEFORE. CLEANED FUEL FO INB
 OIL BURNERS + SUC STRAINERS. WATERTIGHT DOORS - LOCAL 0610 - FW #3E
 BRIDGE. PUMPED BILGES + SHAFT ALLEY. CARRIED OUT NIGHT + EVAP #3-P
 STANDING ORDERS. ROUTINE WATCH. DIST. G-4, 800

WATCH ENGR'S SIGNATURE-

Henry Beeley

0800-1200 WATCH

UNDERWAY ON 18 NOZZ. MACH. AS BEFORE.
 BLOW TUBES ON B-3&4 B/P BRIDGE @ 0800. FIRE WARNING SYSTEM FO - INB
 TESTED @ 0830. HELD ENG. CASUALTY DRILL E-11. BRIDGE NOTIFIED. FW - #3E
 1000-1020. SHIFTED + CLEANED F.O. DISCH. STRAINERS. PUMPED ENG. RM. EVAP - #3E
 + SHAFT ALLEY BILGES. DIST. - 4800

WATCH ENGR'S SIGNATURE-

Richard O. Saggerson

CHIEF ENGINEER

#3 BOILER #4
 701 P. ALK 1206
 935 T. ALK 1577
 290 CHLO 414
 40 PH. 4 40
 62 SO. 3 69
 8 PH
 WS. HRS.
 FS. HRS.
 41 FW 41
 7 PH 7
 41 ME 41
 A 6025

CHIEF ENGR'S SIGNATURE-

J. A. Halloran

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE					
San Juan Pope TAP-110		3-D		Yokosuka, Japan		San Francisco, Calif.		P-2-G		7-11-66					
		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		240	240	220	220	220	240								
DETENTION TIME															
REVOLUTION COUNTER (END OF WATCH)		4314 250	4036 800	4657 540	4078 190	4698 690	4121 600								
TOTAL REVOLUTIONS (FOR WATCH)		22420	22550	20740	20630	20600	22810								
AVERAGE RPM		93.4	94	94.3	93.8	93.2	95.5								
F.O. METER (END OF WATCH)		9417 040	9409 900	9412 410	9414 890	9417 320	9420 110								
F.O. CONSUMED		2510	2860	2570	2480	2430	2790								
PRESSURES	THROTTLE	435	436	435	435	435	435								
	H.P. AHEAD	435	435	435	435	435	435								
	L.P. AHEAD	20	20	20	20	20	24								
	VACUUM	28.5	29	29	28.5	29	29								
	L.O. TO TURBINES	14	14	14	14	14	14								
	AUX. STEAM	135	135	135	135	135	130								
	BACK PRESSURE	10	10	10	10	10	10								
	GLAND STEAM	0	0	0	0	0	0								
	H.P. BLEEDER	80	80	80	80	80	80								
	I.P. BLEEDER	10	10	707	10	10	7								
	L.P. BLEEDER	13	13	13	13	13	12								
	STEAM AT THROTTLE	715	710	705		710	705								
	L. P. EXHAUST	94	96	94	94	94	94								
	CONDENSATE	92	94	92	92	92	94								
CIRC. WATER IN	60	62	60	60	60	60									
CIRC. WATER OUT	75	74	74	75	75	75									
L.O. TO COOLERS	125	126	124	126	126	120									
L.O. FROM COOLERS	110	110	110	110	110	110									
TEMPERATURE THRUST BEARING	110	110	112	112	112	112									
FORWARD H.P. ROTOR BEARING	122	122	122	122	122	122									
AFT. H.P. ROTOR BEARING	124	124	124	124	124	124									
FORWARD L.P. ROTOR BEARING	127	127	127	127	127	127									
AFT. L.P. ROTOR BEARING	125	125	126	125	125	125									

