

WATCH							WATCH						
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS													
TEMPERATURES													
PRESSURES													
MISCELLANEOUS													
MACHINERY PARTICULARS (CONT'D)													
TEMPERATURES (CONT'D)													
PRESSURES													
MISCELLANEOUS													

WATCH	GENERATORS												FUEL - WATER AND LUBE OIL											
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL				BOILER WATER				LUBE OIL			
1200 TO 1600	3	1200	430	740	9.7	146	136		62	1250	1250	240	METER AT NOON				ON HAND AT START OF DAY				ON HAND			
					9.8	147							METER PREVIOUS NOON				EVAPORATED OR RECEIVED				CONSUMED			
1600 TO 2000	4	1200	430	740	9.7	146	136		48	1250	1250	240	CONSUMED BY METER				ON HAND				ON HAND			
	3	1200	430	740	9	136	114		61	1200	1200	240	ON HAND AT START OF DAY				CONSUMED				CONSUMED			
2000 TO 2400	4	1200	430	740	9.7	146	136		48	1200	1200	240	RECEIVED DURING DAY				ON HAND AT START OF DAY				ON HAND AT START OF DAY			
	3	1200	430	740	9	136	114		62	1150	1150	240	EXPENDED DURING DAY				RECEIVED				RECEIVED			
2400 TO 0400	4	1200	430	740	9.7	146	136		48	1150	1150	240	REMAINING ON BOARD				ON HAND				ON HAND			
	3	1200	430	740	9	136	114		62	1150	1150	240	ON HAND AT START OF DAY				CONSUMED				CONSUMED			
0400 TO 0800	4	1200	430	740	9.8	146	136		48	1250	1250	240	EVAPORATED OR RECEIVED											
	3	1200	435	740	9	136	116		62	1050	1250	240	ON HAND											
0800 TO 1200	4	1200	435	740	9.8	146	136		48	1250	1250	240	CONSUMED											
	3	1200	430	740	9	136	114		62	1300	1300	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	4	4	4	4						
													SUMMARY											
			RUNNING TIME								PERCENT OF 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. - Machinery in operation follows as per Mach. Code - B-3R4, G-3R4, H-2, MC-3, ME-6, D-3R4, F-3R4, C-E, W-3, L-3, S-2, FS-3, SP-2 AND LC-2. Changed to Outbd Settler @ 1230. Changed STB F.O. Disch. STRAINER. Tested Low L.O. Trip and overspeed trip on Mn Unit. Replanished DC/Heater Eye Hi with Visilene "B". Cond Test 0.41 GPG. Reset LC-2 @ 1300.

WATCH ENGR'S SIGNATURE-

William H. Lyett

1600-2000 WATCH

1615 WENT TO 16 NOZZLES 1600 RETAINED THROTTLE DUE TO LOSS OF STEAM 1700 FULL THROTTLE. PUMPED BILDGES. CLEANED FUEL OIL SUC STRAINERS. MACH AS BEFORE. ROUTINE WATCH. REPAIRED ONE BURNER. WATERTIGHT DOOR. 1907 CLOSED

WATCH ENGR'S SIGNATURE-

Henry Bergley

2000-2400 WATCH

CHIEF ENG MRE HALLORAN 1600-1645

Underway on 16 Nozz. - Mach. as before.

Held Eng. Casualty Drill E-4 - Simulated Entg only. @ 2200-2220.

Changed + Cleaned F.O. Disch. Strainers. Cond. tested .3 GPG.

WATCH ENGR'S SIGNATURE-

Richard C. Seggman

2400-0400 WATCH

Underway on 16 Nozz. - Mach. in operation as before. HELD CASUALTY DRILL E-4 FOR WATCH - BRIDGE NOTIFIED. Changed to Inbd Settler @ 0100. Cond. Test 0.41 GPG.

WATCH ENGR'S SIGNATURE-

William H. Lyett

0400-0800 WATCH

Underway on 16 NOZZLES. HELD CASUALTY DRILL E-3. BRIDGE NOTIFIED. REPAIRED ONE BURNER. CLEAN FUEL OIL SUC STRAINER. MACH AS BEFORE. ROUTINE WATCH. WATERTIGHT DOORS. 0530 OPEN. CLEANED FUEL OIL BURNERS.

WATCH ENGR'S SIGNATURE-

Henry Bergley

0800-1200 WATCH

Underway on 16 Nozz. Mach. as before.

Blew tubes @ 0815. changed F.W. Suction from #3 E to #3 Port + STB @ 0915. Changed from 16 to 18 Nozz. @ 1055. Changed to Outbd Settler at 1105. Started to lose F.O. Pressure + changed back to Inbd Settler @ 1106. Rang up STB'y on Telegraph @ 1111. Changed to Outbd Settler @ 1135 Rang up W @ 1139. Changed back to 16 Nozz. @ 1143.

Chief Eng. in Eng. Rm. 0900 to 0910 + 1110 to 1200

WATCH ENGR'S SIGNATURE-

Richard C. Seggman

CHIEF ENGINEER

#3 #4
16.85 P. ALK 15.18
31.61 T. ALK 30.44
4.14 CHLO 4.14
12.5 PO. 4 4.5
5.7 SO. 3 4.7
11 PH 11
WS. HRS.
FS. HRS.
+41 FW 41
7.5 PH 8

CHIEF ENGR'S SIGNATURE-

M. O'Halloran

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	260	260	260	240	MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING	132	132	132	132	132
DETENTION TIME								FORWARD L. P. ROTOR BEARING	132	132	130	130	132
REVOLUTION COUNTER (END OF WATCH)	1590 050	1617 670	1634 740	1638 100	1681 380	1702 420		AFT. L.P. ROTOR BEARING	136	136	136	136	128
TOTAL REVOLUTIONS (FOR WATCH)	21450	21620	22070	23360	23280	21040		HOTTEST GEAR BEARING FORWARD	115	115	115	115	116
AVERAGE RPM	89.4	90.1	88.7	89.9	89.5	87.7		HOTTEST GEAR BEARING AFT	126	126	122	122	126
F.O. METER (END OF WATCH)	9086 930	9089 800	9093 170	9096 330	9099 500	9102 420		AUX. COND. CONDENSATE		112	114	112	114
F.O. CONSUMED	2750	2820	3370	3160	3170	2920		1ST STAGE FEED WATER HEATER	170	170	170	175	170
MACHINERY PARTICULARS	THROTTLE	430	430	430	435	435		D. C. FEED WATER HEATER	240	240	240	240	240
	H.P. AHEAD	430	430	430	435	435		3RD STAGE FEED WATER HEATER					
	L.P. AHEAD	21	21	21	22	21		F.O. TO BURNERS	185	185	180	180	180
	VACUUM	28.0	28.5	28.5	28.0	28.5		F.O. BACK PRESSURE					
	L.O. TO TURBINES	14	14	14	14	14		AIR TO FURNACE	126	126	128	131	131
	AUX. STEAM	130	130	130	130	125		UPTAKE	330 330	390 285	290 290	330 295	295 285
	BACK PRESSURE	10	10	10	10	10		MAIN STEAM	740	740	740	740	740
	GLAND STEAM	1.2	1.5	1.5	1.2	1.2		SUPER HEAT	465	465	465	465	465
	H.P. BLEEDER	80	75	80	80	75		F.O. TO BURNERS	250 150	240 110	250 115	220 135	210 135
	L.P. BLEEDER	14	14	12	14	14		F.O. TEMP. IN SETTLING TANKS	100	110	100	112	110
PRESSURES	STEAM AT THROTTLE	740	740	740	740	740	BOILER PARTICULARS	PORT BOILER UPTAKE					
	L.P. EXHAUST	93	105	115	114	113		STBD. BOILER UPTAKE					
	CONDENSATE	113	114	112	112	112		ENGINE ROOM TEMPERATURE	104	102	102	102	103
	CIRC. WATER IN	85	84	86	84	82		FIRE ROOM TEMPERATURE					
	CIRC. WATER OUT	95	96	98	97	96		NOZZLES IN USE	16	16	16	16	16
	L.O. TO COOLERS	125	126	126	125	125		NO. OF BURNERS IN USE	6	6	6	6	6
	L.O. FROM COOLERS	110	110	110	110	110		BURNER TIP SIZE	53/70 51/55	53/70 51/55	53/70 51/55	53/70 51/55	53/70 51/55
	TEMPERATURE THRUST BEARING	115	115	115	115	116		CO2 % PORT BOILER					
	FORWARD H.P. ROTOR BEARING	115	124	124	123	124		CO2 % STBD. BOILER					
								OIL LEVEL MAIN SUMP	N	N	N	N	N
TEMPERATURES							MISCELLANEOUS						

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		BOILER WATER		LUBE OIL		DOMESTIC WATER	
1200 TO 1600	3	1200	440	740	9	137	118		62	1300	1300	240	METER AT NOON			ON HAND AT START OF DAY				
			430										METER PREVIOUS NOON			EVAPORATED OR RECEIVED				
	4	1200	440	740	9.8	150	138		48	1300	1300	240	CONSUMED BY METER			ON HAND				
													ON HAND AT START OF DAY			CONSUMED				
1600 TO 2000	3	1200	430	740	9	136	118		61	1300	1300	240	RECEIVED DURING DAY			ON HAND AT START OF DAY				
													EXPENDED DURING DAY			RECEIVED				
	4	1200	430	740	9.7	150	138		48	1300	1300		REMAINING ON BOARD			ON HAND				
													ON HAND AT START OF DAY			CONSUMED				
2000 TO 2400	3	1200	430	740	9	137	118		61	1300	1300	240	EVAPORATED OR RECEIVED							
													ON HAND							
	4	1200	430	740	9.8	150	138		48	1300	1300	240	CONSUMED							
2400 TO 0400	3	1200	435	740	9	136	116		61	1300	1300	240								
	4	1200	435	740	9.8	148	136		48	1300	1300	240								
0400 TO 0800	3	1200	430	740	9	136	115		61	1400	1400	240								
	4	1200	430	740	9.8	148	135		48	1400	1400									
0800 TO 1200	3	1200	435	740	9	139	120		61	1600	1600	240								
	4	1200	435	740	9.8	150	139		48	1600	1600	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		
													4	4	4	4	4	4		
													SUMMARY							
													RUNNING TIME		PERCENT OF 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. - MACHINERY IN OPERATION FOLLOWS AS PER CODE - B-3&4, G-3&4, M-2, MC-3, ME-8, D-3&4, P-3&4, C-2, W-3, L-3, S-2, FS-3, LC-2 AND SP-2. #3 BOILER COMB. CONTROL ON MANUAL (AUTOMATIC BYPASS VALVE IN OPERATION) 1400 TESTED STEERING GEAR TRANS. ALARM FB-200. L-4 TESTED. CHANGED STD F.O DISCH. STRAINER. OPEN L P BLEEDER. BLOW TUBES ON B-3&4 (ENGINEERS 3 TIMES - S/TUBES TWICE) BILGE AT SAFE LEVEL.

