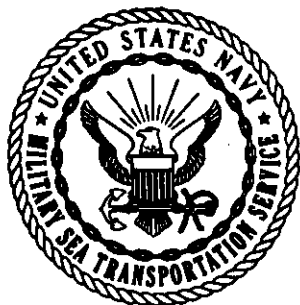


Fwd.

III
I

ENGINE ROOM LOG

GEARED TURBINE DRIVE



USNS Gen John Pope

FROM Aug 1 1966 **TO** Aug 31 1966

INSTRUCTIONS

1. The entries in this book will be made neatly and legibly by the engineer or other person directly in charge of the machinery of the vessel, and with pen and ink or indelible pencil. No erasures nor the removal of any leaves will be permitted. Incorrect entries may be changed by drawing a single line through same with ink or indelible pencil and writing in the correct data, followed by the initials of the person making the change. The greatest care shall be used in keeping the log book to insure absolute accuracy in all particulars.

2. All entries of time shall be made on the 24-hour basis, noon to noon.

3. Under the heading "Remarks" a careful, detailed record of the events occurring daily in the engine department shall be entered in the log book, together with notation of any violation of orders or regulations. Remarks should be preceded by the time when pertaining to important tests, casualties, injuries, etc.

4. Entries regarding the following shall also be made when occurring:

(a) Repairs, cleaning, and painting, including machinery outside the engine spaces.

(b) Faulty or erratic operation or failure of machinery.

(c) Any important changes in machinery of any nature, or additions thereto.

(d) Remetalling of bearings; fitting new piston rings; reboring cylinders; renewing pump parts, metallic packing, important valves, propeller, shafting, stern bearing, zinc protection bars and rings outboard, strainers, etc.; data to show in all cases exactly what parts have been attended to or repaired, material or article used and reasons.

(e) Pumping of bilges.

(f) Blowing of tubes.

(g) Examining holding down bolts.

(h) Fuel and water taken aboard. The fuel account shall be carefully kept and the quantity consumed each day accurately ascertained.

(i) Grade and quality of fuel oil and lubricating oil used; also type of filtering and cleaning elements installed in both fuel and lube oil lines; results obtained from use thereof.

(j) Record of special tests ordered made.

(k) Defects in supplies received.

(l) Derelictions or deficiencies developed on the part of any member of the engine department.

5. In twin screw vessels when both engines are in the same engine space, alternate pages will be used for recording the readings from the starboard machinery, the other pages being used for the port machinery. In such cases, each sheet of the log book will bear the notation either "Port Machinery" or "Starboard Machinery." In the event that the machinery for each propeller is in a separate engine room, two books shall be utilized and each page of each such book shall be properly marked to indicate to which engine room it applies. For such ships, in addition to individual fuel, water, and lube oil summaries, the sheets covering the control engine room shall carry a consolidated figure reflecting the status of these materials for both machinery spaces.

6. The log books shall be retained on board unless required temporarily by the administrative commander and destroyed when three years old.

USNS General John Pope 100-110 VOYAGE NO. 48 FROM Tacoma, Wash. TO Naha, Okinawa TYPE OF VESSEL P-22-22-2 DATE Aug 12, 1966

		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					260	260	240	MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING					137	136	136
DETENTION TIME					FORWARD L. P. ROTOR BEARING		135		132	134						
REVOLUTION COUNTER (END OF WATCH)					AFT. L. P. ROTOR BEARING		131		130	128						
TOTAL REVOLUTIONS (FOR WATCH)					HOTTEST GEAR BEARING FORWARD		160		160	160						
AVERAGE RPM					HOTTEST GEAR BEARING AFT		150		148	147						
F.O. METER (END OF WATCH)					AUX. COND. CONDENSATE		112		112	105						
F.O. CONSUMED					1ST STAGE FEED WATER HEATER		162		160	162						
								MACHINERY PARTICULARS (CONT'D)	D. C. FEED WATER HEATER					240	240	238
									3RD STAGE FEED WATER HEATER							
									F.O. TO BURNERS					180	180	185
									F. O. BACK PRESSURE					12	10	14
									AIR TO FURNACE					136	137	137
									UPTAKE					300 320	307 322	280 290
									MAIN STEAM					720	800	470
								BOILER PARTICULARS	SUPER HEAT					460	460	810 660
									F.O. TO BURNERS					175	180	145
									F.O. TEMP. IN SETTLING TANKS					94 132	120 128	116 102
									PORT BOILER UPTAKE					6	6	
									STBD. BOILER UPTAKE					5	6.2	
									ENGINE ROOM TEMPERATURE					92	92	93
									FIRE ROOM TEMPERATURE					92	92	93
								MISCELLANEOUS	NOZZLES IN USE					18	18	16
									NO. OF BURNERS IN USE					3	3	3
									BURNER TIP SIZE					5376 5370	5370 5370	5370 5370
									CO ₂ % PORT BOILER					13	12.0	
									CO ₂ % STBD. BOILER					13.5	11.5	
									OIL LEVEL MAIN SUMP					10"	9"	10"

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													99.950	98
													83.350	30
													16.600	106
													11.487	22
														5260
													395	
													11.092	
													627	
													67	
													621	
													73	
2000 TO 2400														
2400 TO 0400	2	1200	445	680	7	142	132		71	1250	1250	240		
0400 TO 0800	2	1200	445	675	7	144	132		70	1400	1400	240		
0800 TO 1200	2	1200	445	675	7	144	132		71	1250	1250	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 1/2	4 1/2	4

SUMMARY		
RUNNING TIME	760	PERCENT OF SLIP 14.44
DETENTION TIME	✓	BBL FUEL/MI 1.58-1.75
TOTAL REVOLUTIONS	70.580	WIND DIRECTION 100°-20 Kts
AVERAGE R.P.M.	92.86	STATE OF SEA 100°-5 ft
TOTAL MILES BY ENGINE	243	STATE OF WEATHER Clear
TOTAL MILES BY OBSERVATION	225	A=79° B=18 Kts

REMARKS

000-1600 WATCH

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

Underway on 18 Nozzles - Machinery as Before, except: -
 changed & cleaned upper fuel oil burners & suction strainers -
 Set Clock Back 20 minutes @ 0050 - Ran M. U. P. E. from
 #2 Boiler 0030-0200 - changed to Outboard Settler @ 0330 -
 Pumped Eng. Space Bilges - "I" Telephone circuit out of order,
 Using Sound Power Telephone -

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

Underway on 18 Nozzles - Machinery as Before, except: Retarded clocks
 @ 0441. Called Ch. Eng. @ 0600 to check out elevator. Jr. Eng. reports unable for
 him to repair. Made routine sounds and inspections. Pumped engine room
 bilges. Checked steering engine room. Changed and cleaned lower fuel oil
 burners & fuel oil from outboard settler, Ch. Eng. in engine room 0730-0740.

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

Underway on 18 nozzles - machinery as before - Reduce speed to 16
 nos. B.O.B. @ 0800 - Blew tubes from 0805 to 0825 - tested fire alarm
 0813 - rec steam to whistle @ 0820 back on line @ 1030 - C & C
 center line - C & C P.F.O.S. - pumped E.R. bilges - checked steering
 gear - made routine sounds & inspection of E.R. started No. 1 Generator idling
 @ 1145 -

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

2	BOILERS	1
7.01	P.A.K.	10.51
10.51	M.A.K.	14.01
7.04	CHL.	7.46
40	Pct	4.5
50	SH	10.5
10.5	PH	10.5
442V	W.S. HRS.	4283
1774	F.S. HRS.	1723

Conducted Eng. Casualty Drill "E-3" - 0200-0220 - 4 men
 Present - Notified Bridge - M. H.