WATCH	GENERATORS												FUEL - WATER AND LUBE OIL														
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL			DOMESTIC WATER			BOILER WATER			LUBE OIL			DIESEL OIL		
1200 TO 1600	4	1200	435	715	10	130	110		52	1200	1200	240	METER AT NOON			ON HAND AT START OF DAY			ON HAND AT START OF DAY			ON HAND AT START OF DAY			ON HAND AT START OF DAY		
													METER PREVIOUS NOON			EVAPORATED OR RECEIVED			EVAPORATED OR RECEIVED			RECEIVED			RECEIVED		
													CONSUMED BY METER			ON HAND			ON HAND			ON HAND			ON HAND		
													ON HAND AT START OF DAY			CONSUMED			CONSUMED			CONSUMED			CONSUMED		
													RECEIVED DURING DAY						ON HAND AT START OF DAY								
													EXPENDED DURING DAY						RECEIVED								
													REMAINING ON BOARD						ON HAND								
1600 TO 2000	4	1200	435	710	10	130	108		50	1250	1250	240	ON HAND AT START OF DAY			CONSUMED			CONSUMED								
													EVAPORATED OR RECEIVED						ON HAND								
													ON HAND						RECEIVED								
													CONSUMED						CONSUMED								
2000 TO 2400	4	1200	435	705	10	130	108		50	1150	1150	240	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)														
													L.O. CENTRIFUGE - HOURS OPERATED														
													1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200									
													3	4	3 2/3	3 2/3	3 2/3	4									
2400 TO 0400	4	1200	435	710	10	130	110		50	1200	1200	240	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											
0400 TO 0800	4	1200	435	710	10	132	112		50	1300	1300	240	TOTAL MILES BY OBSERVATION														
0800 TO 1200	4	1200	435	705	10	130	108		50	1250	1250	240															

REMARKS

1200-1600 WATCH

Underway on 18 Nov. - Mach. in oper. as follows - B-3&4, G-4, M-2, MC-4, ME-6, D-3&4, P-3&4, F-3&4, F.V. - 3P&S
 C-2, W-2, S-1, L-3, LC-2 and SP-2. Cleaned and changed F.O. Disch. strainers. Tested L-4 and overspeed trip. F.O. - Outbd
 on M.H. Unit. Changed to Outbd Settler @ 1300. Held E/R Casualty Drill "E-13. (Bridge Notified). Raised Evap. - #1/P
 Vac. on G-4 @ 1330 and Put on Line @ 1400. Secured G-5. Cleaned LC-2. Trans. F.O. to Settlers from Dist. G - 4, 50
 #4 & 5. Spring Bearings Normal. Bilges @ Safe Level. Blown Tubes @ 1530 B/P from Bridge.

WATCH ENGR'S SIGNATURE-

William H. Leggett

1600-2000 WATCH

Underway 18 Nov. Mach. as before. Cleaned suc strainers. F.O. Outbd
 + 2 Burners. B-3. Pumped Bilges. Added 3 gal lube oil to P-3/P-4. FW #3 P/S.
 Routine maintenance. Carried out night + standing orders. Evap. #2 & #1 P
 Routine watch. 1915 watertight doors closed bridge. Dist. G. 4/00

WATCH ENGR'S SIGNATURE-

Henry Beeley

2000-2400 WATCH

Underway on 18 Nov. Mach. as before.
 Held Eng. Casualty Drill @ 2200 to 2230. Bridge Notified.
 Shifted + cleaned F.O. Disch. strainers. Shifted + inspec. G-4 L.O. strainers.
 Pumped Eng. Rm. + shift alloy Bilges. Shifted to Inbd Settler F.O. - Inbd
 @ 1130. Secured #2 Evaps @ 2400. Unable to reach Evap Flat FW - #3SR
 on 'J' circuit. Evap. - #1P
 Dist. - 4700

WATCH ENGR'S SIGNATURE-

Richard O. Lagman

2400-0400 WATCH

Underway on 18 Nov. - Mach. in oper. as before. Cleaned and changed F.O.
 Disch. strainers. Held E/R Casualty Drill "E-14 and Notified Bridge. Spring Bearings FW - #3/S
 Normal. Bilges @ Safe Level. Advanced clocks 20 min. Complied with Night and F.O. - Outbd
 Standing orders. Evap. - #1P
 Routine Underway Watch. Dist. G. - 3000

WATCH ENGR'S SIGNATURE-

William H. Leggett

0400-0800 WATCH

Underway 18 Nov. Mach. as before. Held E/R Casualty
 Drill E-9 - Bridge Notified. Cleaned Burners + F.O. suc strainers. F.O. Inbd.
 Pumped Bilges. Cleaned Bilge suc strainers. Carried out FW #3 & S
 Night + standing orders. Routine watch. Evap. #1 & 2
 Dist. G. 4300

WATCH ENGR'S SIGNATURE-

Henry Beeley

0800-1200 WATCH

Underway on 18 Nov. Mach. as before.
 Blown tubes on B-3+4 @ 0800. Held Eng. Casualty Drill E-14 @ 1000 - 1022. F.O. - Inbd
 Shifted + cleaned F.O. Disch. strainers. Pumped Eng. Rm. + shift alloy Bilges. FW - #2 & S
 Secured #2 Low Pressure Evaps @ 0800. Trans. F.O. from #6-S to Inbd Evap. - See.
 + Outbd Settlers. Dist. - See.