WATCH ENGR'S SIGNATURE-

William H. Lippert

1600-2000 WATCH

UNDERWAY ON 16 NOZZLES. MACHINERY AS BEFORE. CLEANED FUEL OIL SUC STRAINER. MACH. AS BEFORE. PUMPED BILDGES. WATER TIGHT DOORS CLOSED 1935. - BRIDGE. CLEANED FUEL OIL BURNERS

WATCH ENGR'S SIGNATURE-

Henry Biegley

2000-2400 WATCH

Underway on 16 Nozz. - Mach. as before @ 2253 Retarded clocks 20 min. Cleaned + changed F.O. Strainers + changed + insp. Generator Strainers.

WATCH ENGR'S SIGNATURE-

Richard D. Saggaman

2400-0400 WATCH

Underway on 16 Nozz. - Mach. AS before Retarded Clocks 20 MIN. CLEANED STD F.O DISCH. STRAINER.

WATCH ENGR'S SIGNATURE-

William H. Lippert

0400-0800 WATCH

UNDERWAY ON 16 NOZZLES. MACH AS BEFORE. CLOCKS RETARDED 20 MIN @ 0500. CLEANED FUEL OIL SUC STRAINERS. FRESH WATER ON #3 CENTER.

WATCH ENGR'S SIGNATURE-

Henry Biegley

0800-1200 WATCH

CHIEF ENG MR CHALKHORAN 0700-0710 Underway on 16 Nozz. Mach. as before. Lost Fuel Oil Pressure due to loss of compressed air. @ 0800 - ST'by on Engine Order Tele. @ 0800 LT @ 0810. 1st Eng. + Chief Elec. made repairs to Air Compressor - now running satisfactorily. Blew tubes @ 0845. Changed from #3 ϕ to #3 P+S. F.W. water Suction @ 0817. Changed to Out'd Settler @ 1020.

WATCH ENGR'S SIGNATURE-

Richard D. Saggaman

CHIEF ENGINEER

#3 BOILER

#3 P. ALK 1402
#3 T. ALK 1752
331 CHLO 3.31
45 PH: 4 40
58 SO. 3 50
11 PH 11
WS. HRS.
FS. HRS.
41 FW 41
6.5 PH 7

CHIEF ENGR'S SIGNATURE-

J. O. Halloran

REMARKS

1200-1600 WATCH

Underway on 16 Nozz. - Machinery in operation follows per Mach. Code - D-3&4
 G-3&4 MC-4 ME-6 D-3&4 P-3&4 F-3&4 C-2 W-4 L-3 S-2 FS-3 AND SP-2. CLEANED
 LC-2. CLEANED STBD F.O. DISCH. STRAINER. CHANGED MV. UNIT L.O. STRAINER. OVERSPEED TRIP TESTED ON MV. UNIT
 F.O. SUCT. FROM OUTBD SETTLER. OVERHAULED STA/REDUCING VALVE TO AIR EJECTORS. 10'-FW
 FW SUCT. FROM #3. SMOKE IND. ALARM SOUNDED (BRIDGE NOTIFIED) COND. TESTED 0.4 GPG. 5'-DW
 DW SUCT. FROM DW/DB TK. BLEW TUBES ON B-3&4 B/P FROM BRIDGE. 24'-0/settler
 Routine Underway Watch

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

Underway on 16 Nozzles Mach as before. CLEANED FUEL
 OIL BURNERS, CLEANED SVC STRAINERS. 1905 WATERTIGHT DOORS
 CLOSED - BRIDGE. PUMPED BILGES - ROUTINE WATCH.

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

Underway on 16 Nozz. - Mach. as before. F.O. - Outbd 8' Inbd 24'
 Poured 5 gal. L.O. in #4 Feed Pump + 8 gal. in #3. F.W. - #3 P=Full - 2-7' S=Full
 Changed + Cleaned F.O. Disch. Strainers. Changed + inspec. Generator strainers
 Cond. tested .3 GPG.

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

Underway CLEANED & CHANGED F.O. DISCH.
 STRAINERS. TESTED STBD L.O/S PUMP. BILGES AT SAFE LEVEL. CHANGED FROM ME-6 TO
 ME-R. COND. TESTED 0.41 GPG. STBD @ 0245 4H @ 0251. SPRING BEARINGS NORMAL
 0230 EVAP. DISTILLING TO #3
 FW/SUCT. - #3 DW/MV-DW/DB SETTLER/SUCT. - Inbd @ 0030
 2/P-15' 2/S-15' 3/P-17' 3/S-22' 1/P-8' 1/S-20' DW/DB-5' INBD/S-18' OUTBD/S-1'
 22 17'

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

Underway on 16 Nozzles PUMPED BILGES + SHAFT ALLEY
 CLEANED FUEL OIL SVC STRAINERS. MACH AS BEFORE.
 ROUTINE WATCH. FUEL OIL SUC FROM #4 FORT. STAB IN BOARD.

WATCH ENGR'S SIGNATURE-

CHIEF ENG MR. O'HALLORAN 0705-0715

0800-1200 WATCH

Underway on 16 Nozz. - Mach. as before.
 Blew tubes @ 0805. Changed + cleaned F.O. Disch. Strainers.
 Pumped Bilges in Aft. Eng. Rm. + Shaft Alley. F.W. Suct.
 on Aft. Peak. #3 P=12' - 2=14'6" - S=7' #2 P=15' - S=16' DW TO AFT.
 Peak. Cond. tested .2 GPG.

WATCH ENGR'S SIGNATURE-

Chief Eng. in Eng. Rm 0935-0950

CHIEF ENGINEER

#3 - L.L.B. #4
 1285 P. ALK 1402
 1752 T. ALK 1752
 290 CHLO 331
 50 PH. 4 H5
 54 SO. 3 58
 11 PH 11
 WS. HRS.
 FS. HRS.

41 FW 41
 6 PH 7

CHIEF ENGR'S SIGNATURE-

O'Halloran

		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	340		MACHINERY PARTICULARS (CONT'D)		TEMPERATURES (CONT'D)		AFT. H. P. ROTOR BEARING		135	136	136	135	136	136
DETENTION TIME			—									FORWARD L. P. ROTOR BEARING		131	131	131	130	130	130
REVOLUTION COUNTER (END OF WATCH)		1853 310	1874 900	1896 500	1918 070	1939 440	1961 180					AFT. L. P. ROTOR BEARING		126	126	126	126	126	126
TOTAL REVOLUTIONS (FOR WATCH)		21600	21595	21600	21570	21370	21740					HOTTEST GEAR BEARING FORWARD		115	116	116	116	126	126
AVERAGE RPM		90.0	90.0	90.0	89.9	89.1	90.6					HOTTEST GEAR BEARING AFT		124	124	124	124	124	126
F.O. METER (END OF WATCH)		9122 810	9122 650	9128 600	9131 470	9134 280	9137 120					AUX. COND. CONDENSATE			116	115		116	116
F.O. CONSUMED		2890	2840	2950	2970	2810	2840					1ST STAGE FEED WATER HEATER		170	170	169	170	170	169
MACHINERY PARTICULARS		THROTTLE		435		435	435	435	435			D. C. FEED WATER HEATER		240	240	240	240	240	240
		H.P. AHEAD		435	435	435	435	435	435			3RD STAGE FEED WATER HEATER							
		L.P. AHEAD		21	21	21	21	21	18			F.O. TO BURNERS		180	184	180	180	180	180
		VACUUM		28.5	28.5	28.5	28.5	28.5	28.5			F. O. BACK PRESSURE							
		L.O. TO TURBINES		14	14	14	14	14	14			AIR TO FURNACE		134	132	132	135	135	
		AUX. STEAM		135	135	135	135	135	132			UPTAKE		380 320	380 295	380 295	380 290	380 290	380 295
		BACK PRESSURE		10	10	10	10	10	10			MAIN STEAM		740	758	740	740	740	740
		GLAND STEAM		1.0	1.0	1.0	1.0	1	1.0			SUPER HEAT		465	465	465	465	465	465
		H.P. BLEEDER		77	79	78	80	75	78			F.O. TO BURNERS		220 120	225 110	220 115	215 120	220 120	
		I.P. BLEEDER			—							F.O. TEMP. IN SETTLING TANKS		114	104	110	105	110	105
MACHINERY PARTICULARS		L.P. BLEEDER		13	14	12	13	13	12			PORT BOILER UPTAKE							
		STEAM AT THROTTLE		740	750	740	740	740	740			STBD. BOILER UPTAKE							
		L.P. EXHAUST		115	115	116	115	115	116			ENGINE ROOM TEMPERATURE		105	102	102	102	102	104
		CONDENSATE		114	112	114	113	113	113			FIRE ROOM TEMPERATURE							
		CIRC. WATER IN		84	83	84	84	84	84			NOZZLES IN USE		16	16	16	16	16	16
		CIRC. WATER OUT		95	95	98	98	98	98			NO. OF BURNERS IN USE		6	6	6	6	6	6
		L.O. TO COOLERS		126	125	126	126	126	126			BURNER TIP SIZE		53/70 51/55	53/70 51/55	53/70 51/55	53/70 51/55	53/70 51/55	53/70 51/55
		L.O. FROM COOLERS		110	110	110	110	110	110			CO ₂ % PORT BOILER							
		TEMPERATURE THRUST BEARING		115	115	115	115	115	115			CO ₂ % STBD. BOILER							
		FORWARD H.P. ROTOR BEARING		125	126	126	125	125	125			OIL LEVEL MAIN SUMP		N	N	N	N	N	N

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		
1200 TO 1600	3	1200	440	740	9	138	116		62	1500	1500	240	METER AT NOON			ON HAND AT START OF DAY		
													METER PREVIOUS NOON			EVAPORATED OR RECEIVED		
	4	1200	440	740	9.8	150	138		47	1500	1500	240	CONSUMED BY METER			ON HAND		
1600 TO 2000	3	1200	440	750	9.0	138	116		62	1350	1350	240	ON HAND AT START OF DAY			CONSUMED		
													RECEIVED DURING DAY			ON HAND AT START OF DAY		
	4	1200	440	750	9.8	150	138		47	1350	1350	240	EXPENDED DURING DAY			RECEIVED		
2000 TO 2400	3	1200	435	740	9	138	117		62	1350	1350	240	REMAINING ON BOARD			ON HAND		
													ON HAND AT START OF DAY			CONSUMED		
	4	1200	435	740	9.8	148	137		47	1350	1350	240	EVAPORATED OR RECEIVED					
2400 TO 0400	3	1200	435	740	9	137	115		62	1350	1350	240	ON HAND					
													CONSUMED					
	4	1200	435	740	9.8	148	137		47	1350	1350	240	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)					
0400 TO 0800	3	1200	436	740	9	136	115		62	1450	1450	240	L.D. CENTRIFUGE - HOURS OPERATED					
												1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
	4	1200	435	740	9.8	148	138		47	1450	1450	240	4	4	4	4	4	4
0800 TO 1200	3	1200	435	740	9	138	118		61.5	1550	1550	240	SUMMARY					
												RUNNING TIME			PERCENT OF SLIP			
	4	1200	435	740	9.8	148	138		47	1450	1450	240	DETENTION TIME			BBL FUEL/MI		
												TOTAL REVOLUTIONS			WIND DIRECTION			
	3	1200	435	740	9	138	118		61.5	1550	1550	240	AVERAGE R.P.M.			STATE OF SEA		
												TOTAL MILES BY ENGINE			STATE OF WEATHER			
	4	1200	435	740	9.6	150	136		47	1550	1550	240	TOTAL MILES BY OBSERVATION					

REMARKS

1200-1600 WATCH

UNDERWAY ON 16 Nozz. - Mach. in operation follow 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, L-3, S-2

LC-2, SFN and SP-2. Cleared and changed F.O. Disch. STRAINERS - M.U. Unit L.O.