CHIEF ENGR'S SIGNATURE-

USNS General John C. Ryan RB-110 VOYAGE NO. 4B FROM Tacoma, Wash. TO Naha, Okinawa TYPE OF VESSEL R-22R-2 DATE Aug 1-2, 1966

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	MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING	136	136	136	136	136
DETENTION TIME								FORWARD L. P. ROTOR BEARING	134	133	133	134	133
REVOLUTION COUNTER (END OF WATCH)	0598 7350	0600 8370	06030 220	0605 2380	0607 4280	0609 6190		AFT. L. P. ROTOR BEARING	148	130	130	130	130
TOTAL REVOLUTIONS (FOR WATCH)	22270	21020	22000	22010	21900	21910		HOTTEST GEAR BEARING FORWARD	160	160	160	160	160
AVERAGE RPM	92.7	87.5	91.7	91.7	91.2	91.3		HOTTEST GEAR BEARING AFT	148	147	147	148	147
F.O. METER (END OF WATCH)	8887 430	8889 990	8892 390	8894 780	8897 240	8899 650		AUX. COND. CONDENSATE	116	108	105/109	110	108
F.O. CONSUMED	2500	2540	2420	2390	2460	2410		1ST STAGE FEED WATER HEATER	160	158	158	156	158
PRESSURES	THROTTLE	445	445	450	445	445		D. C. FEED WATER HEATER	240	240	238	238	240
	H.P. AHEAD	425	425	430	425	425		3RD STAGE FEED WATER HEATER					
	L.P. AHEAD	22	19	19	19	18		TEMPERATURES	F.O. TO BURNERS	180	180	180	180
	VACUUM	28"	27 1/2"	27 1/2"	27 1/2"	27.5"			F. O. BACK PRESSURE	12	12	10	12
	L.O. TO TURBINES	16	17	17	17	17			AIR TO FURNACE	138	141	138	139
	AUX. STEAM	140	140	145	140	140			UPTAKE	295	280	295	295
	BACK PRESSURE	9	9	9	9	9			MAIN STEAM	720	720	715	720
	GLAND STEAM	2	2	2	2	2			SUPER HEAT	460	460	450	460
	H.P. BLEEDER	80	8	80	80	80			F.O. TO BURNERS	190	185	185	175
	I.P. BLEEDER	6	6	6	6	6			F.O. TEMP. IN SETTLING TANKS	114	100	98	100
	L.P. BLEEDER	11	11	12	12	12			PORT BOILER UPTAKE	5	4.5	4.5	4.3
TEMPERATURES	STEAM AT THROTTLE	680	680	685	690	685	MISCELLANEOUS	STBD. BOILER UPTAKE	5.4	5.0	4.5	4.3	4.4
	L.P. EXHAUST	112	107	108	109	110		ENGINE ROOM TEMPERATURE	94	95	94	94	95
	CONDENSATE	108	104	103	104	106		FIRE ROOM TEMPERATURE	94	95	94	94	95
	CIRC. WATER IN	82	80	82	82	85		NOZZLES IN USE	16	16	16	16	16
	CIRC. WATER OUT	93	91	91	92	92		NO. OF BURNERS IN USE	6	6	6	6	6
	L.O. TO COOLERS	128	128	128	128	128		BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70
	L.O. FROM COOLERS	110	110	110	110	110		CO2 % PORT BOILER	13	12.0	13.5	13	12.5
	TEMPERATURE THRUST BEARING	118	118	118	118	118		CO2 % STBD. BOILER	13.5	12.0	12.5	13.5	12.0
	FORWARD H.P. ROTOR BEARING	126	127	127	126	128		OIL LEVEL MAIN SUMP	10"	10"	10	10"	1"

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	1	1200	445	680	9	118	108		62	750	750	240	METER AT NOON	29.780	ON HAND AT START OF DAY	106		
													METER PREVIOUS NOON	99.950	EVAPORATED OR RECEIVED	88		
	2	1200	445	680	7	144	132		72	750	750	240	CONSUMED BY METER	29.830	ON HAND	120		
													ON HAND AT START OF DAY	11.092	CONSUMED	74		
1600 TO 2000	1	1200	445	680	9	120	110		62	750	700	240	RECEIVED DURING DAY	-	ON HAND AT START OF DAY	5260		
													EXPENDED DURING DAY	710	RECEIVED	-		
	2	1200	445	680	7	146	132		70	700	700	240	REMAINING ON BOARD	10.382	DN HAND	5255		
													ON HAND AT START OF DAY	621	CONSUMED	5		
2000 TO 2400	1	1200	445	680	9	120	110		62	700	700	240	EVAPORATED OR RECEIVED	88				
													ON HAND	432				
	2	1200	445	680	7	146	132		72	700	700	240	CONSUMED	277				
													DOMESTIC WATER					
2400 TO 0400	1	1200	445	680	9	120	110		62	700	700	240	LOW PRESS. EVAPORATORS	4 hrs.	(No. of hrs. operated) (Fresh water made gal.)	4 hrs. 4 hrs. 4 hrs.		
													4 hrs.	4 hrs.	4 hrs.	4 hrs.		
	2	1200	445	680	7	146	132		72	700	700	240	L.O. CENTRIFUGE - HOURS OPERATED					
													1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400		
0400 TO 0800	1	1200	445	690	9	120	110		62	700	700	240	4	4	4	4		
	2	1200	445	690	7	144	132		72	700	700	240	SUMMARY					
													RUNNING TIME	1440	PERCENT OF SLIP	16.91		
0800 TO 1200	1	1200	445	685	9	148	134		62	750	750	240	DETENTION TIME	✓	BBL FUEL/MI	1.50-1.80		
													TOTAL REVOLUTIONS	29.830	WIND DIRECTION	120°-20k		
	2	1200	445	685	7	120	110		74	750	750	240	AVERAGE R.P.M.	88.09	STATE OF SEA	120°-6'		
													TOTAL MILES BY ENGINE	473	STATE OF WEATHER	Clear		
0800 TO 1200	1	1200	455	675	9	120	110		62	700	700	240	TOTAL MILES BY OBSERVATION	393	Az 82°	S=16.87		
	2	1200	455	675	7	146	132		72	700	700	240						

REMARKS

1200-1600 WATCH

Underway on 16 Nozzles: Machinery in Oper. as of Norm. Main Unit, B-1, B-2, G-1, G-2, M-1, MC-1, ME-R, E-1, E-2, D-1, D-2, P-1, P-2, F-1, F-2, C-1, L-1, S-2, LC-1, - #1 Aux. Generator on Line @ 1300 -
 Lit off A. Co. @ 1330 - Secured @ 1530 - Unable to keep Gov. Locked in -
 Pumped Eng. from Bilges
 Blew Down Storage Blower #1/2 Boiler -

WATCH ENGR'S SIGNATURE-

M. Fox

1600-2000 WATCH

Underway on 16 Nozzles - Permission granted to blow tubes @ 1605 - 1625. Two gallon barrel added to no. 1 feed pump. Pumped bilges, made routine sounds and inspections. Checked steering engine room. Changed bottom burner and cleaned. Day workers working on air conditioning tubes. MC-1 pump shut down - heard a rattle in pump, MC-2 on line @ 1700. Ch. Electrician say pressure switch on low h.o. indicator is grounded. Still no one a.m.

WATCH ENGR'S SIGNATURE-

D. H. Burke

2000-2400 WATCH

Underway, 16 Nozzles machinery as before, CDC main h.o. strainer, gen. LO strainers Pumped bilges. Blew down boiler water column, punched burner drain holes. made condensate tests .91 satisfactory, routine tests and inspections. Chief and 1st eng. left space at 2045, started steering gear sent 1st Eng. to start Vent Sys. (1-186-5), in after troop berthing compartments. Regular underway steaming watch routine.

WATCH ENGR'S SIGNATURE-

R. P. Adams

2400-0400 WATCH

Machinery as Before, Except: - changed & cleaned upper fuel oil burner for section strainer - Blew Down Storage Blower #1/2 Boiler - changed to Inboard Settler @ 0300 - Pumped Eng. from Bilge - Finna Cleaning on Station

F.O. INBD.
F.W. 38
M.V. DB 1P
M.O.V. 6.4
EVAP. #142 1P
GALS. 10400

WATCH ENGR'S SIGNATURE-

M. Fox

0400-0800 WATCH

Machinery as before, except: changed and cleaned bottom burner. Cleaned generator h. o. strainer on SH + H2. Checked steering engine room. Made routine sounds and inspections. Chief in Engine room 0605 to 0615. Pumped engine room bilges.

GALS-D 7500

WATCH ENGR'S SIGNATURE-

D. H. Burke

0800-1200 WATCH

Underway on 16 nozzles - machinery as before - Blew tubes 0800 to 0820 - F.O. INBD tested fire alarm C 0835 - C & C Center Burner & C & C P.F.O.S. C 0900 - sec pumping sett C 0950 - chief in E.R. C 0956 - checked steering E.R. C 1000 - added 2" of L.O. from RHT TK to M. L.O.S through L.O.P. from 1030 to 1100 - pumped E.R. Bilges - condensate .41 made routine sounds & inspection of machinery

WATCH ENGR'S SIGNATURE-

R. P. Adams

CHIEF ENGINEER

Fire Drill S.B.E. @ 1516 - LH @ 1546 3. 2.
 Abandon Ship Drill @ 1550.