WATCH ENGR'S SIGNATURE-

Richard O. Lagman

CHIEF ENGINEER

#3 BOILER #4
 1255 P. ALR 210
 1810 T. ALR 2102
 307 CHLO 4.97
 40 PH. 4.40
 85 SO. 3.43
 11 PH 11
 WS. HRS. 1
 FS. HRS. 1
 41 PW. 41
 7 PH 7
 41 ALR 023

CHIEF ENGR'S SIGNATURE-

J. C. Halloran

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE								
Gen. John Pope TAP-110		3-0		Yokohama, Japan		San Francisco, Calif.		P-2-B		7-12-13-66								
		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	320	240			114	114	114	115	115				
DETENTION TIME										117	116	116	117	117				
REVOLUTION COUNTER (END OF WATCH)		4144 270	4167 146	4188 100	4390 230	4230 000	4252 770				92	92		92				
TOTAL REVOLUTIONS (FOR WATCH)		22770	22870	20960	20860	31040	22770			170	170	170	170	170	170			
AVERAGE RPM		94.9	95.2	95.3	94.8	95.1	94.9			240	240	240	240	240	238			
F.O. METER (END OF WATCH)		9422	9425	9427	9430	9432	9435											
F.O. CONSUMED		2630	2820	2440	2470	2470	2770											
PRESSURES	THROTTLE	435	435	435	440	440	440			P		710	710	705	710	710	712	
	H.P. AHEAD	435	435	435	440	440	440			S		710	710	705	710	710	712	
	L.P. AHEAD	24	24	24	24	34	19			P		150	150	150	150	150	150	
	VACUUM	28.5	28.5	28.5	28.5	28.5	28.5			S		106	100	105	106	110	105	
	L.O. TO TURBINES	14	14	14	14	14	14			P		90	90	85	85	85	90	
	AUX. STEAM	145	140	147	145	145	135			S		75	75	75	75	75	75	
	BACK PRESSURE	10	10	10	10	10	10			P		295	295	285	285	285	270	
	GLAND STEAM	0	0	0	0	0	0			S		275	275	270	270	270	270	
	H.P. BLEEDER	80	80	80	80	80	80			P		465	465	465	465	465	465	
	L.P. BLEEDER	10	10	10	10	10	10			S		195	195	195	195	195	195	
TEMPERATURES	L.P. BLEEDER	11	12	11	12	12	13			P		53/70	53/70	53/70	53/70	53/70	53/70	
	STEAM AT THROTTLE	710	710	705	710	710	712			S		51/55	51/55	51/55	51/55	51/55	51/55	
	L. P. EXHAUST	94	95	94	93	94	94			P		CO ₂ % STBD. BOILER						
	CONDENSATE	95	96	94	94	95	90			S		OIL LEVEL MAIN SUMP	12"	12	12	12"	12	12"
	CIRC. WATER IN	60	60	60	60	60	60			P		D.W. tank	16.4	16.2	16	16.8"	16.4"	14
	CIRC. WATER OUT	70	78	76	76	76	74			S								
	L.O. TO COOLERS	126	126	126	125	126	126			P								
	L.O. FROM COOLERS	110	110	110	110	110	110			S								
	TEMPERATURE THRUST BEARING	111	111	112	112	112	112			P								
	FORWARD H.P. ROTOR BEARING	132	132	123	123	123	122			S								
TEMPERATURES	AFT. H.P. ROTOR BEARING	122	122	122	124	124	125			P								
	FORWARD L.P. ROTOR BEARING	130	130	130	127	128	128			S								
	AFT. L.P. ROTOR BEARING	122	128	128	126	126	126			P								
	HOTTEST GEAR BEARING FORWARD									S								
	HOTTEST GEAR BEARING AFT									P								
	AUX. COND. CONDENSATE									S								
	1ST STAGE FEED WATER HEATER									P								
	D. C. FEED WATER HEATER									S								
	3RD STAGE FEED WATER HEATER									P								
	SUPER HEAT									S								
TEMPERATURES	F.O. TO BURNERS									P								
	AIR TO FURNACE									S								
	F.O. TEMP. IN SETTLING TANKS									P								
	PORT BOILER UPTAKE									S								
	STBD. BOILER UPTAKE									P								
	F. O. BACK PRESSURE									S								
	MAIN STEAM									P								
	F.O. TO BURNERS									S								
	MAIN COND. SALINITY									P								
	ENGINE ROOM TEMPERATURE									S								
TEMPERATURES	FIRE ROOM TEMPERATURE									P								
	NOZZLES IN USE									S								
	NO. OF BURNERS IN USE									P								
	BURNER TIP SIZE									S								
	CO ₂ % PORT BOILER									P								
	CO ₂ % STBD. BOILER									S								
	OIL LEVEL MAIN SUMP									P								
	D.W. tank									S								