STRAINER CHANGED AND CLEANED. CHANGED TO OUTBD SETTLER @ 1230. TESTED LOW

L.O. AND OVERSPEED TRIP ON M.U. UNIT, ALSO STBY L.O. S/PUMP. SPRING BEARINGS NORMAL. COND. TEST 0.41 GPG

Bilges @ SAFE Level. BLEW TUBES B/P FROM BRIDGE. ADDED 3 GAL. L.O. TO #4 M.F./PUMP.

TRANS. 140 BCLs. F.O. FROM #9 & #5 P/S TO F.O. SETTLERS WATCH ENGR'S SIGNATURE - William H. Leggett

1600-2000 WATCH

UNDERWAY ON 16 NOZZLES. MACH AS BEFORE PUMPED

BILDGES + SHAFT ALLEY. CLEANED FUEL OIL BURNERS

CLEANED FUEL OIL SUC STRAINERS. WATERTIGHT DOORS, CLOSED

@ 1930 - BRIDGE. ROUTINE WATCH - WATERTIGHT DOOR TO

SHAFT ALLEY REFUSES TO OPEN CHIEF ENG MRO HALLORAN NOTIFIED.

WATCH ENGR'S SIGNATURE - Henry Beezley

2000-2400 WATCH

Underway on 16 Nozz. - Mach. as before.

shifted + cleaned F.O. Strainers. shifted + inspec. Generator strainers

on #3 + 4 Gen. Pumped Eng. + Shaft Alley Bilges. Added

7 gal. L.O. to #3 Feed Pump.

WATCH ENGR'S SIGNATURE - Richard O. Soggerman

2400-0400 WATCH

Underway on 16 Nozz. - Mach. in operation as before. Cleared F.O.

Disch. STRAINERS. TESTED STBY L.O. S/PUMP. SPRING BEARINGS NORMAL. Bilges

AT SAFE Level. COND. TESTED 0.41 GPG. CHANGED TO OUTBD SETTLER @ 0030.

Routine Underway Watch.

WATCH ENGR'S SIGNATURE - William H. Leggett

0400-0800 WATCH

UNDERWAY ON 16 NOZZLES MACH. AS BEFORE BILDGES PUMPED

CLEANED FUEL OIL SUC STRAINER. ROUTINE WATCH.

SUC ON INBD SETTER - 11.

WATCH ENGR'S SIGNATURE - Henry Beezley

0800-1200 WATCH

ON 16 Nozz. - Mach. as before. Blew tubes @ 0810. Fire Warning

system tested @ 0849. Fire Drill @ 1016 & 1027. Abandon ship Drill @ 1030-1039

STBY @ 1017 - Ltr @ 1039. Shifted + cleaned F.O. strainers (Disch). Shifted

from 10th Sta. to I.P. Bladder @ 1010. Changed to Outbd Settler

@ 1100. Cond. Tested 0.3 GPG.

WATCH ENGR'S SIGNATURE - Richard O. Soggerman

CHIEF ENGINEER

BOILER

#3 #4

1343 P. ALK 12.85

1694 T. ALK 16.94

414 CHLO 249

45 PH. 4 40

47 SO. 3 47

11 PH 11

WS. HRS.

FS. HRS.

41 FW 41

8 PH 8

CHIEF ENGR'S SIGNATURE - J. O'Halloran

USNS Gen. Pope VOYAGE NO. 3-A FROM San Francisco TO Vietnam TYPE OF VESSEL P-2-H DATE 22-23 June 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	260	260	260	240	MACHINERY PARTICULARS (CONT'D)		TEMPERATURES (CONT'D)		AFT. H. P. ROTOR BEARING							
DETENTION TIME						7						FORWARD L. P. ROTOR BEARING							
REVOLUTION COUNTER (END OF WATCH)		2982 460	2063 990	2026 930	2050 910	2083 480	2094 720	MACHINERY PARTICULARS (CONT'D)		TEMPERATURES (CONT'D)		AFT. L. P. ROTOR BEARING							
TOTAL REVOLUTIONS (FOR WATCH)		21280	21630	22940	23280	23270	21240					HOTTEST GEAR BEARING FORWARD							
AVERAGE RPM		88.7	89.7	88.2	89.6	89.6	88.5	MACHINERY PARTICULARS (CONT'D)		TEMPERATURES (CONT'D)		HOTTEST GEAR BEARING AFT							
F.O. METER (END OF WATCH)		9139 720	9142 380	9145 230	9148 380	9151 410	9157 060					AUX. COND. CONDENSATE							
F.O. CONSUMED		2600	2660	2850	3050	3130	2650	MACHINERY PARTICULARS (CONT'D)		TEMPERATURES (CONT'D)		1ST STAGE FEED WATER HEATER							
												D. C. FEED WATER HEATER							
MACHINERY PARTICULARS		THROTTLE		440	440	435	435	435	435	MACHINERY PARTICULARS (CONT'D)		TEMPERATURES (CONT'D)		3RD STAGE FEED WATER HEATER					
		H.P. AHEAD		440	440	435	435	435	435										
		L.P. AHEAD		21	21	16	22	21	16										
		VACUUM		28.5	28.5	28.5	28.5	28.5	28.5										
		L.O. TO TURBINES		14	14	14	14	14	14										
		AUX. STEAM		125	135	135	125	125	132										
		BACK PRESSURE		10	10	10	10	9	10										
		GLAND STEAM		1.0	.4	.4	0	1.7	.4										
		H.P. BLEEDER		80	75	78	80	72	80										
		I.P. BLEEDER		7	7	7	7	7	7										
L.P. BLEEDER		13	13	14	13	13	14	MACHINERY PARTICULARS (CONT'D)		TEMPERATURES (CONT'D)		F.O. TO BURNERS							
STEAM AT THROTTLE		740	740	740	740	745	740					F.O. BACK PRESSURE							
L.P. EXHAUST		115	114	115	114	114	115					AIR TO FURNACE							
CONDENSATE		116	114	111	114	112	111					UPTAKE							
CIRC. WATER IN		87	84	85	86	84	85					MAIN STEAM							
CIRC. WATER OUT		100	100	98	98	98	98					SUPER HEAT							
L.O. TO COOLERS		126	126	125	125	125	125					F.O. TO BURNERS							
L.O. FROM COOLERS		110	110	110	110	110	110					F.O. TEMP. IN SETTLING TANKS							
TEMPERATURE THRUST BEARING		115	116	115	115	115	115					PORT BOILER UPTAKE							
FORWARD H.P. ROTOR BEARING		125	125	125	125	125	125					STBD. BOILER UPTAKE							
TEMPERATURES		MACHINERY PARTICULARS		PRESSURES		PRESSURES		MACHINERY PARTICULARS (CONT'D)		TEMPERATURES (CONT'D)		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							

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	
1200 TO 1600	3	1200	435	740	9	139	139		62	1500	1500	240	METER AT NOON					ON HAND AT START OF DAY		
													METER PREVIOUS NOON					EVAPORATED OR RECEIVED		
													CONSUMED BY METER					ON HAND		
													ON HAND AT START OF DAY					CONSUMED		
													RECEIVED DURING DAY					ON HAND AT START OF DAY		
													EXPENDED DURING DAY					RECEIVED		
													REMAINING ON BOARD					ON HAND		
													ON HAND AT START OF DAY					CONSUMED		
1600 TO 2000	3	1200	435	740	9	138	120		62	1400	1400	240	EVAPORATED OR RECEIVED							
													ON HAND							
													CONSUMED							
2000 TO 2400	4	1200	435	740	9.8	150	136		47	1400	1400	240								
	3	1200	435	740	9	138	120		61.5	1350	1350	240								
					9.															
2400 TO 0400	4	1200	435	740	9.7	150	136		47	1350	1350	240								
	3	1200	435	740	9	137	118		62	1400	1400	240								
	4	1200	435	740	9.7	148	135		47	1400	1400	240								
0400 TO 0800	3	1200	435	745	9	136	118		62	1550	1550	240								
	4	1200	435	745	9.7	148	135		47	1550	1550	240								
0800 TO 1200	3	1200	435	740	9	138	120		62	1550	1550	240								
	4	1200	435																	
	4	1200	435	740	9.7	150	136		47	1550	1550	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	
														4	4	4 1/2	3 1/2	4 1/3	4	
														SUMMARY						
														RUNNING TIME		PERCENT OF 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 operation follows as per Mach. Code -
 B-384, B-384, M-2, MC-4, ME-R, D-384, P-384, F-384, C-2, W-3, L-3, S-2,
 LC-2, SFW-2 and SP-2. Tested Low L.O. Trip and Overspeed Trip on M.N. Unit.
 Changed and cleaned F.O. Disch. STRAINERS. Also cleaned and changed M.N. Unit L.O. STRAINERS.

F.O. - 1/10
 F.W. - #3 P/S
 MUF
 MU-U
 EVAP - #3
 GAL-D - 5,600 G

BILGES ARE AT SAFE LEVEL. SPRING BEARINGS NORMAL EXCEPT #2 SLIGHTLY OVERHEATING.
 Flushing same To keep Temp. down. Blew Tubes B/P FROM BRIDGE. COND. TEST 0.41 GPG.
 TRANS. 173 BOLS. F.O. To OUTBD SETTLER. 40 BOLS. To LUBS. FROM 5 & 6 S/P

WATCH ENGR'S SIGNATURE -

William W. Lyght

1600-2000 WATCH

UNDERWAY ON 16 NOZZLES MACH AS ABOVE
 FUEL OIL BURNERS CLEANED FUEL OIL SUC STRAINER CLEANED
 BILGES & SHAFT ALLEY PUMPED ROUTINE WATCH

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

CHIEF ENG. MR CHALLORAN 1855 - 1910

WATCH ENGR'S SIGNATURE -

Henry Beeley

2000-2400 WATCH

16 Nozz. - Mach. as before. Shifted F.W. Suct. from #3 P+S to #3 P. @ 2045
 Shifted DW Fill from 3 & to 3 S. @ 2045 Shifted D.W. Fill from 3 S to 3 &
 @ 2245. Retarded Clocks @ 2245. - 30 min. Shifted & cleaned F.O. Disch.
 Strainers. Changed & insp. Generator #3 & 4 L.O. Strainers. Pumped Eng. Rm.
 & Shaft Alley Bilges. Cond. tested .2 G.P.G.