2 BOILERS 1

7.01 P. ALK. 8.18
 11.70 M. ALK. 13.43
 6.21 CHL. 7.46
 50 P04 40
 40 S03 40
 10.5 PH 10.5
 1446 WS. HRS 4309
 1800 ES HRS 1727

CHIEF ENGR'S SIGNATURE-

J. A. Halloran

USNS		General John Pope 206-110		VOYAGE NO.		4B		FROM		Panama, Canal.		TO		Naha, Okinawa		TYPE OF VESSEL		Br L-202		DATE		Aug 2-3, 1946									
		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				136		136		137		136		136		136					
DETENTION TIME																															
REVOLUTION COUNTER (END OF WATCH)		0611 8160		0614 8180		0616 4400		0618 8500		0621 2520		0623 4650				134		135		135		135		134		134					
TOTAL REVOLUTIONS (FOR WATCH)		21970		22020		24220		24100		24020		22130				130		130		130		130		130		130					
AVERAGE RPM		91.5		91.7		93.2		91.6		92.3		92.2				156		160		160		160		154		154					
F.O. METER (END OF WATCH)		8902 020		8404 520		8707 450		8910 310		8913 220		8915 910				148		145		145		146		147		147					
F.O. CONSUMED		2370		2500		2930		2860		2910		2690				104 110		112 112		110 110		112 114		114 112		112 112					
		THROTTLE		445		445		450		445		445		455				158		161		162		162		162					
		H.P. AHEAD		425		425		430		425		425		435				240		238		238		240		240					
		L.P. AHEAD		19		235		25		24.5		24.5		25																	
		VACUUM		27.5		27.5		27.5		27.5		27.5		27.4																	
		L.O. TO TURBINES		17		17.5		17.6		17		17.5		18																	
		AUX. STEAM		140		140		140		140		140		140																	
		BACK PRESSURE		9		9		9		9		9		9																	
		GLAND STEAM		2		2		2		2		2		2																	
		H.P. BLEEDER		80		80		80		80		80		80																	
		I.P. BLEEDER		6		6		6		-		-		-																	
		L.P. BLEEDER		12"		9"		9		9"		9"		9																	
		STEAM AT THROTTLE		685		690		690		680		680		680																	
		L.P. EXHAUST		108		115		115		115		115		115																	
		CONDENSATE		104		112		110		110		113		109																	
		CIRC. WATER IN		84		85		85		85		86		86																	
		CIRC. WATER OUT		92		96		96		96		98		96																	
		L.O. TO COOLERS		127		128		129		128		127		127																	
		L.O. FROM COOLERS		110		112		110		110		110		110																	
		TEMPERATURE THRUST BEARING		118		118		118		118		120		118																	
		FORWARD H.P. ROTOR BEARING		126		127		127		126		127		128																	

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		L.O. CENTRIFUGE - HOURS OPERATED													
1200 TO 1600	1	1200	445	685	9	120	110		62	700	700	240	METER AT NOON	63.240	ON HAND AT START OF DAY	120	LOW PRESS. EVAPORATORS (No. of hrs operated) (Fresh water made gal.)	4 hrs	4 hrs	4 1/2	4 1/2	4 1/2	4	4	4 1/3	4 1/2	4 1/2	4		
	2	1200	445	685	7	144	132		72	700	700	240	METER PREVIOUS NOON	29.780	EVAPORATED OR RECEIVED	17													ON HAND	104
1600 TO 2000	1	1200	445	690	9	121	112		62	800	800	240	CONSUMED BY METER	33.460	ON HAND AT START OF DAY	10.382	RECEIVED DURING DAY	-	EXPENDED DURING DAY	796	REMAINING ON BOARD	9.586	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154
	2	1200	445	690	7	146	132		72	756	756	240	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154		
2000 TO 2400	1	1200	450	690	9	122	112		62	750	750	240	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154		
	2	1200	450	690	7	148	134		72	750	750	240	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154		
2400 TO 0400	1	1200	445	680	9	120	110		62	700	750	240	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154		
	2	1200	445	680	7	146	132		72	750	750	240	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154		
0400 TO 0800	1	1200	445	680	9	120	110		62	750	750	240	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154		
	2	1200	445	680	7	146	132		72	750	750	240	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154		
0800 TO 1200	1	1200	455	680	9	120	110		62	800	800	240	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154		
	2	1200	455	680	7	146	134		72	750	750	240	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154	ON HAND AT START OF DAY	432	EVAPORATED OR RECEIVED	218	ON HAND	496	CONSUMED	154		
SUMMARY																														
RUNNING TIME														1500	PERCENT OF SLIP														15.50	
DETENTION TIME														L	BBL FUEL/MI														1.54-182	
TOTAL REVOLUTIONS														134680	WIND DIRECTION														180°-15 kts	
AVERAGE R.P.M.														89.78	STATE OF SEA														18°-5 ft	
TOTAL MILES BY ENGINE														516	STATE OF WEATHER														Clear	
TOTAL MILES BY OBSERVATION														436	P= 85°														S= 17.44	

REMARKS

1200-1600 WATCH

Underway on 16 Nozzles: Machinery in op. of Room: Main Unit, B-1, B-2, C-1, G-2
 M-1, MC-1, ME-R, E-1, E-2, D-1, D-2, F-1, F-2, C-1, L-1, S-2, LC-1, Ship Force Flaking on
 A. CON - Electrician Flaking on Engineer's alarm Panel - Blow Tank #1 & 2 Bilges 1515-1530 -
 Lit off A. CON - @ 1530 - Pumped frg. Space Bilges -

F.O. INBD
 F.W. 32
 M.O. DB 1/P
 M.U.-V. 7.5
 EVAP. #1 32
 GALS. 6500

WATCH ENGR'S SIGNATURE-

M. Fox

1600-2000 WATCH

Machinery as before, except: Dayworkers working on al unit. Pumped engine room bilges. Made routine sounds inspections. Checked steering engine room - pumped up reserve. Changed and cleaned lower burners. Changed and changed Main Engine P.O. Drawers. A.C. unit lit off @ 1830.

F.O. INBD
 F.W. 35
 M.U. DB-1/P
 M.U.-V. 5.7
 2avg. #1 to 35
 GALS. 6500

WATCH ENGR'S SIGNATURE-

J.H. Bank

2000-2400 WATCH

Underway on 16 Nozzles - Machinery as before - except A.C. unit in operation - C & C M.L.O.S. - C & C G-1-2 L.O.S. - pumped E.R. Bilges -
 Checked steering E.R. - Retard clock 20 min @ 2300 - Condensate test .4.
 made routine sounds & inspection of machinery -

F.O. - INBD
 F.W. -
 M.H. - DB-1/P
 M.H. - 4.9
 EVAP. #1- 35
 #2- 15
 GALS. - 12,400

WATCH ENGR'S SIGNATURE-

R.P. Adams

2400-0400 WATCH

Machinery as Before, Except: - changed & cleaned. Upper fuel oil burner
 Section Drawers - Set Clock Back 20 minutes @ 0052 - A. CON. Unit
 Alarm sounded @ 0200, tripped out; Refr. checked out & Unit Restarted @ 0200 -
 Changed to Outboard Saddle @ 0230 - Pumped frg. Space Bilges -

F.O. OUTBD
 F.W. 35
 M.U. DB 1/P
 M.U.-V. 6.4
 EVAP. #1 & 2 35
 GALS. D. - 13,100

WATCH ENGR'S SIGNATURE-

M. Fox

0400-0800 WATCH

Machinery as before except, changed and cleaned bottom fuel oil burners. Retarded clock @ 0440. 5 gal L.O. added to P-2 supply
 Pumped bilges. Check steering engine. Made routine sounds and inspections. Reper Eng. on watch repaired engine room water cooler.
 Ch. Eng. in engine room 0620 -

F.O. Outboard
 F.W. #3 544
 M.U. DB-1/P
 M.U.-V. 6.4
 EVAP. #1 & 2 32
 GALS. D. - 13,500

WATCH ENGR'S SIGNATURE-

J.H. Bank

0800-1200 WATCH

Underway on 16 Nozzles - Machinery as before - Blow tanks from 0800 to 0820
 upon W.T.O. @ 0950 - C & C center burner and P.F.D.S. - tested fire alarm -
 Condensate .4 fr. pumped up adds - made routine sounds & inspection

F.O. - OUTBD
 F.W. - 35
 M.H. DB 1/P
 M.H. - 6.8
 EVAP. - 32
 GALS. - 11,900

WATCH ENGR'S SIGNATURE-

R.P. Adams

CHIEF ENGINEER

Inventory of G.S.M. Class 3062 completed in accordance with NAVSEA 236
 GARA 1438 on this date. Bridge notified. M. Fox

2 Boilers 1
 6.42 FALK 9.24
 9.93 MALK 12.26
 5.39 CHL. 7.86
 45 POF 40
 35 50.3 40
 10.5 PH 10.5
 4470 WS. HAS. 433
 1824 FS. HAS. 175