1200-1600 WATCH

UNDERWAY ON 18 NOZZ. MACH. IN OPER. AS FOLLOWS-B-3&4, B-4, M-2, MC-4, ME-6, D-3&4, P-3&4, F-3&4, C-2, W-2, L-3, S-1, LC-2 AND SP-2. CLEANED F.O. DISCH. STRAINERS AND ALL BURNERS ON B-4. TEST LOW L.O. AND OVERSPEED TRIP ON MACH. UNIT, ALSO L-4 AND STBY F.O. S/PUMP TESTED. CHANGED TO OUTBD SETTLER @ 1230. FILLED L.O. DAY TK. FROM SETTLER. TRANS. F.O. FROM #4/P TO INBD & OUTBD SETTLERS. SPRING BEARINGS NORMAL. Bilges @ SAFE LEVEL. NO PERMISSION TO BLOW TUBES @ 1515. SP-2 SECURED @ 1545
FIRE DRILL AND STBY @ 1515 SECURED FIRE DRILL @ 1520. BOAT DRILL @ 1527-1533 44 @ 1533 1/2

WATCH ENGR'S SIGNATURE-

William W. Leggett

1600-2000 WATCH

UNDERWAY ON 18 NOZZ. MACH AS BEFORE. 3 gal OIL P-3 F.O. OUTBD
BLOW TUBES - 1605. CLEANED F.O. SUC. STRAINERS. PUMPED BILGES. FW #3 & 3
CLEANED BILGE SUC. STRAINER CARRIED OUT NITE + STANDING ORDERS. EVAP
ROUTINE MAINTENANCE. ROUTINE WATCH. 1935 WATERTIGHT DOORS CLOSED DIST. G.
- BRIDGE.

WATCH ENGR'S SIGNATURE-

Henry Beeley

2000-2400 WATCH

Underway on 18 Nozz. Mach. as before.
Held Eng. Casualty Drill E-15, (Bridge Notified) 2200 to 2220. F.O. - Outbd
Cleaned & shifted F.O. Disch. Strainers. Shifted & inspec. 6-4 L.O. FW - #3 &
Strainers. Advanced Clocks 20 min. Pumped Eng. Rm. & Shaft Alley. Evap. -
Bilges. Dist. -

WATCH ENGR'S SIGNATURE-

Richard O. Safferman

2400-0400 WATCH

Underway on 18 Nozz. -
CLEANED AND CHANGED F.O. DISCH. STRAINERS. HELD E/R CASUALTY DRILL E-15 (BRIDGE NOTIFIED). F.W. - #3 &
R/FACE STBY F/PUMP RELIEF VALVE (RELIEF PRESS. NOT ADJUSTED. SPRING BEARINGS F.O. - INB
NORMAL. Bilges @ SAFE LEVEL. NO CHANGES IN HP & LP END THRUST. ADVANCED CLOCKS 20 MIN.
COMPLIANT WITH NIGHT AND STANDING ORDERS.

WATCH ENGR'S SIGNATURE-

William W. Leggett

0400-0800 WATCH

UNDERWAY ON 18 NOZZ. MACH AS BEFORE. ADVANCED F.O. INBD
CLOCKS 20 MIN. CLEANED BURNERS + F.O. SUC. STRAINER. PUMPED FW #3 &
BILGES & SHAFT ALLEY. CARRIED OUT NITE + STANDING ORDERS.
HELD E/R CASUALTY DRILL - E-10. BRIDGE NOTIFIED.
ROUTINE WATCH.