F.O. - In b'd
 F.W. - #3 P
 MUF
 MU-U
 EVAP - #1 & 2
 GAL-D 11,400

WATCH ENGR'S SIGNATURE -

Richard C. Seggman

2400-0400 WATCH

UNDERWAY ON 16 Nozz. - Mach. AS BEFORE. TEST RUN STBY L.O/S PUMP.
 Changed and cleaned F.O. Disch. STRAINERS. Cleaned L.O. Purifier. COND. TEST 0.41 GPG.
 SPRING BEARING TEMP. SAFE. BILGES AT SAFE LEVEL. RETARDED CLOCKS 20 MIN.
 ROUTINE UNDERWAY WATCH. Secured #3 STBY F.W. Suct. To get even Keel.

F.O. - OUTBD
 F.W. - #3 P/S
 MUF
 MU-U
 EVAP - #1/P
 GAL-D - 11,800 G

WATCH ENGR'S SIGNATURE -

William W. Lyght

0400-0800 WATCH

UNDERWAY ON 16 NOZZLES. MACH. AS BEFORE
 F.W. SUC FROM #3 C To FORE PEAK @ 0650 DISTING TO #3 P.
 CLEANED FUEL OIL SUC STRAINERS, PUMPED BILGES & SHAFT
 ALLEY. CARRIED OUT STANDING ORDER. ROUTINE WATCH.
 INBD SETTLER. - 11' - 11 1/2'

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

CHIEF ENG. MR. CHALLORAN 0650 -

WATCH ENGR'S SIGNATURE -

Henry Beeley

0800-1200 WATCH

on 16 Nozz. - Mach. as before. Blew tubes @ 0800. Fire Waterting.
 system tested 0841. Shifted Pot. w. Suct. to #3 P+S. @ 0850.
 Shifted & cleaned F.O. Strainers. Oil King Trans. F.O. from 5 & 6 S To
 Inbd & Outbd Settlers. Pumped Eng. Rm. & Shaft Alley Bilges. Cond.
 tested .3 G.P.G. 'J' Telephone circuit out of order - called elect.
 @ 1000 - Elect. still working on phone.

F.O. - In b'd
 F.W. - #3 P+S
 MUF
 MU-U
 EVAP - #3
 GAL-D 10,600

WATCH ENGR'S SIGNATURE -

Richard C. Seggman

CHIEF ENGINEER

BOILER #

#3 #4
 1343 P. ALK 16.94
 1994 T. ALK 21.61
 3.31 CHLO 3.73
 40 P. 4 30
 48 SO. 3 79
 11 PH 11
 WS. HRS.
 FS. HRS.

CHIEF ENGR'S SIGNATURE -

J. C. Halloran

141 FW 141
 7 PH 8

WATCH	GENERATORS												FUEL - WATER AND LUBE OIL					
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	BOILER WATER	LUBE OIL			
1200 TO 1600	3	1200	440	740	9	138	118		62	1500	1500	240	METER AT NOON		ON HAND AT START OF DAY			
													METER PREVIOUS NOON		EVAPORATED OR RECEIVED			
	4	1200	440	740	9.7	150	136		47	1500	1500	240	CONSUMED BY METER		ON HAND			
													ON HAND AT START OF DAY		CONSUMED			
1600 TO 2000	3	1200	440	740	9	138	118		62	1400	1400	240	RECEIVED DURING DAY		ON HAND AT START OF DAY			
													EXPENDED DURING DAY		RECEIVED			
	4	1200	440	740	9.7	150	136		47	1400	1400	240	REMAINING ON BOARD		ON HAND			
													ON HAND AT START OF DAY		CONSUMED			
2000 TO 2400	3	1200	440	740	9	136	116		61	1400	1400	240	ON HAND AT START OF DAY					
													EVAPORATED OR RECEIVED					
	4	1200	440	740	9.7	150	139		47	1400	1400	240	ON HAND					
													CONSUMED					
LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)																		
L.O. CENTRIFUGE - HOURS OPERATED																		
1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200								
4		4		4		4												
SUMMARY																		
RUNNING TIME						PERCENT OF 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 operation follows per Mach. Note. B-384 G-384, M-2, MC-4, ME-R, D-384, P-384, F-384, W-3, L-3, S-2, LC-2 and SP-2. Tested Low L.O. and overspeed trip on main unit. Cleaned & changed F.O. Disch. strainers. Tested STDY L.O. S/Pump. Changed to INBD. Settler @ 1230. Suct. from #3 FW/TK @ 1430 also secured SP-2 B/O of D/R. Spring bearings normal, Bilges @ safe level. Circuits 2JX & 3JX are out of service. Trans. F.O. from #6 P/S to settlers. Adjusted P/Blands on P-384, SP-2 on line @ 1545. Blew tubes on B-384 B/P from bridge. Routine watch. WATCH ENGR'S SIGNATURE: William H. Sargent

1600-2000 WATCH

Underway on 16 nozzles mach, as above. Cleaned burners; cleaned fuel oil suc strainers. Pumped bilges & shaft alley; carried out all standing orders. Routine watch. OUTBD settler 17'

F.O. INBD
F.W. #3 &
MUF
MU-U
EVAP #3 P/S
GAL-D 10,700 G

WATCH ENGR'S SIGNATURE: Henry Beasley

2000-2400 WATCH

Underway on 16 Nozz. - Mach. as before. Changed F.O. Disch. strainers. Add 5 gals. L.O. to #3 & #4 Feed Pumps. Pumped Eng. Rm. & shaft alley Bilges. Cond. tested .4 G.P.G.

F.O. Out b'd
F.W. #3 &
MUF DW. TK.
MU-U
EVAP #3 P/S
GAL-D 10,400

WATCH ENGR'S SIGNATURE: Richard O. Saggan

2400-0400 WATCH

Underway on 16 Nozz. - Mach. as before. Cleaned & changed F.O. Disch. strainers. Tested STDY L.O. S/Pump. Changed to INBD settler @ 0130 also started Dist. to #3 & FW Suct. from #3 P/S. Bilges at safe level. Spring bearings normal. Cond. test .41 G.P.G. No communication to E/R by circuits 1, 2JX & 3JX.

F.O. INBD
F.W. #3 P/S
MUF
MU-U
EVAP #3 P/S
GAL-D 10,700 G

WATCH ENGR'S SIGNATURE: William H. Sargent

0400-0800 WATCH

Underway on 16 nozzles. Mach. as before. Cleaned fuel oil suc strainers. Pumped bilges & shaft alley. INBD settler 14'. Carried out standing orders. Go to 14 nozzles @ 0800.

F.O. INBD
F.W. #3 P/S
MUF
MU-U
EVAP #3 P/S
GAL-D 10,700

WATCH ENGR'S SIGNATURE: Henry Beasley

0800-1200 WATCH

Underway on 16 Nozz. - Mach. as before. Transferred F.O. from #6 P/S to INBD & OUTBD Settlers. Blew tubes #3 & #4 Boilers @ 0805. Fire Warning System tested. J circuit Telephone restored @ 1030. Shifted & cleaned F.O. Disch. strainers. Pumped Eng. Rm. & shaft alley Bilges. Cond. tested .4 G.P.G.

F.O. INBD
F.W. #3 P/S
MUF
MU-U
EVAP #3 P/S
GAL-D 10,400

Chief Eng. in Eng. Rm. 0815 to 0950
CHIEF ENGINEER

WATCH ENGR'S SIGNATURE: Richard O. Saggan

#3 BOILER
#4
1577 P. ALK 10.94
1810 T. ALK 22.19
390 CHLO 4.49
45 PD. 4 5.0
6 SO. 3 8.5
4 PH 1.1
WS. HRS.
FS. HRS.
41 FW 41
7 PH 7.50

CHIEF ENGR'S SIGNATURE: J. O'Halloran

WATCH	GENERATORS												FUEL - WATER AND LUBE OIL					
	GENERATOR NUMBER	R. P. M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	BOILER WATER	LUBE OIL			
1200 TO 1600	5	1200	440	690	9	130	120		62	1150	1150	240	METER AT NOON		ON HAND AT START OF DAY			
													METER PREVIOUS NOON		EVAPORATED OR RECEIVED			
													CONSUMED BY METER		ON HAND			
													ON HAND AT START OF DAY		CONSUMED			
													RECEIVED DURING DAY		ON HAND AT START OF DAY			
													EXPENDED DURING DAY		RECEIVED			
													REMAINING ON BOARD		ON HAND			
1600 TO 2000	3	1200	440	680	9	138	120		62			240	ON HAND AT START OF DAY		CONSUMED			
													EVAPORATED OR RECEIVED					
													ON HAND					
													CONSUMED					
2000 TO 2400	4	1200	440	680	9.7	148	140		47			240	DOMESTIC WATER					
													ON HAND AT START OF DAY					
													EVAPORATED OR RECEIVED					
													ON HAND					
													CONSUMED					
2400 TO 0400	3	1200	425		9	138	120		62	1100	1100	240	LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)					
0400 TO 0800	4	1200	425		9.6	150	140		47	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	4			
0800 TO 1200	3	1200	435		9	136	118		62	1150	1150	240	SUMMARY					
													RUNNING TIME		PERCENT OF 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

Anchored @ Vung Tau, S/Viet-Nam with B-4, G-3 & 4, H-2, MC-3, HE-R, A-2 L-3 F.O. - OUTBL.
 AC-2, AE, D-4, P-3, F-4 C-2, W-3, S-2, LC-2 and SP-2, Bilges @ Safe Level. F.W. - #3/PB5
 ARR. @ 1527 Reduced Speed Down on Block @ 1410. ARR. @ 1430. SBE @ 1527. MUF
 PLANT SPLIT @ 1400. MU-U
 EVAP - #7PB5
 GAL-D -

ARR. @ 02236220 F.O.M. - 9/17/746

FMT-Wanner Oiler-Dance Elect. Porter Refr

WATCH ENGR'S SIGNATURE-

William W. Leggett

1600-2000 WATCH

AT ANCHOR ON STAND BY @ VUNG GAV. STAB BOILER OFF F.O.
 THE LINE. TURBINE ON JACKING GEAR. F.W. ON #3 P TANK. F.W.
 5 gal Oil to STAB #3 FEED PUMP G3 + G4; W3; ME+R 1st STAGE; H3 MUF
 AC3; D4; P3; C2; B4 IN OPERATION. CIR. WATER TO MAIN LUB MU-U
 OIL COOLER SECURED. #3-BOILER - BOTTOM BLOW EVAP
 ON BOARD - 18' - 116. GAL-D

WATCH ENGR'S SIGNATURE-

Henry Beasley

2000-2400 WATCH

At Anchor - On St'dby. Mach. as before. Changed + cleaned F.O.
 Disch. Strainers. Changed + inspec. L.O. Strainers on Gen. #3 + 4 F.O. outbl
 F.W. #3P
 MUF ON TH
 MU-U
 EVAP secured
 GAL-D 10,200

WATCH ENGR'S SIGNATURE-

Richard O. Saggan

2400-0400 WATCH

AT ANCHOR AS BEFORE WITH S.B.E. CHANGED F.O. DISCH. STRAINERS. F.O. - INB5
 Bilge AT SAFE LEVEL. Complied with Night and Standing orders. F.W. - #3P
 Routine Port Watch. MUF
 MU-U
 EVAP
 GAL-D

FMT-Wanner Oiler-Dance Elect. Porter Refr

WATCH ENGR'S SIGNATURE-

William W. Leggett

0400-0800 WATCH

AT ANCHOR AS BEFORE MACH AS BEFORE. CARRIED F.O. OB.
 OUT STANDING ORDERS. Routine Port Watch. F.W. - #3P
 OUT BOARD SETTLER. FILLING NOW. MUF
 MU-U
 EVAP secured
 GAL-D

WATCH ENGR'S SIGNATURE-

A. Beasley

0800-1200 WATCH

At Anchor as before. - Mach. as before. Blew tubes @ 0815. F.O. I.B.
 Changed to Inbd Settler @ 0900. Changed F.W. Suct. from F.W. #3P
 #3 p to #3 S. @ 0900. Changed + cleaned strainer (F.O. Disch.) MUF ON TH
 MU-U
 EVAP
 GAL-D
 Last spring bearing stbd side, cooling water supply leaking.
 Trans. F.O. from 5 P to Stbd Settler

Chief Eng. in Eng. Rm. 0815-0850 + 1050-1100 WATCH ENGR'S SIGNATURE-

Richard O. Saggan

CHIEF ENGINEER

BOILER

P. ALK 1352

T. ALK 2334

CHLO 4-14

PH. 4 50

SO. 3 88

PH 10.5

WS. HRS.