CHIEF ENGR'S SIGNATURE-

J.A. Holloman

		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	MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING	126	137	137	137	136	135	
DETENTION TIME										FORWARD L. P. ROTOR BEARING	132	135	134	134	134	134	138
REVOLUTION COUNTER (END OF WATCH)		0625 6900	0627 8920	0630 1140	0632 3360	0634 5470	0636 7580			AFT. L. P. ROTOR BEARING	128	130	129	128	130	128	
TOTAL REVOLUTIONS (FOR WATCH)		22250	22020	22220	22110	22110	22110			HOTTEST GEAR BEARING FORWARD	155	155	154	155	153	154	
AVERAGE RPM		92.7	91.7	92.6	91.5	92.1	92.1			HOTTEST GEAR BEARING AFT	145	147	147	147	146	147	
F.O. METER (END OF WATCH)		8918 675	8921 410	8924 140	8926 770	8929 430	8932 040			AUX. COND. CONDENSATE	115 116	116 116	112	115 116	115 113	110 112	
F.O. CONSUMED		2760	2740	2730	2630	2660	2610			1ST STAGE FEED WATER HEATER	160	163	162	162	160	164	
										D. C. FEED WATER HEATER	240	240	238	238	240	238	
								3RD STAGE FEED WATER HEATER									
PRESSURES	THROTTLE	445	445	445	445	445	450	BOILER PARTICULARS	TEMPERATURES	F.O. TO BURNERS	180	180	180	180	180	180	
	H.P. AHEAD	425	425	430	425	425	430			F. O. BACK PRESSURE	12	10	10	12	14	15	
	L.P. AHEAD	24.5	24.0	25	25	24.0	24			AIR TO FURNACE	143	144	144	148	146	144	
	VACUUM	27"	27"	27.2	27"	27.2	27.2			UPTAKE	318 300	305 300	315 310	320 300	335 312	295 285	
	L.O. TO TURBINES	18	18	18	18	18	19			MAIN STEAM	730	730	705	700	720	720	
	AUX. STEAM	140	140	135	140	140	140			SUPER HEAT	460	460	460	460	460	470	
	BACK PRESSURE	9	9	9	9	9	9			F.O. TO BURNERS	210	200	200	200	210	210	
	GLAND STEAM	2	2	2	2	2	2			F.O. TEMP. IN SETTLING TANKS	136 112	122 110	122 110	122 109	112 110	118 116	
	H.P. BLEEDER	80	80	75	80	80	80			PORT BOILER UPTAKE	6.4	6.6	6.0	6	6.0	5.8	
	I.P. BLEEDER	-	-	SECO	-	-	-			STBD. BOILER UPTAKE	6.6	7.2	5.8	5.2	5.4	5.0	
L.P. BLEEDER	9"	9"	9"	9"	9"	9			ENGINE ROOM TEMPERATURE	100	99	98	96	95	96		
TEMPERATURES	STEAM AT THROTTLE	710	700	705	690	680	680	MISCELLANEOUS		FIRE ROOM TEMPERATURE	100	99	98	96	95	96	
	L.P. EXHAUST	115	115	115	114	112	115			NOZZLES IN USE	16	16	16	16	16	16	
	CONDENSATE	109	112	109	109	110	110			NO. OF BURNERS IN USE	6	6	6	6	6	6	
	CIRC. WATER IN	85	86	86	86	86	85			BURNER TIP SIZE	53 70	53 90	53 70	53 70	53 70	53 70	
	CIRC. WATER OUT	96	96	95	96	95	95			CO2 % PORT BOILER	13	12.0	12.5	12.5	13.5	13.5	
	L.O. TO COOLERS	127	128	127	128	126	127			CO2 % STBD. BOILER	12.5	12.0	12	13	13	13.5	
	L.O. FROM COOLERS	110	110	110	110	110	110			OIL LEVEL MAIN SUMP	1'	1'	1	1'	1'	1'	
	TEMPERATURE THRUST BEARING	118	118	118	118	118	118										
FORWARD H.P. ROTOR BEARING	135	130	128	128	126	130											

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	1	1200	445		9	120	110		62	750	750	240	METER AT NOON	95.620	ON HAND AT START OF DAY	104		
													METER PREVIOUS NOON	63.240	EVAPORATED OR RECEIVED	44		
	2	1200	445		7	146	132		72	750	750	240	CONSUMED BY METER	32.380	ON HAND	63		
													ON HAND AT START OF DAY	95.86	CONSUMED	85		
1600 TO 2000	1	1200	445		9	122	112		62	750	750	240	RECEIVED DURING DAY	-	ON HAND AT START OF DAY	5250		
													EXPENDED DURING DAY	771	RECEIVED	-		
	2	1200	445		7	148	134		71	750	750	240	REMAINING ON BOARD	8815	ON HAND	5245		
													ON HAND AT START OF DAY	496	CONSUMED	5		
2000 TO 2400	1	1200	445		8	122	112		62	750	750	240	DOMESTIC WATER					
													EVAPORATED OR RECEIVED	228				
	2	1200	445		7	147	134		73	750	750	240	ON HAND	536				
													CONSUMED	188				
2400 TO 0400	1	1200	445		9	120	110		62	750	750	240	LOW PRESS. EVAPORATOR (No. of hrs. operated)	1122	Fresh water used gals.	182		
													4 hrs	4 hrs	4 hrs	4 hrs		
	2	1200	445		7	148	134		72	750	750	240	L.O. CENTRIFUGE - HOURS OPERATED					
													1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
0400 TO 0800	1	1200	445		9	120	110		62	750	750	240	4	4	4	4		4
	2	1200	445		7	148	134		72	750	750	240	SUMMARY					
	1	1200	445		9	122	112		62	750	750	240	RUNNING TIME	1440	PERCENT OF SLIP	13.92		
													DETENTION TIME	✓	BBL FUEL/MI	1.60-1.86		
0800 TO 1200	2	1200	445		7	122	112		71	750	750	240	TOTAL REVOLUTIONS	129,030	WIND DIRECTION	180°-10k		
	1	1200	450	680	9	123	112		62	750	750	240	AVERAGE R.P.M.	89.6	STATE OF SEA	4'		
													TOTAL MILES BY ENGINE	481	STATE OF WEATHER	Clear		
	2	1200	450	680	7	148	134		72	750	750	240	TOTAL MILES BY OBSERVATION	414	A=83°	S=17.2		

REMARKS

1200-1600 WATCH

Underway on 16 nozzle: Machinery in op. as of noon. Main Unit, B-1, B-2, G-1, G-2
 M-1, MC-2, ME-2, F-1, F-2, D-1, D-2, F-1, F-2, C-1, L-1, S-2, LC-1, A.C.W., A.C.C.P., A.C.C.W. - changed &
 cleaned upper fuel oil burner - blew tubes #1 & 2 Boiler 1515-1530 - Condensate - 4 -
 blew down charge blow #1 & 2 Boilers - Pumped fog spray Bilges -
 secured A. Cor @ 1535 to hold on steam - Back on @ 1540 -

F.O. OUTBD.
 F.W. 32
 H.O. DB 15
 H.O. V. 7.5
 EVAP. #12-32
 DIST. G. - 12,300

WATCH ENGR'S SIGNATURE - M. F. O.

1600-2000 WATCH

Machinery as before, except, cleaned bottom burner and changed. Pumped F.O. Bilges. Made routine sounds and inspection. F.W. 32
 checked steering engine and pumped up reserve cleaned h.o. MV DB-15
 Strainers on G-1 and H-2.

MU-V 6.4
 EVAP. #12-32
 DIST. G. - 12,300

WATCH ENGR'S SIGNATURE - A. H. Brink

2000-2400 WATCH

MAINT AS BEFORE. CHANGED & CLEANED MAIN UNIT & AUX GEN L.O. STRNRS. Inboard
 CHECKED FIRE STATIONS & WEIGHED CO² BOTTLES F.W. 32
 FLUSHED BILGES. MU-FDB DB 15
 MU-FDB 6.1
 EVAP. #12-35
 DIST. 12,000

WATCH ENGR'S SIGNATURE - W. B. Brink

2400-0400 WATCH

CHANGED TO INBD SETTLER @ 2315
 Machinery as before, except, changed & cleaned fuel oil strainers. Inboard
 Strainers - flushed & pumped fog spray Bilges - Condensate - 4 GTS. F.O. INBD. 32
 F.W. 32
 MU-V DB 15
 MU-V 7.5
 EVAP. #12-32
 GALS. 12,400

WATCH ENGR'S SIGNATURE - M. F. O.