WATCH ENGR'S SIGNATURE-

Henry Beeley

0800-1200 WATCH

Underway on 18 Nozz. Mach. as before
Blew tubes on B-3 & 4 B/P Bridge. F.O. - FW bld
Held Eng. Casualty Drill E-16 @ 1000-1020 Bridge Notified F.W. #3 &
Started #2 Evaps & put on line @ 0850. Shifted & cleaned F.O. Evap. #1-P
Disch. Strainers. Pumped Eng. Rm. & Shaft Alley Bilges. Dist. - 2000
Trans. F.O. from 4 P & 6 S to INBD & Outbd Settlers.

WATCH ENGR'S SIGNATURE-

Richard O. Safferman

CHIEF ENGINEER

HUTTON - FIREMAN - INJURED IN THE RIGHT LARGE TOE WHILE CLEANING BURNER.
PIN HOLDING BENCH RELEASED, TILTING BENCH FORWARD, ALLOWING EXTRA BURNER TO
FALL TO THE DECK STRIKING TOE. H. Beeley.

BOILER

1148 ALK

1460 ALK

207 CHLO

50 PH. 4

65 SO. 3

PH

WS. HRS.

FS. HRS.

41 FW

7 PH

41 MW

A 6025

CHIEF ENGR'S SIGNATURE-

R. O. Safferman

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	140	HOTTEST GEAR BEARING FORWARD	115	115	115	114	114	↑
DETENTION TIME							HOTTEST GEAR BEARING AFT	118	118	118	117	117	
REVOLUTION COUNTER (END OF WATCH)	4275 540	4298 350	4319 180	4340 180	4361 160	4370 270	AUX. COND. CONDENSATE		90	90		90	
TOTAL REVOLUTIONS (FOR WATCH)	22770	22910	20830	21000	20990	9110	1ST STAGE FEED WATER HEATER	170	170	168	170	170	
AVERAGE RPM	94.9	95.0	94.7	95.4	95.2	65.0	D. C. FEED WATER HEATER	240	240	240	240	238	
F.O. METER (END OF WATCH)	9438 390	9441 050	9443 540	9446 620	9448 510	9449 540	3RD STAGE FEED WATER HEATER						
F.O. CONSUMED	2730	2660	2490	2480	2490	1030	SUPER HEAT	P 715 S 715	720	720	720	715	
PRESSURES	THROTTLE	440	440	435	440	440	F.O. TO BURNERS	150	150	150	150	150	
	H.P. AHEAD	440	440	435	440	440	AIR TO FURNACE	P 106 S 106	108	105	104	100	
	L.P. AHEAD	20	20	20	20	20	F.O. TEMP. IN SETTLING TANKS	P 85 S 75	85	75	85	75	
	VACUUM	28.5	29.5	28.5	28.5	28.8	PORT BOILER UPTAKE	290	290	290	290	290	
	L.O. TO TURBINES	14	14	14	14	14	STBD. BOILER UPTAKE	285	280	280	280	280	
	AUX. STEAM	135	135	135	135	135	F.O. BACK PRESSURE						
	BACK PRESSURE	10	10	10	10	10	MAIN STEAM	465	465	465	465	465	
	GLAND STEAM	0	0.0	0	0	0.0	F.O. TO BURNERS	180/180	209/170	195/175	195/175	205/185	
	H.P. BLEEDER	80	80	80	80	80	MAIN COND. SALINITY	0.41	0.41	0.20	0.41	0.41	
	L.P. BLEEDER	10	7	10	10	9	ENGINE ROOM TEMPERATURE	81	81	80	83	81	
TEMPERATURES	STEAM AT THROTTLE	715	720	720	720	715	FIRE ROOM TEMPERATURE						
	L. P. EXHAUST	95	95	97	95	94	NOZZLES IN USE	18	18	18	18	18	
	CONDENSATE	92	92	91	83	86	NO. OF BURNERS IN USE	P 3 S 2	3	3	3	3	
	CIRC. WATER IN	60	60	60	57	54	BURNER TIP SIZE	P 53/70 S 51/55	53/70	53/70	53/70	53/70	
	CIRC. WATER OUT	76	76	76	72	70	CO ₂ % PORT BOILER						
	L.O. TO COOLERS	126	126	126	125	126	CO ₂ % STBD. BOILER						
	L.O. FROM COOLERS	110	110	110	110	110	OIL LEVEL MAIN SUMP	12"	12	12"	12	12	
	TEMPERATURE THRUST BEARING	110	112	110	110	110	DW TANK	15.7		16	17.2		
	FORWARD H.P. ROTOR BEARING	122	122	122	122	122							
	AFT. H.P. ROTOR BEARING	124	124	124	124	124							
	FORWARD L.P. ROTOR BEARING	127	127	127	127	128							
	AFT. L.P. ROTOR BEARING	126	126	126	126	126							