FS. HRS.

F.W. 41

PH. 7

CHIEF ENGR'S SIGNATURE-

J. A. Halloran

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		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					
													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		4		4		4								
SUMMARY																		
RUNNING TIME						PERCENT OF 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

Anchored @ Vung Tau, S/Viet-Nam - Machinery in operation as follows - B-4
 G-3 & H-2, ME-R2, A-2, AC-2, AC-2, AE, D-4, F-4, C-2, W-4, L-3, LC-2 ANT SP-2.
 Bilges @ Safe Level. P-3 crossed over to B-4.

F.O. - INBD
 F.W. - #3/S
 MUF
 MU-U
 EVAP
 GAL-D

FWT-WENNER OILER-DANCE

WATCH ENGR'S SIGNATURE-

William W. Suggs

1600-2000 WATCH

@ ANCHOR. MACHINERY AS BEFORE. CLEANED
 FUEL OIL SUE STRAINERS. PUMPED BILGES + SHAFT ALLEY
 CLEANED BURNERS. DOING ROUTINE MAINTENANCE. REPACKED
 UPPER CORE OF TOP GAUGE GLASS B-3. ROUTINE PORT WATCH
 CARRIED OUT STANDING ORDERS.

F.O. INBD
 F.W. #3 P
 MUF
 MU-U
 EVAP
 GAL-D

FIREMAN HUTTON OILER MANNING

WATCH ENGR'S SIGNATURE-

Henry Beeley

2000-2400 WATCH

At Anchor as before - Mach. as before. Closed watertight door
 between Eng. Rm. & Bridge @ 2200. Changed + cleaned F.O.
 Disch. Strainers. Changed + inspec. Generator #3 + 4 L.O. Strainers.
 Pumped Eng. Rm. + Shaft Alley Bilges to Safe Level.

F.O. Inbd
 F.W. #3 S
 MUF DW. TK.
 MU-U
 EVAP
 GAL-D

FWT-Diers, Oiler-Megreas

WATCH ENGR'S SIGNATURE-

Richard O. Saggner

2400-0400 WATCH

Anchored @ Vung Tau, S/Viet-Nam. Mach. as before except put P-4
 ON LINE & secured P-3. Cleaned F.O. Disch. STRAINERS. ALSO MM. UNIT L.O. STRAINERS.
 Bilges @ Safe Level. Complied with Night & Standing Orders.

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

OILER-DANCE FWT-WENNER

WATCH ENGR'S SIGNATURE-

William W. Suggs

0400-0800 WATCH

AT ANCHOR - MACH AS BEFORE CLEANED FUEL OIL STRAINERS
 INBD SETTLE. PUMPED BILGES + SHAFT ALLEY. CARRIED OUT STANDING
 ORDERS. ROUTINE WATCH.

F.O. - INBD
 F.W. - #3 S
 MUF
 MU-U
 EVAP
 GAL-D

HUMOLD R.J. PORTER S-2 ELEC.

WATCH ENGR'S SIGNATURE-

Henry Beeley

0800-1200 WATCH

FIRMAN - HUTTON, OILER MANNING
 AT Anchor - Mach. as before. Changed F.W. Suct. from #3 S to
 #3 & @ 0805. Bkw tubes @ 0806. Fire Warning System
 tested @ 0818. Changed + cleaned F.O. Disch. Strainers.
 Pumped Eng. Rm. + Shaft Alley Bilges to Safe level.
 Started #1 Low Pressure Evaps. @ 0900
 Chief Eng. in Eng. Rm. 0915 - 1000

F.O. Inbd
 F.W. #3 E
 MUF
 MU-U
 EVAP #3 PAS
 GAL-D 2200

FWT-Diers, Oiler Megreas

WATCH ENGR'S SIGNATURE-

Richard O. Saggner

CHIEF ENGINEER

ELEC. PORTER REPORTED FOR DUTY @ 0001. Again checked in @ 0200 - Cargo Winches Normal.

BOILER

#4

P. ALK 1294

T. ALK 1810

CHLO 3.31

PH. 4 50

SO. 3 83

PH 11

WS. HRS.

FS. HRS.

FW 141

PH 7

CHIEF ENGR'S SIGNATURE-

J. O'Halloran

		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						90	240	MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING						128	130	
DETENTION TIME										FORWARD L. P. ROTOR BEARING							136	128
REVOLUTION COUNTER (END OF WATCH)						3245	2266			AFT. L. P. ROTOR BEARING							128	130
TOTAL REVOLUTIONS (FOR WATCH)						750	840			HOTTEST GEAR BEARING FORWARD							132	134
AVERAGE RPM						5660	21090			HOTTEST GEAR BEARING AFT							132	130
F.O. METER (END OF WATCH)		91782	9179	9179	9181	9181	9184	MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)	AUX. COND. CONDENSATE			114	114		118	116	
F.O. CONSUMED		370	880	640	670	670	2830			1ST STAGE FEED WATER HEATER							168	168
THROTTLE					18		435			D. C. FEED WATER HEATER		240	240	240	240	238	240	
H.P. AHEAD							435			3RD STAGE FEED WATER HEATER								
L.P. AHEAD							15			F.O. TO BURNERS		180	180	180	180	180	180	180
VACUUM		25.0	25.5	25.5	28.0	38	28.3	BOILER PARTICULARS	TEMPERATURES	F. O. BACK PRESSURE								
L.O. TO TURBINES		14	14	14	14	14	14			AIR TO FURNACE		116	115	114	118	125	130	
AUX. STEAM		130	125	125	125	130	130			UPTAKE								
BACK PRESSURE		10.	10.	9	10	8	9			MAIN STEAM							740	740
GLAND STEAM		1.0	1.0	1.5	1.0	0	.2			SUPER HEAT		435	435	435	435	435	435	465
H.P. BLEEDER						82	80	BOILER PARTICULARS	PRESSURES	F.O. TO BURNERS						190	195	
I.P. BLEEDER						4	7			F.O. TEMP. IN SETTLING TANKS		112	114	110	110		110	110
L.P. BLEEDER						13	13			PORT BOILER UPTAKE								
STEAM AT THROTTLE						740	740			STBD. BOILER UPTAKE								
L.P. EXHAUST						112	116			ENGINE ROOM TEMPERATURE			94	94	95	96	102	
CONDENSATE		112	112	100	100	113	110	MISCELLANEOUS		FIRE ROOM TEMPERATURE								
CIRC. WATER IN		86	86	86	86	84	83			NOZZLES IN USE			2	2		16	16	
CIRC. WATER OUT		98	98	98	98	98	97			NO. OF BURNERS IN USE		2	53/60	2		6	6	
L.O. TO COOLERS		100			100	122	126			BURNER TIP SIZE		53/60	2	53/60		53/70	53/70	
L.O. FROM COOLERS		100	98	98	100	110	110			CO ₂ % PORT BOILER						51/55	51/55	
TEMPERATURE THRUST BEARING						114	113	CO ₂ % STBD. BOILER										
FORWARD H.P. ROTOR BEARING						118	120	OIL LEVEL MAIN SUMP		N	N	N	N	N	N	N		

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	METER AT NOON	METER PREVIOUS NOON	CONSUMED BY METER	ON HAND AT START OF DAY	RECEIVED DURING DAY	EXPENDED DURING DAY	REMAINING ON BOARD	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED
1200 TO 1600	3	1200	435		9	138	118		61	1150	1150	240												
1600 TO 2000	3	1200	435		9	138	118	61	61	1150	1150	240	4		435		9.7	150	136	47	47	1150	1150	240
2000 TO 2400	3	1200	435		9	138	118	61	61	1100	1100	240	4		435		9.6	150	140		47	1100	1100	240
2400 TO 0400	3	1200	435		9	136	118		61	1150	1150	240	4		435		9.6	148	138		47	1150	1150	240
0400 TO 0800	3	1200	435		9	137	120		61	1400	1400	240	4		435		9.7	150	141		47	1400	1400	240
0800 TO 1200	3	1200	435		9	138	118		61	1400	1400	240	4		435		9.7	152	142		47	1400	1400	240

DOMESTIC WATER					
ON HAND AT START OF DAY					
EVAPORATED OR RECEIVED					
ON HAND					
CONSUMED					

LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water used gals.)					
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
3	4	4	4		

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	4	4		

SUMMARY	
RUNNING TIME	PERCENT OF SLIP
OBTENTION TIME	BBL FUEL/M1
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

Anchored @ Vung Tau S/Viet-Nam. Mach. in oper. follows per Code, B-4, G-3 & 4, M-2, MC-3, ME-R, AC-2, D-4, P-4, F-4, C-2, W-4, L-4, LC-2 AND SP-2. Cleaned and changed F.O. Disch. strainers. Cleaned L.O. Purifiers. Lined up #3 Boiler To start raising STM. #3 F.O. Bypass Valve Reassembled. Changed F.W. Suct. To #3 @ 1545. Cooling Water Temp. Secured To Port Spring Bearing for Pipe Repair.

WATCH ENGR'S SIGNATURE-

William M. Lytle

1600-2000 WATCH

AT ANCHOR MACHINERY AS BEFORE. CLEANED FUEL OIL SUC + DISC. STRAINERS. BILGES SECURE. SECURED 3B, at secured 21 300#. STANDING ORDERS CARRIED OUT ROUTINE PORT WATCH.

WATCH ENGR'S SIGNATURE-

Henry Beasley

2000-2400 WATCH

At Anchor. Mach. as before. Lit off 1 fire in #3 Boiler @ 2125. Brought Boiler up to #200 + secured fire at 2200. Changed + cleaned F.O. Disch. Strainers. Pumped Shaft Alley Bilges to Safe Level. Changed + inspec. #3 + 4 Generator L.O. Strainers.