0400-0800 WATCH

Machinery as before. Cleaned and changed lower burner. F.O. Inboard
 Hosed down bilges. Made routine sounds and inspections. Pumped F.W. 32
 Engine room bilges. Cleaned main lube oil strainers. checked MU-DB-15
 steering engine. 0453 fire reported inside vent 1-210-2.92. MU-V. 4.9
 Engine investigated - apparently the light was seen blow through vent. EVAP. #12-32
 GALS-D. 12,400

WATCH ENGR'S SIGNATURE - A. H. Brink

0800-1200 WATCH

Underway on 16 nozzle - machinery as before - blew tubes C 0800 to 0820 F.W. - 32
 blew W.T.D. C 0815 - secured #15 sett's from 0845 - to 1020 - tested fire alarm MU-DB 15
 C 0907 - C & C Center Burners and P.F.O.S. - Chief in E.R. C 1040 - MU-V. 7.6
 Condensate .4 made routine sounds & inspection of machinery - EVAP. #12-32
 GALS - 11,900

WATCH ENGR'S SIGNATURE - R. P. Adams

CHIEF ENGINEER

Mr Braginskas Standing Watch between

2 BOILERS 1 2100-2400 For Mr Adams, who is ill - P.H.

8.18 PALK 11.10

12.26 NALK 15.18

7.04 GHL 7.89

35 P04 40

30 S03 30

10.55 PH 10.25

4.49 W.S.HRS 4.35

1.848 F.S.HRS 1.745

Weighed all CO² Bottles, Checked Fire
 Stations 2000-2400 Wed -

Chief Elect. completed Weekly Check of all Safety
 devices and Tests as per Check off Sheet. 3 Aug 1945

CHIEF ENGR'S SIGNATURE - R. P. Adams

USNS		Voyage No.		From		To		Type of Vessel		Date			
USNS John C. Stennis 110		48		Pacoma, Wash.		Naha Okinawa		22-2		Aug 5-6, 1966			
WATCH													
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200						
RUNNING TIME		140	240	240	140								
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)		0651 9590	0654 1730	0656 3990	0658 6240	0659 8950							
TOTAL REVOLUTIONS (FOR WATCH)			22140	22260	22250	9710							
AVERAGE RPM			92.2	92.8	92.7	88.2							
F.O. METER (END OF WATCH)		2817 380	8953 830	8956 540	8959 250	0846 200	8962						
F.O. CONSUMED		2560	2220	2710	2710	2210	740						
MACHINERY PARTICULARS													
THROTTLE		445	445	450	445	445							
H.P. AHEAD		425	425	430	425								
L.P. AHEAD		24	25	25	25								
VACUUM		27"	27"	27.2	27"		23.8						
L.O. TO TURBINES		19	19.5	19.2	19		19						
AUX. STEAM		140	140	140	140	135	140						
BACK PRESSURE		9	9	9	9	9	9						
GLAND STEAM		2	2	2	2	2							
H.P. BLEEDER		80	80	80	80	-							
I.P. BLEEDER		-											
L.P. BLEEDER		10	9"	9	9"	-							
STEAM AT THROTTLE		690	680	675	685								
L.P. EXHAUST		118	120	119	119		162						
CONDENSATE		112	116	114	118		106						
CIRC. WATER IN		90	90	88	89		88						
CIRC. WATER OUT		100	100	100	100		94						
L.O. TO COOLERS		129	130	128	128		110						
L.O. FROM COOLERS		110	110	110	110		110						
TEMPERATURE THRUST BEARING		118	119	119	119								
FORWARD H.P. ROTOR BEARING		126	130	128	128								
MACHINERY PARTICULARS (CONT'D)													
AFT. H. P. ROTOR BEARING		136	136	137	136								
FORWARD L. P. ROTOR BEARING		132	135	135	135								
AFT. L. P. ROTOR BEARING		130	130	130	130								
HOTTEST GEAR BEARING FORWARD		155	155	155	155								
HOTTEST GEAR BEARING AFT		145	148	148	145								
AUX. COND. CONDENSATE		114	115	110	119		110						
1ST STAGE FEED WATER HEATER		162	163	166	162		108						
D. C. FEED WATER HEATER		240	240	238	240		240						
3RD STAGE FEED WATER HEATER													
F.O. TO BURNERS		180	180	180	180	180	180						
F. O. BACK PRESSURE		12	12	12	12	12	10						
AIR TO FURNACE		148	149	148	148	146	140						
UPTAKE		320	310	310	315	260	295						
MAIN STEAM		720	720	710	720		790						
SUPER HEAT		460	460	470	460		450						
F.O. TO BURNERS		200	210	210	210	180	150						
F.O. TEMP. IN SETTLING TANKS		110	112	112	112	110	112						
PORT BOILER UPTAKE		6	6.4	5.8	5.8	5.4	3.8						
STBD. BOILER UPTAKE		6	6.0	6.8	7.4	6.0	7.4						
ENGINE ROOM TEMPERATURE		100	100	98	99	97	99						
FIRE ROOM TEMPERATURE		100	100	98	99	97	99						
NOZZLES IN USE		16	16	16	16								
NO. OF BURNERS IN USE		6	6	6	6	6	2						
BURNER TIP SIZE		53	53	53	53		53						
CO2 % PORT BOILER		13	13.0	14.0	12.5								
CO2 % STBD. BOILER		13.5	13.0	13.5	13.								
OIL LEVEL MAIN SUMP		11"	11"	11"	11"	9"	9"						
GENERATORS													
WATCH		GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600		1	1200	445	690	9	120	114		62	800	800	240
		2	1200	445	690	7	148	134		72	800	800	240
1600 TO 2000		1	1200	445	680	9	123	115		62	750	750	240
		2	1200	445	680	7	152	136		72	750	750	240
2000 TO 2400		1	1200	450	675	9	125	115		62	750	750	240
		2	1200	450	675	7	152	136		72	700	700	240
2400 TO 0400		1	1200	445	685	9	125	115		62	700	700	240
		2	1200	445	685	7	151	136		72	700	700	240
0400 TO 0800		1	1200	445	680	9	124	114		62	650	650	240
		2	1200	445	680	7	152	136		74	650	650	240
0800 TO 1200		1	1200	450		9	124	114		62	700	700	240
		2	1200	450		7	150	136		72	700	700	240
FUEL - WATER AND LUBE OIL													
FUEL OIL		METER AT NOON	55390	ON HAND AT START OF DAY	65								
		METER PREVIOUS NOON	28820	EVAPORATED OR RECEIVED	68								
		CONSUMED BY METER	26570	ON HAND	84								
		ON HAND AT START OF DAY	8025	CONSUMED	49								
		RECEIVED DURING DAY	-	ON HAND AT START OF DAY	5240								
		EXPENDED DURING DAY	632	RECEIVED	-								
		REMAINING ON BOARD	7393	ON HAND	5235								
DOMESTIC WATER		ON HAND AT START OF DAY	593	CONSUMED	5								
		EVAPORATED OR RECEIVED	191										
		ON HAND	772										
		CONSUMED	200										
L.O. CENTRIFUGE - HOURS OPERATED													
1200 TO 1600		4hrs.	4hrs.	4hrs.	4hrs.	4							
SUMMARY													
RUNNING TIME		1110	PERCENT OF SLIP										
DETENTION TIME		✓	BBL FUEL/MI										
TOTAL REVOLUTIONS		91,840	WIND DIRECTION										
AVERAGE R.P.M.		82.7	STATE OF SEA										
TOTAL MILES BY ENGINE		342	STATE OF WEATHER										
TOTAL MILES BY OBSERVATION		347											

arr. 0630 shift ch 0661290 - T-ctr 06598950, V. 7.0M 6138800, S-7.0M 2822100

REMARKS

1200-1600 WATCH

Underway on 16 Nozzle: Machinery in operation as of noon: Main Unit, B-1, B-2, G-1, G-2, M-1, MC-2, ME-R, A-1, E-1, E-2, D-1, D-2, P-1, P-2, F-1, F-2, C-1, L-1, S-2, LC-1, A.C.O.N. - A.C.C.P., S.C.C.W. - Lit off AC-1, & AE-R., Split Plant. Second & C.O.W. @ 1300 - Back on line @ 1400 - changed & cleaned 2 fuel oil burners - completed running sea water for cooling into Air-Heater Testing Cooler - Blew Tank #1 & #2 - 1515-1520 - Pumped fog. Sprayer Bilges - Sacrometer out of order -

F.O. OUTBD
F.W. 3/5
MUF 08-1/2
MU-U 18.6
EVAP 14.4
GAL-D

WATCH ENGR'S SIGNATURE - M. Fox

1600-2000 WATCH

Machinery as before, except, switched to inboard settlers @ 1720. Mr. Long filled outboard settlers. Checked steering engine and pumped up reservoir. Routine and inspections made. Cleaned fuel oil strainers on G-1 - G-2. Cleaned and changed bottom fuel oil burners.