WATCH	GENERATORS												FUEL - WATER AND LUBE OIL											
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL		DOMESTIC WATER		BOILER WATER		LUBE OIL		DIESEL OIL			
													METER AT NOON					ON HAND AT START OF DAY						
													METER PREVIOUS NOON					EVAPORATED OR RECEIVED						
													CONSUMED BY METER					ON HAND						
													ON HAND AT START OF DAY					CONSUMED						
1200 TO 1600	4	1200	440	715	10	130	110		50	1250	1250	240	RECEIVED DURING DAY					ON HAND AT START OF DAY						
													EXPENDED DURING DAY					RECEIVED						
													REMAINING ON BOARD					ON HAND						
1600 TO 2000	4	1260	440	720	10	130	110		56	1300	1300	240	ON HAND AT START OF DAY					CONSUMED						
													EVAPORATED OR RECEIVED					ON HAND						
													ON HAND					RECEIVED						
2000 TO 2400	4	1200	435	720	10	130	110		50	1250	1250	240	CONSUMED					CONSUMED						
2400 TO 0400	4	1200	440	720	10	130	110		50	1250	1250	240												
	3	1200	440	720	9	135	115		60	—	—	240												
0400 TO 0800	4	1200	440	715	10	130	110		50	1400	1400	240												
0800 TO 1200	← Man u ver i ng →																							

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 2/3	3 2/3	3 2/3	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					

1200-1600 WATCH

UNDERWAY ON 18 Nozz. - Mach. in oper. Follows Per Mach. Code-B-3&4, B-4, H-2, H-3, ME-G, D-3&4, P-3&4, F-3&4, C-2, W-2, L-3, S-1, LC-2 AND 3P-2. CLEANED AND CHANGED F.O. DISCH. STRAINERS. TESTED L-4 AND STDBY F2 S/Pump. ALSO LOW L.O. TRIP AND OVERSPEED TRIP ON H.W.T. ADDED TWO TURNS OF PACKING TO AWT. C.I.R. HELD E/R CASUALTY DRILL E-16 FOR WATCH AND NOTIFIED BRIDGE. TRANS. F.O. FROM #6/S TO SETTLERS. SPRING BEARINGS NORMAL. Bilges @ SAFE LEVEL. BLOW TUBES @ 1530 B/P FROM BRIDGE. INSTALLED OVERSPEED TRIP GUARD ON G-3.

ROUTINE UNDERWAY WATCH

WATCH ENGR'S SIGNATURE-

William W. Leggett

1600-2000 WATCH

UNDERWAY ON 18 Nozz. MACH AS BEFORE - CLEANED BURNER & F.O. SUC STRAINER. CLEANED BILGE SUC. STRAINER & PUMPED BILGES CARRIED OUT NIGHT & STANDING ORDERS. ROUTINE WATCH.

F.O. OUTBD
F.W. #32
MUF
MU-U
EVAP #1-P
CAL-D 4500

WATCH ENGR'S SIGNATURE-

Henry Barclay

2000-2400 WATCH

underway on 18 Nozz. Mach. as before except: A-3, AC-2, AE-2, on line. Held Eng. Casualty Drill E-17 2200-2220, Bridge Notified. Split Plant @ 2230. Changed & cleaned F.O. Disch. Strainers. Pumped Eng. Rm. & Shaft Alloy Bilges.