F.O. - Inbd
F.W. - #3 R
Evap. - 5200
Bal. D. - 5200

Jr Eng. - Pursley, FWT - Diers, Oiler McGreos.

WATCH ENGR'S SIGNATURE-

Richard O. Saggaman

2400-0400 WATCH

AT ANCHOR @ Vung Tau, S/Viet-Nam - Mach. as before EXCEPT RAISING STM. ON #B-3 PUT ELECT. L.O. Pump IN OPERATION. Lit off 1st STAGE Air Ejector - R. B-3 Ready To put ON LINE @ 0400. Complied with Night & STANDING ORDERS.

F.O. - Inbd
F.W. - #3 R
Evap. - #1/P
Dist. -

Jr Eng. - Harding Oiler - Dancer FWT - Wenner

WATCH ENGR'S SIGNATURE-

William M. Lytle

0400-0800 WATCH

B-3 ON LINE 0400. WAITING UP TURBINE 0500. BOILERS ON FW #3 & THROTTLE 0455. TIME CHECK BRIDGE 0525. 16 NOZZLES 0640. AE-R 1ST EVA #1/P STAGE OPEN. MC 3 + MC 4 ON THE PLANT ALL OTHER MACH AS BEFORE. BILGES PUMPED. BURNERS CLEANED.

F.O. - Inbd
F.W. - #3 R
Evap. - #1/P
Dist. -

DEPT. 0630

UNDERWAY 16N. CHIEF ENG MR CHALLORAN 0515-0610

WATCH ENGR'S SIGNATURE-

Henry Beasley

0800-1200 WATCH

Underway on 16 Nozz. - Mach. as before. Blew tubes @ 0810 Changed + cleaned F.O. Disch. Strainers. Pumped Eng. Rm + Shaft Alley Bilges. Secured, MC-4 @ 0830. changed to Inbd Settler @ 1100.

F.O. - Inbd
F.W. - #3 R
Evap. - #3 R
Dist. - 10,600

WATCH ENGR'S SIGNATURE-

Richard O. Saggaman

CHIEF ENGINEER

Tested Steering gear. telegraph @ 0500. Stby @ Bells as per Bell Book.

BOILER

#3 #1
14.60P. ALK 18.35
18.10T. ALK 18.10
249CHLO 331
50 PR. 4 52
54 SO. 3 85
11 FH 11
WS. HRS.
PS. HRS.
41 FW 141
7.5 PR 7

CHIEF ENGR'S SIGNATURE-

J. O. Halloran

2238810 Tach chr 3876574 FOM 9180260 Form

		PRESSURES						MACHINERY PARTICULARS		TEMPERATURES					
PRESSURES	THROTTLE	430	430				435	TEMPERATURES	D. C. FEED WATER HEATER	240	240	240	240	240	240
	H.P. AHEAD	430	430				435		3RD STAGE FEED WATER HEATER						
	L.P. AHEAD	16	18				16		F.O. TO BURNERS	180	180	180	180	180	180
	VACUUM	28.5	28.5	26	26	26	28.5		F. O. BACK PRESSURE						
	L.O. TO TURBINES	14	14	14	14	14	14		AIR TO FURNACE	130	125	120	120	120	128
	AUX. STEAM	125	130	125	125	120	135		UPTAKE	280 290	300 310	255	260	235 240	285 280
	BACK PRESSURE	10	9	10	10	10	10		MAIN STEAM	725	650				
	GLAND STEAM	0.5	1.5	1.5	1.5	1.5	.5		SUPER HEAT	465	450	465	465	465	465
	H.P. BLEEDER	80	80				80		F.D. TO BURNERS	180 170	180	160	160	180	180 180
	I.P. BLEEDER	10	7				7		F.O. TEMP. IN SETTLING TANKS	120 110	118	116	118 102	116	110 100
L.P. BLEEDER	13	13				15	PORT BOILER UPTAKE								
TEMPERATURES	STEAM AT THROTTLE	725	730				730	STBO. BOILER UPTAKE							
	L.P. EXHAUST	114	112	112	125	124	112	ENGINE ROOM TEMPERATURE	101	100	97	95	94	100	
	CONDENSATE	106	108	110	100	92	98	FIRE ROOM TEMPERATURE							
	CIRC. WATER IN	78	78	78	82	80	84	NOZZLES IN USE	16	10				16	
	CIRC. WATER OUT	90	90	92	85	86	92	NO. OF BURNERS IN USE	5	4	2	2	2	6	
	L.O. TO COOLERS	123	114	118	110	104	136 106	BURNER TIP SIZE	53/70 51/55	53/70 51/55	53/60	53/60 51/55	53/60	53/70 51/55	
	L.O. FROM COOLERS	110	105	110	110	104	110	CO ₂ % PORT BOILER							
	TEMPERATURE THRUST BEARING	112						CO ₂ % STBO. BOILER							
	FORWARD H.P. ROTOR BEARING	122						OIL LEVEL MAIN SUMP	NORM.	N	N	N	N	N	

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		
1200 TO 600	3	1200	435	725	9	136	116		61	1400	1400	240	METER AT NOON		ON HAND AT START OF DAY			
													METER PREVIOUS NOON		EVAPORATED OR RECEIVED			
	4	1200	435	725	9.6	150	136		46	1400	1400	240	CONSUMED BY METER		ON HAND			
600 TO 000	3	1200	430	725	9	136	116		61	1300	1300	240	ON HAND AT START OF DAY		CONSUMED			
													RECEIVED DURING DAY		ON HAND AT START OF DAY			
	4	1200	430	725	9.6	150	136		46	1200	1200	240	EXPENDED DURING DAY		RECEIVED			
000 TO 400	3	1200	430		9	136	116		61	1100	1100	240	REMAINING ON BOARD		ON HAND			
													ON HAND AT START OF DAY		CONSUMED			
	4	1200	430		9.6	150	136		46	1100	1100	240	EVAPORATED OR RECEIVED					
400 TO 000	3	1200	440		9	136	118		61	1150	1150	240	ON HAND					
													CONSUMED					
	4	1200	440		9.6	148	136		46	1150	1150	240						
000 TO 800	3	1200	440		9	136	116		61	1250	1250	240						
	4	1200	440		9.6	148	136		46	1250	1250	240						
800 TO 200	3	1200	435		9	136	116		61	1350	1350	240						
	4	1200	435		9.6	150	136		46	1350	1350	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
4	4	4	4		4

SUMMARY

RUNNING TIME	PERCENT OF 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 1322. - MACH. IN OPER. FOLLOWS AS PER MACH. CODE. D-3 & 4, G-3 & 4, H-2, MC-3, ME-R, A-2, AC-2, D-3 & 4, P-3 & 4, F-3 & 4, C-2, W-4, L-3, S-1, LC-2, SP-2. STBY L.O. S/PUMP AND F/PUMP IN READY STATUS. TESTED LOW L.O. AND OVERSPEED TRIP. CLEARED F.O. DISCH. STRAINERS. M. UNIT L.O. STRAINER CHECKED. SPRING BEARING ARE NORMAL. BILGES @ SAFE LEVEL. CHECKED STA. TRAP FROM SETTLERS (OPERATING PROPERLY) PERMISSION NOT GRANTED TO BLOW TUBES @ 1515. CIRCUIT 35X CHECKED BETWEEN #1 E/R & #2. CIRCUIT 1 OUT OF ORDER. COND. TEST O.K. GPG C/DRILL @ 1517 TELE. ON STBY. SECURED C/DRILL @ 1631 44 @ 1534

WATCH ENGR'S SIGNATURE-

William H. Lippert

1600-2000 WATCH

ARRIVAL @ 1700 - 10 NOZZLES. BELLS AS PER BELL BOOK ON STANDBY @ 1822 - MAIN TURBINE ON JAWING GEAR. RECIRCULATOR OPEN. 1ST STAGE ME-R CLOSED. ELEC F.W. PUMP ON. B-4 SECURED. SUC VALVE TO R-4 CLOSED. ROUTINE WATCH.

CHIEF ENG MR O'HALLORAN 1710 - 1830

WATCH ENGR'S SIGNATURE-

Henry Beeley

2000-2400 WATCH

At Anchor Cam Rahn Bay Changed + cleaned F.O. Disch. Strainers Pumped shaft Alley Bilges to Safe Level. changed + inspected #3 & 4 Generator Strainers. Pumped water to within 2" bottom of lower gauge glass #4 boiler. @ 2030 + 2230.

JR. Eng. Pursley - Oiler McGreos F.W.T. Diers

WATCH ENGR'S SIGNATURE-

Richard O. Seggerson

2400-0400 WATCH

ANCHORED @ CAM RAHN BAY, S/VICT-NAM - B-3, G-3 & 4 WITH NECESSARY AUX. ON LINE. CLEARED F.O. DISCH. STRAINER. KEEPING B-4 BETWEEN 50-200 PRESS. REMOVED CLEARED & REPLACED TRAP FROM RETURN STA. DR./TK. COMPLIANT WITH NIGHT & STANDING ORDERS. BILGES @ SAFE LEVEL

JR. Eng. - Pursley Oiler - DANCE F.W.T. - WENNERS

WATCH ENGR'S SIGNATURE-

William H. Lippert

0400-0800 WATCH

@ ANCHOR - MACHINERY AS BEFORE. FUEL OIL SUC STRAINERS + BURNERS CLEANED. BILGES PUMPED. NIGHT ORDERS CARRIED OUT. ROUTINE MAINTENANCE. ROUTINE WATCH. F.W. SUC FROM #3 P TO #3 P.

0800-1200 WATCH

B-34 on line @ 0850. Blew tubes on B-4 @ 0805. Time check 0825. Wheel Clearance @ 0950. Disengaged jacking gear @ 0950. Opened Main + Bulkhead Stops @ 0952. Started AER 1st stage + started Warming Main Engine @ 0955. Tested Eng. Ord. Tele. @ 0953. Shifted from High to Low Circ. Suct. @ 1115. All other Mach. same as before. Cleaned import burners + pumped bilges. Trans. F.O. from #7 P to inboard + outboard Settlers.

WATCH ENGR'S SIGNATURE-

Richard O. Seggerson

CHIEF ENGINEER

#3

1035 P. ALK

1449 T. ALK

331 CHLO

50 PB. 4

68 SO. 3

11 PH

WS. ERS.

FS. ERS.