F.O. 2/10
F.W. 3/5
MUF 08-1/2
MU-U 8.0
EVAP 3.2
GAL-D 10,700

WATCH ENGR'S SIGNATURE - J. H. Burk

2000-2400 WATCH

Machinery as before, except plant is split - changed & clean M.L.O.S. C & C G-1 & G-2 L.O.S. - checked steering E.R. - pumped Engine room Bilges. Made routine rounds & inspection of machinery -

F.O., inboard
F.W.
MUF 08 1P
MU-U 6.0
EVAP 12.55
GAL-D 12,700

Condensate .4.

WATCH ENGR'S SIGNATURE - R. P. Adams

2400-0400 WATCH

Machinery as before, except: - changed & cleaned fuel oil section Strainers - Blew Down Muzzle Blower #1 & #2 Bilges - Ran M. H. Fr. f. on #1 Bilge 0030-0200 - Pumped fog. Sprayer Bilges -

F.O., inboard
F.W. 3/5
MUF 08 1P
MU-U 7.5
EVAP 11.12
GAL-D 10,900

WATCH ENGR'S SIGNATURE - M. Fox

0400-0800 WATCH

Machinery as before except. @ 0422 Reduced speed to 5.0 k.p.m. by order of bridge. Seemed ragged. changed inboard to outboard 7.0 settlers @ 0530. checked steering engine, pumped up reservoir. Called manning watch for 0630. made routine round and inspections. 0533 reduce speed to 4.0 k.p.m. by b/o. bridge.

F.O. outboard
F.W. 3/5
MUF 08-1/2
MU-U 9.0
EVAP 11.2
GAL-D 13,200

WATCH ENGR'S SIGNATURE - J. H. Burk

0800-1200 WATCH

Manning Bells per Bill Burk. F.W.E @ 0812 - see steering E.R. @ 0812 - see Boiler stops & Bulkhead stops - engaged packing gear - 0815 - see 1st stop to main air ejector @ 0830 - fuel left engine room to help refuel ship @ 0837 changed to high sea rotation @ 0840 - made routine rounds & inspection of machinery - started taking on fuel @ 0910 -

F.O. OUTBD
F.W.
MUF 08-1/2
MU-U 6.0
EVAP 1.2
GAL-D 12,800

WATCH ENGR'S SIGNATURE - R. P. Adams

CHIEF ENGINEER

John Bell - FWT - Dine for Packitt
@ 0030 oiler Manning became ill & was sent to Vessels Hospital - oiler McShane called out & stood 0000-0400 oiler watch - M. F.

✓ BOILER 1

9.34 P. ALK 9.34
14.02 T. ALK 13.43
7.97 CHLO 7.46
25 PH. 4 20
30 SC. 3 25
10.5 FH 10
4542 WS. HRS. 4403
1846 1843

CHIEF ENGR'S SIGNATURE - J. H. Burk

F.W.E @ 0812 S-CTR- 06615220 T-CTR- 06598988 - PFOM- 6139170 S.FOM- 2822470

USMS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE					
General John Pope PR-110		4		Buckner Bay, P.R.				PR-26-2		Aug. 6-7, 1966					
		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				145	142	140	140	210
DETENTION TIME											140	138	140	137	134
REVOLUTION COUNTER (END OF WATCH)			0661	0663	0666	0668	0670				135	136	135	136	135
TOTAL REVOLUTIONS (FOR WATCH)			16200	22220	22200	22180	22050								
AVERAGE RPM			90.0	92.6	91.5	92.4	91.9								
F.O. METER (END OF WATCH)			8963	8965	8968	8971	8976				108	112	110	110	110
F.O. CONSUMED			810	2540	2740	2770	2680				108	116	114	114	114

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	1	1200	440		9	124	115		62	600	600	240	METER AT NOON	83.060	ON HAND AT START OF DAY	84		
													METER PREVIOUS NOON	55.390	EVAPORATED OR RECEIVED	47		
	2	1200	440		7	152	136		72	600	600	240	CONSUMED BY METER	27.670	ON HAND	73		
													ON HAND AT START OF DAY	73.93	CONSUMED	58		
1600 TO 2000	1	1200	445		9	125	117		62	750	750	240	RECEIVED DURING DAY	11.589	ON HAND AT START OF DAY	5235		
													EXPENDED DURING DAY	6.58	RECEIVED	-		
	2	1200	445		7	150	134		73	750	750	240	REMAINING ON BOARD	18.324	ON HAND	5230		
2000 TO 2400	1	1200	450		9	125	117		62	750	750	240	ON HAND AT START OF DAY	77.2	CONSUMED	5		
													EVAPORATED OR RECEIVED	224				
	2	1200	450		7	151	134		72	750	750	240	ON HAND	1672				
2400 TO 0400	1	1200	445		9	125	115		62	800	800	240	CONSUMED	190				
													LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made salt.)					
	2	1200	445		7	150	136		72	800	800	240	1142 4 hrs. 162 4 hrs. 182 4 hrs. 182 4 hrs. 182 4 hrs.					
0400 TO 0800													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
0800 TO 1200													SUMMARY					
													RUNNING TIME	1140	PERCENT OF SLIP	18.125		
													DETENTION TIME	✓	BBL FUEL/MI			
													TOTAL REVOLUTIONS	101.500	WIND DIRECTION	200°-5 ka		
													AVERAGE R.P.M.	89.03	STATE OF SEA	Smooth		
													TOTAL MILES BY ENGINE	378	STATE OF WEATHER	Clear		
													TOTAL MILES BY OBSERVATION	320	8-16.84	A285		

S.B.E-1600, S.E.T. 06615370, T.A.R. 06599260, P.A.T. 6140030, S.F.O.M. 2823150

1200-1600 WATCH

Watches: J. Ing. Bennett Silver - Belle & H. A. Davis

WATCH ENGR'S SIGNATURE-

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1600-2000 WATCH

F.O. call
F.W. #3/p
MUF DB-1/3
MU-U 7.0
EVAP 6373
GAL-D 1430

WATCH ENGR'S SIGNATURE.

Ad. Bush

2000-2400 WATCH

F.O. 2780
F.V. 35
MUF 145
MU-U 6.8
EVAP 39
GAL-D 12600

WATCH ENGR'S SIGNATURE

R. R. Adams

2400-0400 WATCH

F.O., OUT 80.
F.W. 3P
MUF 42/13
MU-U 7.8
EVAP * 142
GAL-D 1220.

WATCH ENGR'S SIGNATURE

M. Fox

0400-0800 WATCH

F.O. 20
F.W. 34
MUF 22-15
MU-U 7.0
EVAP 14 3.5
GAL-D 12.300

WATCH ENGR'S SIGNATURE

A. G. Burk,

0800-1200 WATCH

F.O. inborn
F.V. 3C
MUF 0315
MU-U 7
EVAP 1/2 - 3 1/5
CAL-D 12 1/2

WATCH ENGR'S SIGNATURE.

R. P. Adami

CHIEF ENGINEER

Rec'd 11.589 BBl's Fuel Oil while at the Dock
at Buckner Bay - Navy Special

~~BOILER~~

CHIEF ENGR'S SIGNATURE.