F.O. OUTBD
F.W. #32
MUF
MU-U
EVAP #1-P
CAL-D 4800

WATCH ENGR'S SIGNATURE-

Richard C. Zegmann

2400-0400 WATCH

UNDERWAY ON 18 Nozz. - MACH. AS BEFORE EXCEPT RAISED VAC. ON G-3 AND STARTED TIDING. CLEANED F.O. DISCH. STRAINERS. SPRING BEARINGS NORMAL. Bilges @ SAFE LEVEL. HELD E/R CASUALTY DRILL E-17. ADVANCED CLOCKS. 30. ROUTINE UNDERWAY WATCH. 1 MIN -

F.O. INBD
F.W. #32
MUF
MU-U
EVAP
CAL-D 4200

WATCH ENGR'S SIGNATURE-

William W. Leggett

0400-0800 WATCH

UNDERWAY ON 18 Nozz. - MACH AS BEFORE. CARRIED OUT NIGHT & STANDING ORDERS. PUMPED BILGES. CLEANED F6 SUC. STRAINERS & BURNERS. WATERTIGHT DOORS UNDER LOCAL CONTROL 0630 - BRIDGE. ROUTINE WATCH

F.O. INBD
F.W. #32
MUF
MU-U
EVAP #1-P
CAL-D 4600

WATCH ENGR'S SIGNATURE-

Henry Barclay

0800-1200 WATCH

underway on 18 Nozz. 10 No-2. & 60 RPM @ 0800. 65 RPM @ 0915. Arrived & 65 RPM @ 1000. BLOW TUBES @ 0815. Changed to H-2 High Section @ 0945. Shifted & cleaned F.O. Disch. Strainers & Pumped Eng. Rm. & Shaft Alloy to Safe level. SUC. EVAP @ 1115

F.O. IN BD
F.W. #32
MUF
MU-U
EVAP #1-P
CAL-D 3500

WATCH ENGR'S SIGNATURE-

Richard C. Zegmann

CHIEF ENGINEER

BOILER

P. ALK

T. ALK

CHLO

PH. 4

SO. 3

PH

WS. HRS.

FS. HRS.

Arrival @ 1000 S-C = 04370240 - T-C = 07912370,
S.FOM = 06681886 - P.FOM = 02767660
FWE @ 1242 S-C = 04376000 - T-C = 07923230
S.FOM = 0682200 - P.FOM = 2767970

CHIEF ENGR'S SIGNATURE-

J. O'Halloran

REMARKS

1200-1600 WATCH

Docked @ ALAMEDA AIR STA. ALAMEDA, CALIF. PLANT SECURED - ELECTRICAL LOAD AND
 STA. RETURN DRS ON #1 E/R, W-2, SP-2 AND C-2 IN OPERATION. MAINT ON JACKING GEAR WITH
 L.O. AND COOLING WATER CIRCUIT B-324 VENTING.
 FWE @ 1242 BELLS PER BELL BOOK

F.O.
 F.W.
 MUF
 MU-U
 EVAP
 GAL-D

TACH. 07923230

CTR. 04376000 FOM. /P 2767970 S/6682200

WATCH ENGR'S SIGNATURE-

William H. Leggett

1600-2000 WATCH

IN PART. PLANT SECURED, PUMPED BILGES
 INSPECTED MACH SPACES.

F.O.
 F.W.
 MUF
 MU-U
 EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

Clemson

2000-2400 WATCH

F.O.
 F.W.
 MUF
 MU-U
 EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

PLANT SECURED
 INSPECTED ALL INDICATING, ALL SPACES

F.O.
 F.W.
 MUF
 MU-U
 EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

C. J. Engle

0400-0800 WATCH

PLANT SECURED
 INSPECTED ALL INDICATING, ALL SPACES

F.O.
 F.W.
 MUF
 MU-U
 EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

C. J. Engle

0800-1200 WATCH

IN PART. PLANT SECURED.
 BILGES DRY

F.O.
 F.W.
 MUF
 MU-U
 EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

Clemson

CHIEF ENGINEER

BOILER

P. ALK

T. ALK

CHLO

PH. 4

SO. 3

PH

WS. HRS.

FS. HRS.