41 6A

7:15 PM

141 MW

CHIEF ENGR'S SIGNATURE-

J. O'Halloran

Shift Ctr. 02297380

Tach. Ctr. 03978705

F.O. Meters 9191490

USNS *San John Pope TAP-110* VOYAGE NO. *CAN RABIN Bay S/Viet* FROM *YOKOHAMA, JAPAN* TO *P-2-4* TYPE OF VESSEL *27/28/64* DATE

WATCH							WATCH						
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	240	240	240	240	AFT. H. P. ROTOR BEARING	132	132	132	132	132	132
DETENTION TIME							FORWARD L. P. ROTOR BEARING	130	130	132	130	130	130
REVOLUTION COUNTER (END OF WATCH)	2326 280	2347 520	2368 940	2390 650	2411 720	2433 190	AFT. L. P. ROTOR BEARING	126	126	126	126	126	126
TOTAL REVOLUTIONS (FOR WATCH)	21470	93.7	21370	21710	21070	21470	HOTTEST GEAR BEARING FORWARD	114	114	116	115	115	115
AVERAGE RPM	89.5	22490	89.0	90.5	87.8	89.5	HOTTEST GEAR BEARING AFT	122	122	122	122	122	122
F.O. METER (END OF WATCH)	95190	9197 820	9200 420	9203 830	9206 570	9208 270	AUX. COND. CONDENSATE		114	112		114	114
F.O. CONSUMED	2600	2610	3620	2610	2540	2700	1ST STAGE FEED WATER HEATER	165	170	170	170	170	170
PRESSURES	THROTTLE	440	440	440	440	435	D. C. FEED WATER HEATER	240	240	240	240	240	240
	H.P. AHEAD	440	440	440	440	435	3RD STAGE FEED WATER HEATER						
	L.P. AHEAD	16	16	16	17	18	F.O. TO BURNERS	180	180	180	180	180	180
	VACUUM	28.5	28.5	28.5	28.5	28.5	F.O. BACK PRESSURE						
	L.O. TO TURBINES	14	14	14	14	14	AIR TO FURNACE	128	128	128	128	128	130
	AUX. STEAM	135	135	130	130	130	UPTAKE	380 280	380 240	380 280	300 270	300 285	300 285
	BACK PRESSURE	10	10	10	10	9	MAIN STEAM	735	746	740	740	740	740
	GLAND STEAM	0.5	.3	.3	0.5	.6	SUPER HEAT	465	465	460	465	460	465
	H.P. BLEEDER	80	82	80	80	80	F.O. TO BURNERS	220 170	205 180	220 180	205 175	210 170	210 180
	I.P. BLEEDER	10	7	7	10	7	F.O. TEMP. IN SETTLING TANKS	110 112	118	110	110 112	112	110 102
	L.P. BLEEDER	13	13	14	13	13	PORT BOILER UPTAKE						
	STEAM AT THROTTLE	735	745	740		740	STBD. BOILER UPTAKE						
TEMPERATURES	L.P. EXHAUST	114	114	114	114	115	ENGINE ROOM TEMPERATURE	100		102	102	102	102
	CONDENSATE	110	110	110	112	110	FIRE ROOM TEMPERATURE						
	CIRC. WATER IN	82	82	83	85	84	NOZZLES IN USE	16	16	16	16	16	16
	CIRC. WATER OUT	94	94	95	96	96	NO. OF BURNERS IN USE	5	5	5	5	5	5
	L.O. TO COOLERS	125	126	126	126	126	BURNER TIP SIZE	53/70 51/53	53/70 51/53	53/70 51/53	53/70 51/53	53/70 51/53	53/70 51/53
	L.O. FROM COOLERS	110	110	110	110	110	CO ₂ % PORT BOILER						
	TEMPERATURE THRUST BEARING	114	114	114	115	115	CO ₂ % STBD. BOILER						
	FORWARD H.P. ROTOR BEARING	122	122	124	123	124	OIL LEVEL MAIN SUMP	NORM	N	N	N	N	N

GENERATORS													FUEL - WATER AND LUBE OIL					
WATCH	GENERATOR NUMBER	R. P. M.	STEAM PRESSURE	STEAM TEMP.	L. O. PRESSURE	L. O. TO COOLER	L. O. FROM COOLER	TEMP. OF HOTTEST BEARING	L. O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL			DOMESTIC WATER		
1200 TO 1600	3	1200	440	735	9	136	115		61	1250	1250	240	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY		
													METER PREVIOUS NOON			EVAPORATED OR RECEIVED		
1600 TO 2000	4	1200	440	735	9.6	150	136		48	1250	1250	240	CONSUMED BY METER		LUBE OIL	ON HAND		
	3	1200	440	740	9	136	115		61	1250	1250	240	ON HAND AT START OF DAY			CONSUMED		
													RECEIVED DURING DAY			ON HAND AT START OF DAY		
													EXPENDED DURING DAY			RECEIVED		
2000 TO 2400	4	1200	440	745	9.6	150	136		48	1250	1250	240	REMAINING ON BOARD			ON HAND		
	3	1200	435	740	9	136	110		61	1250	1250	240	ON HAND AT START OF DAY			CONSUMED		
2400 TO 0400													EVAPORATED OR RECEIVED					
	4	1200	435	740	9.6	151	144		48	1250	1250	240	ON HAND					
0400 TO 0800	3	1200	440	740	9	138	118		61	1250	1250	240	CONSUMED		LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)			
0800 TO 1200	4	1200	440	740	9.6	152	136		48	1250	1250	240	L. O. CENTRIFUGE - HOURS OPERATED					
	3	1200	435	740	9	138	120		61	1300	1300	240	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
	4	1200	435	740	9.6	152	142		47	1300	1300	240	4	4	4	4	4	4
	SUMMARY																	
400 TO 800	RUNNING TIME						PERCENT OF SLIP											
	DETENTION TIME						BBL FUEL/MI											
800 TO 200	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 OPERATION AS FOLLOWS - B-3 & 4, G-3 & 4, M-2, MC-3, NE-R, D-3 & 4, P-3 & 4, F-3 & 4, C-2, L-3, S-2, LC-2, W-2 AND SP-2. SINGLED PLANT @ 1300. TESTED OVERSPEED & LOW L.O. TRIP ON M.V. UNIT. ALSO STBY L.O. S/PUMP. SPRING BEARINGS NORMAL. CLEANED F.O. DISCH. STRAINERS. BILGES @ SAFE LEVEL. CHANGED M.V. UNIT L.O. STRAINER. BLEW TUBES B/P FROM BRIDGE. ROUTINE UNDERWAY WATCH.

COND. TEST 0.41 GPG.

TRANS. F.O. TO P/S SETTLERS FROM

WATCH ENGR'S SIGNATURE-

William M. Leggett

1600-2000 WATCH

UNDERWAY ON 16 NOZZLES. MACH AS ABOVE. PUMPE BILGES + SHAFT ALLEY. CLEANED FUEL OIL SUC STRAINERS. CARRIED OUT STANDING ORDERS. ROUTINE WATCH.

F.O. INBD 16'
F.W. #3 P+S
MUF
MU-U
EVAP #3 &
GAL-D 10,700

WATCH ENGR'S SIGNATURE-

Henry Beeley

2000-2400 WATCH

UNDERWAY ON 16 NOZZ. MACH. AS BEFORE. CHANGED F.W. Suction from #3 P+S to #3 S @ 2030. CLEANED GENERATOR #3 + 4 L.O. STRAINERS. CHANGED + CLEANED F.O. DISCH. STRAINERS. OIL dripping from Stbd Windbox.

F.O. OUTBD
F.W. #3 S
MUF
MU-U
EVAP #3 R
GAL-D 9,900

WATCH ENGR'S SIGNATURE-

Richard O. Sogge

2400-0400 WATCH

UNDERWAY ON 16 NOZZ. MACH. AS BEFORE. UNPLUGGED PR. HOLES ON AIR REGISTERS ON G-3 & 4. REMOVED HEAVY ACCUMULATION OF CARBON ON B-3 AIR REGISTER. RESET COMBUSTION CONTROL BOARD. W/T DOOR TO SHAFT ALLEY OUT OF ORDER. CHANGED AND CLEANED F.O. DISCH. STRAINERS. SPRING BEARINGS NORMAL. BILGES @ SAFE LEVEL. REMOVED E/R BILGE SUOT. VALVE BONNETS. DISC ARE BADLY DAMAGED. COND. TEST 0.41 GPG. TESTED STBY L.O. S/PUMP AND STBY F/PUMP. ADJUSTED PACKING GLANDS ON P-3 & 4.

F.O. - INBD
F.W. #3 S
MUF
MU-U
EVAP #3
GAL-D 7,900

WATCH ENGR'S SIGNATURE-

William M. Leggett

0400-0800 WATCH

UNDERWAY ON 16 NOZZLES MACH AS BEFORE PUMPED BILGES & SHAFT ALLEY. TIGHTENED GLANDS ON MC3 + MC4 CLEANED FUEL OIL SUC STRAINERS, CARRIED OUT STANDING ORDERS. ROUTINE WATCH. ROUTINE MAINTENANCE, AC3 + AC4 ON COND. 2 1/2 gal oil P-4

F.O. INBD 13'
F.W. #3 S
MUF 57
MU-U
EVAP #2
GAL-D 5,200

CHIEF ENG MR O'HALLERAN 0735-0740

WATCH ENGR'S SIGNATURE-

Henry Beeley

0800-1200 WATCH

UNDERWAY ON 16 NOZZ. MACH. AS BEFORE. BLEW TUBES ON B-3 + B-4 @ 0810. CHANGED + CLEANED F.O. DISCH. STRAINERS. CLEANED REGISTER drain holes on B-3 + 4. CHANGED FROM #3 S TO #3 P+S FW Suct. @ 0945. TRANS F.O. FROM #7 P+S TO I+O. SETT. PUMPED ENG. RM. + SHAFT ALLEY BILGES COND. TESTED .3 STARTED #1 EVAPS @ 0900 - DISTILLING TO #3 &

F.O. INBD
F.W. #3 P+S
MUF
MU-U
EVAP #3 &
GAL-D 6,400

WATCH ENGR'S SIGNATURE-

Richard O. Sogge

CHIEF ENGINEER

#3 #4
1440 1094
1910 2168
2.49 CHLO 414
50 PD. 4 30
51 SO. 3 81
01 PH 11

WS. VRS.
FS. VRS.