L. P. Holloman

DEPT. @ 1700, 2.27 ^{066 18000}~~066 1740~~, Tach. 066 01740, P. 7.0 m. 6140040, S-7.0 m. 2823380

USNS General John Pope 205-110 VOYAGE NO. 4C FROM Buckner Bay, R.I. TO Vietnam TYPE OF VESSEL BR-22-2 DATE Aug. 7-8, 1966

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	120	AFT. H. P. ROTOR BEARING	140	140	140	140	140	142
DETENTION TIME						120	FORWARD L. P. ROTOR BEARING	135	137	135	136	135	140
REVOLUTION COUNTER (END OF WATCH)	0672 7000	0674 9060	0677 3090	0679 7110	0682 1070	0683 7900	AFT. L. P. ROTOR BEARING	134	137	135	135	135	138
TOTAL REVOLUTIONS (FOR WATCH)	22150	22060	24030	24070	23960		HOTTEST GEAR BEARING FORWARD	152	165	165	165	165	165
AVERAGE RPM	92.2	91.9	92.4	91.3	92.1		HOTTEST GEAR BEARING AFT	146	154	150	152	150	152
F.O. METER (END OF WATCH)	8979 180	8981 230	8984 870	8987 750	8990 720	8993 250	AUX. COND. CONDENSATE	115 118	115 118	115 116	115 118	115 117	115 116
F.O. CONSUMED	2770	2750	2940	2880	3070		1ST STAGE FEED WATER HEATER	164	165	166	164	165	166
PRESSURES	THROTTLE	445	445	445	445	455	D. C. FEED WATER HEATER	238	240	239	238	240	240
	H.P. AHEAD	425	425	425	425	435	3RD STAGE FEED WATER HEATER						
	L.P. AHEAD	25	24.5	25	25	25.5	F.O. TO BURNERS	150	150	150	150	150	150
	VACUUM	26.8"	26.8	26.9	27"	27.0	F.O. BACK PRESSURE	12	12	11	12	13	12
	L.O. TO TURBINES	19	19.5	18.6	18	18.0	AIR TO FURNACE	148	148	145	146	145	144
	AUX. STEAM	140	140	140	140	140	UPTAKE	290 295 300	295 300	300 300	300 300	297 297	295 300
	BACK PRESSURE	9	9	9	9	9	MAIN STEAM	725	720	725	720	715	720
	GLAND STEAM	2	2	2	2	2	SUPER HEAT	460	460	470	460	460	470
	H.P. BLEEDER	80	80	80	80	80	F.O. TO BURNERS	190	190	190	190	200	170
	I.P. BLEEDER	-	-	-	-	-	F.O. TEMP. IN P SETTLING TANKS S	102 100	96 94	98 94	98 96	96 98	98 96
TEMPERATURES	L.P. BLEEDER	9"	9	9	9"	9"	PORT BOILER UPTAKE	5.4	5.4	5.8	6	5.4	4.8
	STEAM AT THROTTLE	690	685	690	690	680	STBD. BOILER UPTAKE	6.2	5.8	6.4	6.2	5.6	6.8
	L.P. EXHAUST	120	120	118	118	121	ENGINE ROOM TEMPERATURE	101	100	100	100	99	101
	CONDENSATE	116	116	115	116	118	FIRE ROOM TEMPERATURE	101	100	100	100	99	101
	CIRC. WATER IN	89	92	90	90	90	NOZZLES IN USE	16	16	16	16	16	14
	CIRC. WATER OUT	100	102	100	100	102	NO. OF BURNERS IN USE	6	6	6	6	6	6
	L.O. TO COOLERS	126	128	124	126	124	BURNER TIP SIZE	53 70	53 70	53 70	53 70	53 70	53 70
	L.O. FROM COOLERS	110	110	109	110	109	CO2 % PORT BOILER	13	13.0		13.	12.0	
	TEMPERATURE THRUST BEARING	118	120	118	118	119	CO2 % STBD. BOILER	12.5	12.5		13.5	11.5	
	FORWARD H.P. ROTOR BEARING	130	140	132	132	130	OIL LEVEL MAIN SUMP	1'	9"	1'	1'	1'	10"

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	FUEL OIL	WATER	LUBE OIL	
1200 TO 1600	1	1200	445	690	9	125	115		62	750	750	METER AT NOON	15.840	ON HAND AT START OF DAY	58
1600 TO 2000	2	1200	445	690	7	130	134		72	750	750	METER PREVIOUS NOON	83.060	EVAPORATED OR RECEIVED	42
2000 TO 2400	1	1200	445	685	9	125	115		62	800	800	CONSUMED BY METER	32.880	ON HAND	82
2400 TO 0400	2	1200	445	685	7	152	134		70	800	800	ON HAND AT START OF DAY	18.324	CONSUMED	18
0400 TO 0800	1	1200	445	690	9	125	115		62	750	750	RECEIVED DURING DAY	-	ON HAND AT START OF DAY	5230
0800 TO 1200	2	1200	445	690	7	152	134		72	750	750	EXPENDED DURING DAY	780	RECEIVED	-
	1	1200	445	690	9	124	114		62	750	750	REMAINING ON BOARD	17.544	ON HAND	5225
	2	1200	445	690	7	152	134		72	750	750	ON HAND AT START OF DAY	1072	CONSUMED	5
	1	1200	445	680	9	124	114		62	800	800	EVAPORATED OR RECEIVED	132		
	2	1200	445	680	7	150	135		72	800	800	ON HAND	1004		
	1	1200	455	685	9	125	115		62	700	700	CONSUMED	198		
	2	1200	455	685	7	152	134		72	700	700	DOMESTIC WATER			
												LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gal.)			
												#1 #2 #3 #4	4hrs 4hrs 4hrs 4hrs		
												L.O. CENTRIFUGE - HOURS OPERATED			
												1200 TO 1600	1600 TO 2000	2000 TO 2400	0400 TO 0800
												4	4	4	1 1/2
															Sec
												SUMMARY			
												RUNNING TIME	1380	PERCENT OF SLIP	16.66
												DETENTION TIME	120	BBL FUEL/MI	1.60-1.92
												TOTAL REVOLUTIONS	130,350	WIND DIRECTION	200°-10 kts
												AVERAGE R.P.M.	94.4	STATE OF SEA	Smooth
												TOTAL MILES BY ENGINE	486	STATE OF WEATHER	Clear
												TOTAL MILES BY OBSERVATION	405	Az 88°	± 3 = 17.6

1200-1600 WATCH

WATCH ENGR'S SIGNATURE.

M. Fox

1600-2000 WATCH

F.O. *0.01*
F.W. *32*
MUF *08/15*
MU-U *7.0*
EVAP *4142*
GAL-D *7115*
00

WATCH ENGR'S SIGNATURE.

D. H. Bank

2000-2400 WATCH

F.O. out B'D
F.W.
MUF DB 15
MU-U 6.0
EVAP 1/2 79
GAL-D 12.700

WATCH ENGR'S SIGNATURE

R. P. Adams

2400-0400 WATCH

F.O. 1480
F.W. 32
MUF DB/18
MU-U 7.5
EVAP 7.5
GAL-D 99.0

WATCH ENGR'S SIGNATURE

B. Fox

0400-0500 WATCH

F.O. 2nd d
F.W. 23 d
MUF 2015
MU-U 7.0
EVAP 1-2
GAL-D 2-30

WATCH ENGR'S SIGNATURE

J. H. Burk

0800-1200 WATCH

~~F.O.~~
~~F.W.~~
~~MUF~~
~~MU-U~~
~~EVAP~~
~~CAL~~

WATCH ENGR'S SIGNATURE.

R. P. Adams

CHIEF ENGINEER

Decalculation Drill from 0926 to 0954 - man overboard Drill from 1022 to 1049 - Retention Time Two hours

De-acceleration tests. Approx 90 Rpm to Stop
Lead in the Water 3 min-21 Sec. Approx 800 yds

DATE 12-17

P. ALK 10107
E. ALK 10133

TALK 15.77
- 22

CHLO 7.87

~~PH. 4~~ 23

SO 3 25

10

111

WS. HRS. 4431

FS. HRS 1871

CHIEF ENGR'S SIGNATURE.