CHIEF ENGR'S SIGNATURE-

J. O. Halloran

FWE TACH /P 07923230 FWE TACH /S 04555930 FWE CTR /P 04376000 FWE FOM /P 2767970
 ARR. TACH /P 07912370 ARR. TACH /S 07912370 ARR. FOM /P 2767970 ARR. FOM /S 6682200
 A 8025 ARR. CTR /P 04376000 ARR. FOM /P 2767970 FWE CTR /S 04562700 FWE FOM /S 6682200
 ARR. CTR /S 2556770 ARR. FOM /S 6681880

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
GEN JOHN POPE (TAP-110)				MOORED NAS ALAMEDA, CALIF				P-2-G		7-15/16	
WATCH											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
WATCH											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
MACH. PARTICULARS (CONT'D)											
HOTTEST GEAR BEARING FORWARD											
HOTTEST GEAR BEARING AFT											
AUX. COND. CONDENSATE											
1ST STAGE FEED WATER HEATER											
D. C. FEED WATER HEATER											
3RD STAGE FEED WATER HEATER											
SUPER HEAT P											
F.O. TO BURNERS S											
AIR TO FURNACE P											
F.O. TEMP. IN SETTLING TANKS S											
PORT BOILER UPTAKE											
STBD. BOILER UPTAKE											
F. O. BACK PRESSURE											
MAIN STEAM											
F.O. TO BURNERS											
MAIN COND. SALINITY											
ENGINE ROOM TEMPERATURE											
FIRE ROOM TEMPERATURE											
NOZZLES IN USE											
NO. OF BURNERS IN USE P											
BURNER TIP SIZE S											
CO ₂ % PORT BOILER											
CO ₂ % STBD. BOILER											
OIL LEVEL MAIN SUMP											
MISCELLANEOUS											
MACH. PARTICULARS											
THROTTLE											
H.P. AHEAD											
L.P. AHEAD											
VACUUM											
L.O. TO TURBINES											
AUX. STEAM											
BACK PRESSURE											
GLAND STEAM											
H.P. BLEEDER											
I.P. BLEEDER											
L.P. BLEEDER											
STEAM AT THROTTLE											
L. P. EXHAUST											
CONDENSATE											
CIRC. WATER IN											
CIRC. WATER OUT											
L.O. TO COOLERS											
L.O. FROM COOLERS											
TEMPERATURE THRUST BEARING											
FORWARD H.P. ROTOR BEARING											
AFT. H.P. ROTOR BEARING											
FORWARD L.P. ROTOR BEARING											
AFT. L.P. ROTOR BEARING											
GENERATORS											
WATCH											
GENERATOR NUMBER											
R.P.M.											
STEAM PRESSURE											
STEAM TEMP.											
L.O. PRESSURE											
L.O. TO COOLER											
L.O. FROM COOLER											
TEMP. OF HOTTEST BEARING											
L.O. GOVERNOR PRESSURE											
AMPS POSITIVE											
AMPS NEGATIVE											
VOLTS											
FUEL OIL											
METER AT NOON											
METER PREVIOUS NOON											
CONSUMED BY METER											
ON HAND AT START OF DAY											
RECEIVED DURING DAY											
EXPENDED DURING DAY											
REMAINING ON BOARD											
DOMESTIC WATER											
ON HAND AT START OF DAY											
EVAPORATED OR RECEIVED											
ON HAND											
CONSUMED											
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)											
L.O. CENTRIFUGE - HOURS OPERATED											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
SUMMARY											
RUNNING TIME											
DETENTION TIME											
TOTAL REVOLUTIONS											
AVERAGE R.P.M.											
TOTAL MILES BY ENGINE											
TOTAL MILES BY OBSERVATION											
PROPELLER SLIP (%)											
BBL FUEL MI											
WIND DIRECTION											
STATE OF SEA											
STATE OF WEATHER											

1200-1600 WATCH

IN PORT. PLANT SECURED
PUMPED BILGES.F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

Clemson

1600-2000 WATCH

PLANT SECURED. INSP. ALL MACHINERY SPACES. BILGES AT
SAFE LEVEL.F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

G. C. Henry

2000-2400 WATCH

PLANT SECURED. INSP. ALL MAIN SPACES. BILGES
AT SAFE LEVEL.F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

G. C. Henry

2400-0400 WATCH

PLANT SECURED
INSPECTED ALL MACHINERY. ALL SPACESF.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

J. J. Engle

0400-0800 WATCH

PLANT SECURED
INSPECTED ALL MACHINERY. ALL SPACESF.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

J. J. Engle

0800-1200 WATCH

PLANT SECURED

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

J. J. Engle

CHIEF ENGINEER

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

BOILER

P. ALK

T. ALK

CHLO

PH. 4

SO. 3

PH

WS. HRS. 1

FS. HRS. 1

CHIEF ENGR'S SIGNATURE-

J. J. Engle