.41 FW. 41
7 PR 10

CHIEF ENGR'S SIGNATURE-

J. O'Halloran

WATCH							WATCH						
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS													
MACHINERY PARTICULARS (CONT'D)													
TEMPERATURES (CONT'D)													
AFT. H. P. ROTOR BEARING													
FORWARD L. P. ROTOR BEARING													
AFT. L.P. ROTOR BEARING													
HOTTEST GEAR BEARING FORWARD													
HOTTEST GEAR BEARING AFT													
AUX. COND. CONDENSATE													
1ST STAGE FEED WATER HEATER													
D. C. FEED WATER HEATER													
3RD STAGE FEED WATER HEATER													
F.O. TO BURNERS													
F. O. BACK PRESSURE													
AIR TO FURNACE													
UPTAKE													
MAIN STEAM													
SUPER HEAT													
F.O. TO BURNERS													
F.O. TEMP. IN SETTLING TANKS													
PORT BOILER UPTAKE													
STBD. BOILER UPTAKE													
ENGINE ROOM TEMPERATURE													
FIRE ROOM TEMPERATURE													
NOZZLES IN USE													
NO. OF BURNERS IN USE													
BURNER TIP SIZE													
CO ₂ % PORT BOILER													
CO ₂ % STBD. BOILER													
OIL LEVEL MAIN SUMP													

GENERATORS													FUEL - WATER AND LUBE OIL					
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL		BOILER WATER		LUBE OIL	
200 TO 600	3	1200	440	740	9	138	120		61	1250	1250	240	METER AT NOON		ON HAND AT START OF DAY			
													METER PREVIOUS NOON		EVAPORATED OR RECEIVED			
600 TO 1000	4	1200	440	740	9.7	151	138		47	1250	1250	240	CONSUMED BY METER		ON HAND			
	3	1200	440	740	9	138	130		61	1250	1250	240	ON HAND AT START OF DAY		CONSUMED			
													RECEIVED DURING DAY		ON HAND AT START OF DAY			
													EXPENDED DURING DAY		RECEIVED			
1000 TO 1400	4	1200	440	740	9.7	151	138		67	1250	1250	240	REMAINING ON BOARD		ON HAND			
	3	1200	440	740	9	138	120		61	1250	1250	240	ON HAND AT START OF DAY		CONSUMED			
													EVAPORATED OR RECEIVED					
													ON HAND					
1400 TO 1800	4	1200	440	740	9.6	151	145		47	1250	1250	240	CONSUMED					
	3	1200	435	735	9	138	120		61	1250	1250	240	DOMESTIC WATER					
													ON HAND					
													CONSUMED					
LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)																		
L.O. CENTRIFUGE - HOURS OPERATED																		
1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200								
4		4		4		4		4		4								
SUMMARY																		
RUNNING TIME						PERCENT OF 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 operation as follows - B-3 & 4, C-3 & 4, H-2, MC-3, ME-3, D-3 & 4, P-3 & 4, F-3 & 4, C-2, W-2, L-3, S-2, LC-2 and SP2. Tested Low L.O. and overspeed Trip on M.P. Unit. Cleaned and changed F.O. strainers. Cleaned and changed L.O. strainer on M.P. Unit. Spring Bearings Normal. Bilges @ safe level. Cond. Test 0.41 GPG. Tested Stby L.O. S/Pump and Stby F/Pump. Routine Underway Watch. Permission not granted to Blow Tubes @ 1515. E/Drill @ 1516 Tel. on Stby Secured @ 1527 Boat/Drill @ 1527 1/2 Secured 1537 1/2 and Lt Trans. F.O. from #7 to Inds. & Outbs.

WATCH ENGR'S SIGNATURE -

1600-2000 WATCH

Underway on 16 Nozzles Mach as before. Change FW Tanks. Now Dist. to #35. SUC on #3. Cleaned Fuel Oil SUC strainers + Burners. Pumped Bilges. Routine Mail. Routine Watch. Carried out Standing Orders. Water Tight Doors Secured 1915. Fireman cleaned all insp. glasses on boilers.

WATCH ENGR'S SIGNATURE -

2000-2400 WATCH

Underway on 16 Nozz. Mach. as before. Changed F.W. Suct. from #3 P+R to #3 & @ 2145. Simulated Eng. Casualty drill E-5 + Notified bridge 2200 to 2220. Cleaned + changed F.O. strainers. Changed + inspec. Gen. #3 & 4 L.O. strainers. Pumped eng. rm. + shaft alley Bilges.

WATCH ENGR'S SIGNATURE -

2400-0400 WATCH

Underway on 16 Nozz. - Mach. as before. Changed & Cleaned F.O. Disch. strainers. Spring Bearings Normal and Bilges at safe level. Cond. Test 0.41 GPG. Refused E/R P/Bilge Suct. Valve. Complied with Night and Standing Orders. Routine Underway Watch.

WATCH ENGR'S SIGNATURE -

0400-0800 WATCH

Underway on 16 Nozzles. - Mach as before. Cleaned Fuel Oil SUC strainers. Pumped Bilges. Carried out Standing Orders. Routine Watch. Evap Disc. to #3 & SUC on #3 P+S. FW Tank. 0715.

WATCH ENGR'S SIGNATURE -

0800-1200 WATCH

Underway on 16 Nozz. Mach. as before. Blew tubes @ 0805 by Bridge. N.B.C. Drill @ 1020. Stby @ 1020 Secured from N.B.C. Drill at 1044. Lt @ 1044. Changed + Cleaned F.O. Disch. strainers. Cond. Tested .2 GPG.

WATCH ENGR'S SIGNATURE -

CHIEF ENGINEER

#3 #4
1635 1752
1869 T. ALK 2511
331 CHLO 349
50 FO 4 50
LO SO. 3 84
H PH 11
WS. HRS.
FS. HRS.

CHIEF ENGR'S SIGNATURE -

USNS *San John Pope TAL-110* VOYAGE NO. *Can Rehn Bay S/Vib.* FROM *Yokohama, Japan* TO *P-2-A* TYPE OF VESSEL *6-30-66* DATE

WATCH							WATCH						
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	240				MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING	134	134	134		
DETENTION TIME								FORWARD L. P. ROTOR BEARING	130	130	130		
REVOLUTION COUNTER (END OF WATCH)	2584	2607	2629					AFT. L. P. ROTOR BEARING	127	126	126		
TOTAL REVOLUTIONS (FOR WATCH)	22070	22420	22510					HOTTEST GEAR BEARING FORWARD	114	114	114		
AVERAGE RPM	92.0	94.2	93.8					HOTTEST GEAR BEARING AFT	122	122	122		
F.O. METER (END OF WATCH)	27210	2730	2733					AUX. COND. CONDENSATE		114	114		
F.O. CONSUMED	2900	3020	3020					1ST STAGE FEED WATER HEATER	175	175	180		
MACHINERY PARTICULARS	THROTTLE	430	430	430				D. C. FEED WATER HEATER	240	240	240		
	H.P. AHEAD	430	430	430				3RD STAGE FEED WATER HEATER					
	L.P. AHEAD	25	26	26				F.O. TO BURNERS	180	180	180		
	VACUUM	28.0	28.	28.0				F. O. BACK PRESSURE					
	L.O. TO TURBINES	14	14	14				AIR TO FURNACE	135	130	132		
	AUX. STEAM	125	125	125				UPTAKE	300/290	300/290			
	BACK PRESSURE	10	9	10				MAIN STEAM	740	740	740		
	GLAND STEAM	1.0	1.0	1.0				SUPER HEAT					
	H.P. BLEEDER	88	80	80				F.O. TO BURNERS	225/125	240/130	235/120		
	I.P. BLEEDER		7	7				F.O. TEMP. IN SETTLING TANKS	112/110	112	110/105		
PRESSURES	L.P. BLEEDER	13	13	10			BOILER PARTICULARS	PORT BOILER UPTAKE					
	STEAM AT THROTTLE	740	740	740				STBD. BOILER UPTAKE					
	L.P. EXHAUST	115	115	116				ENGINE ROOM TEMPERATURE	100	100	100		
	CONDENSATE	115	115	114				FIRE ROOM TEMPERATURE					
	CIRC. WATER IN	84	82	82				NOZZLES IN USE	18	18	18		
	CIRC. WATER OUT	98	96	96				NO. OF BURNERS IN USE	6	6	6		
	L.O. TO COOLERS	110	126	126				BURNER TIP SIZE	53/72/51/55	53/72/51/55	53/70/51/55		
	L.O. FROM COOLERS	125	110	110				CO ₂ % PORT BOILER					
	TEMPERATURE THRUST BEARING	115	115	115				CO ₂ % STBD. BOILER					
	FORWARD H.P. ROTOR BEARING	122	122	122				OIL LEVEL MAIN SUMP	NORM.	N	N		
TEMPERATURES							MISCELLANEOUS						

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		BOILER WATER		LUBE OIL		
1200 TO 1600	3	1200	430	740	9	136	118		61	1300	1300	240	METER AT NOON			ON HAND AT START OF DAY			
													METER PREVIOUS NOON			EVAPORATED OR RECEIVED			
	4	1200	430	740	9.6	150	137		47	1300	1300	240	CONSUMED BY METER			ON HAND			
1600 TO 2000	3	1200	430	740	9	136	119		61	1250	1250	240	ON HAND AT START OF DAY			CONSUMED			
													RECEIVED DURING DAY			ON HAND AT START OF DAY			
	4	1200	430	740	9.6	150	138		47	1300	1260	240	EXPENDED DURING DAY			RECEIVED			
2000 TO 2400	3	1200	430	740	9	136	116		61	1250	1250	240	REMAINING ON BOARD			ON HAND			
													ON HAND AT START OF DAY			CONSUMED			
	4	1200	430	740	9.6	150	138		47	1250	1250	240	EVAPORATED OR RECEIVED						
2400 TO 0400													ON HAND						
													CONSUMED						
0400 TO 0800													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				
0800 TO 1200													SUMMARY						
													RUNNING TIME			PERCENT OF 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. Machinery in operation as follows per Code-B-384 H-384, M-2, MC-4 HE-R, D-384, P-384, F-384, C-2, W-2, L-3, S-2, LC-2 and SP-2. Tested Overspeed & Low L.O. Trip on M.U. Unit. Cont. Test O.R. GPG. Bilges @ Safe Level. SPRING BEARING NORMAL. Increased speed to 18 Nozz. @ 1450 B/P of C/E. Bridge informed. Steady L.O. and F/Pump. Tested. Chain on #5 P/500T Blower uncoupled. Routine Underway Watch.

F.O.

F.W. - 384

MUF

MU-U

EVAP - 384

GAL-D-2,910

WATCH ENGR'S SIGNATURE-

William T. Leggett

1600-2000 WATCH

Underway on 18 NOZZLES MACHINERY AS BEFORE. CLEANED BURNERS-STRAINER (SUC) AND AIR REG, SUC. FW FROM #3 to #3 P+S. #3 FULL. EVAP DISC. FORWARD PUMPE BILGES. CARRIED OUT STANDING 4 NIGHT ORDERS WATCH ROUTINE. SUC FW ON #3

F.O. 0780 17'

F.W. #3 P+S

MUF

MU-U

EVAP #1LP

GAL-D-10,000

WATCH ENGR'S SIGNATURE-

Henry Beasley

2000-2400 WATCH

Underway on 18 Nozz. Mach. as before. Replaced 3/4" zinc anode pencil on suc. side of Aux Circ. pump. Test run same. Adjusted gland + greased. Simulated Eng. Casualty-Drill E-6 + Notified Bridge 2200-2220. Changed F.O. Disch. Strainers + cleaned + changed Ben. L.O. Strainers. Pumped Eng. Rm. + Shaft Alley Bilges. Leak in Drum pressure gauge line between #3 boiler (between boilers)

F.O. Out of

F.W. #3 E

MUF

MU-U

EVAP #2 P+S

GAL-D 9,600

WATCH ENGR'S SIGNATURE-

Richard O. Seggerman

2400-0400 WATCH

F.O.

F.W.

MUF

MU-U

EVAP

GAL-D

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

F.O.

F.W.

MUF

MU-U

EVAP

GAL-D

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

F.O.

F.W.

MUF

MU-U

EVAP

GAL-D

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

#4

P. ALK 1690

T. ALK 1869

CHLO 331

PB. 4 50

SQ. 3 00

MH 11

WE. TRS.

FS. TRS.

FW 41

PH 7

WATCH ENGR'S SIGNATURE-

J. D. Halloran