for C. H. Lawrence

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
Grand John Key 110		4C		Buckner Bay, P.I.		Vietnam		G-28-28-2		Aug 8-9, 1966			
		WATCH						WATCH					
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200	
RUNNING TIME		270		240		240		240		240		240	
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)		0685		0688		0690		0692		0694		0696	
TOTAL REVOLUTIONS (FOR WATCH)		21100		21210		20350		20270		20150		20020	
AVERAGE RPM		87.9		88.3		84.8		84.2		83.9		83.4	
F.O. METER (END OF WATCH)		8995		8998		9000		9002		9004		9007	
F.O. CONSUMED		2340		2460		2250		2250		2270		2330	
PRESSURES		THROTTLE		445		445		460		445		445	
		H.P. AHEAD		425		425		440		425		435	
		L.P. AHEAD		18.5		20.0		15.5		16		15	
		VACUUM		27		27		27.2		27		27.2	
		L.O. TO TURBINES		11		11		11		11		11	
		AUX. STEAM		140		140		140		140		140	
		BACK PRESSURE		9		9		9		9		9	
		GLAND STEAM		2		2		2		2		2	
		H.P. BLEEDER		80		80		80		80		80	
		L.P. BLEEDER		6		-		-		-		-	
TEMPERATURES		STEAM AT THROTTLE		670		685		675		680		690	
		L.P. EXHAUST		114		118		110		110		110	
		CONDENSATE		110		114		108		112		107	
		CIRC. WATER IN		90		90		88		88		84	
		CIRC. WATER OUT		100		100		96		96		95	
		L.O. TO COOLERS		124		124		124		122		124	
		L.O. FROM COOLERS		110		110		110		110		110	
		TEMPERATURE THRUST BEARING		118		119		117		118		118	
		FORWARD H.P. ROTOR BEARING		130		134		132		132		134	
		133											
MISCELLANEOUS		ENGINE ROOM TEMPERATURE		100		97		97		97		98	
		FIRE ROOM TEMPERATURE		100		97		97		97		98	
		NOZZLES IN USE		14		14		12		12		12	
		NO. OF BURNERS IN USE		6		6		6		6		6	
		BURNER TIP SIZE		53 70		53 70		53 70		53 70		53 70	
		CO2 % PORT BOILER		13		12.5		13.0		12		12.0	
		CO2 % STBD. BOILER		13		12.0		12.5		13		12.0	
		OIL LEVEL MAIN SUMP		10"		10"		10"		10"		10"	
		10"											
		10"											
MISCELLANEOUS		F.O. TO BURNERS		150		150		150		150		160	
		F.O. BACK PRESSURE		12		13		11		12		13	
		AIR TO FURNACE		144		144		143		142		144	
		UPTAKE		300		301		285		300		292	
		MAIN STEAM		715		715		705		715		705	
		SUPER HEAT		460		460		470		460		460	
		F.O. TO BURNERS		160		185		150		150		150	
		F.O. TEMP. IN SETTLING TANKS		93		94		94		92		96	
		PORT BOILER UPTAKE		4.2		5.2		4.		5.		4.2	
		STBD. BOILER UPTAKE		4.2		5.6		4.		4.1		4.4	
MISCELLANEOUS		F.O. TO BURNERS		160		185		150		150		150	
		F.O. TEMP. IN SETTLING TANKS		93		94		94		92		96	
		PORT BOILER UPTAKE		4.2		5.2		4.		5.		4.2	
		STBD. BOILER UPTAKE		4.2		5.6		4.		4.1		4.4	
		ENGINE ROOM TEMPERATURE		100		97		97		97		98	
		FIRE ROOM TEMPERATURE		100		97		97		97		98	
		NOZZLES IN USE		14		14		12		12		12	
		NO. OF BURNERS IN USE		6		6		6		6		6	
		BURNER TIP SIZE		53 70		53 70		53 70		53 70		53 70	
		CO2 % PORT BOILER		13		12.5		13.0		12		12.0	
MISCELLANEOUS		CO2 % STBD. BOILER		13		12.0		12.5		13		12.0	
		OIL LEVEL MAIN SUMP		10"		10"		10"		10"		10"	
		10"											
		10"											
		10"											
		10"											
		10"											
		10"											
		10"											
		10"											
MISCELLANEOUS		F.O. TO BURNERS		150		150		150		150		160	
		F.O. BACK PRESSURE		12		13		11		12		13	
		AIR TO FURNACE		144		144		143		142		144	
		UPTAKE		300		301		285		300		292	
		MAIN STEAM		715		715		705		715		705	
		SUPER HEAT		460		460		470		460		460	
		F.O. TO BURNERS		160		185		150		150		150	
		F.O. TEMP. IN SETTLING TANKS		93		94		94		92		96	
		PORT BOILER UPTAKE		4.2		5.2		4.		5.		4.2	
		STBD. BOILER UPTAKE		4.2		5.6		4.		4.1		4.4	
MISCELLANEOUS		F.O. TO BURNERS		160		185		150		150		150	
		F.O. TEMP. IN SETTLING TANKS		93		94		94		92		96	
		PORT BOILER UPTAKE		4.2		5.2		4.		5.		4.2	
		STBD. BOILER UPTAKE		4.2		5.6		4.		4.1		4.4	
		ENGINE ROOM TEMPERATURE		100		97		97		97		98	
		FIRE ROOM TEMPERATURE		100		97		97		97		98	
		NOZZLES IN USE		14		14		12		12		12	
		NO. OF BURNERS IN USE		6		6		6		6		6	
		BURNER TIP SIZE		53 70		53 70		53 70		53 70		53 70	
		CO2 % PORT BOILER		13		12.5		13.0		12		12.0	
MISCELLANEOUS		CO2 % STBD. BOILER		13		12.0		12.5		13		12.0	
		OIL LEVEL MAIN SUMP		10"		10"		10"		10"		10"	
		10"											
		10"											
		10"											
		10"											
		10"											
		10"											
		10"											
		10"											
MISCELLANEOUS		F.O. TO BURNERS		150		150		150		150		160	
		F.O. BACK PRESSURE		12		13		11		12		13	
		AIR TO FURNACE		144		144		143		142		144	
		UPTAKE		300		301		285		300		292	
		MAIN STEAM		715		715		705		715		705	
		SUPER HEAT		460		460		470		460		460	
		F.O. TO BURNERS		160		185		150		150		150	
		F.O. TEMP. IN SETTLING TANKS		93		94		94		92		96	
		PORT BOILER UPTAKE		4.2		5.2		4.		5.		4.2	
		STBD. BOILER UPTAKE		4.2		5.6		4.		4.1		4.4	
MISCELLANEOUS		F.O. TO BURNERS		160		185		150		150		150	
		F.O. TEMP. IN SETTLING TANKS		93		94		94		92		96	
		PORT BOILER UPTAKE		4.2		5.2		4.		5.		4.2	
		STBD. BOILER UPTAKE		4.2		5.6		4.		4.1		4.4	
		ENGINE ROOM TEMPERATURE		100		97		97		97		98	
		FIRE ROOM TEMPERATURE		100		97		97		97		98	
		NOZZLES IN USE		14		14		12		12		12	
		NO. OF BURNERS IN USE		6		6		6		6		6	
		BURNER TIP SIZE		53 70		53 70		53 70		53 70		53 70	
		CO2 % PORT BOILER		13		12.5		13.0		12		12.0	
MISCELLANEOUS		CO2 % STBD. BOILER		13		12.0		12.5		13		12.0	
		OIL LEVEL MAIN SUMP		10"		10"		10"		10"		10"	
		10"											
		10"											
		10"											
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		10"											
		10"											
		10"											
		10"											
MISCELLANEOUS		F.O. TO BURNERS		150		150		150		150		160	
		F.O. BACK PRESSURE		12		13		11		12		13	
		AIR TO FURNACE		144		144		143		142		144	
		UPTAKE		300		301		285		300		292	
		MAIN STEAM		715		715		705		715		705	
		SUPER HEAT		460		460		470		460		460	
		F.O. TO BURNERS		160		185		150		150		150	
		F.O. TEMP. IN SETTLING TANKS		93		94		94		92		96	
		PORT BOILER UPTAKE		4.2		5.2		4.		5.		4.2	
		STBD. BOILER UPTAKE		4.2		5.6		4.		4.1		4.4	
MISCELLANEOUS		F.O. TO BURNERS		160		185		150		150		150	
		F.O. TEMP. IN SETTLING TANKS		93		94		94		92		96	
		PORT BOILER UPTAKE		4.2		5.2		4.		5.		4.2	
		STBD. BOILER UPTAKE		4.2		5.6		4.		4.1		4.4	
		ENGINE ROOM TEMPERATURE		100		97		97		97		98	
		FIRE ROOM TEMPERATURE		100		97		97		97		98	
		NOZZLES IN USE		14		14		12		12		12	
		NO. OF BURNERS IN USE		6		6		6		6		6	
		BURNER TIP SIZE		53 70		53 70		53 70		53 70		53 70	
		CO2 % PORT BOILER		13		12.5		13.0		12		12.0	
MISCELLANEOUS		CO2 % STBD. BOILER		13		12.0		12.5		13		12.0	
		OIL LEVEL MAIN SUMP		10"		10"		10"		10"		10"	
		10"											
		10"											
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		10"											
		10"											
		10"											
MISCELLANEOUS		F.O. TO BURNERS		150		150		150		150		160	
		F.O. BACK PRESSURE		12		13		11		12		13	
		AIR TO FURNACE		144		144		143		142		144	
		UPTAKE		300		301		285		300		292	
		MAIN STEAM		715		715		705		715		705	
		SUPER HEAT		460		460		470		460		460	
		F.O. TO BURNERS		160		185		150		150		150	
		F.O. TEMP. IN SETTLING TANKS		93		94		94		92		96	
		PORT BOILER UPTAKE		4.2		5.2		4.		5.		4.2	
		STBD. BOILER UPTAKE		4.2		5.6		4.		4.1		4.4	
MISCELLANEOUS		F.O. TO BURNERS		160		185		150		150		150	
		F.O. TEMP. IN SETTLING TANKS		93		94		94		92		96	
		PORT BOILER UPTAKE		4.2		5.2		4.		5.		4.2	
		STBD. BOILER UPTAKE		4.2		5.6		4.		4.1		4.4	
		ENGINE ROOM TEMPERATURE		100		97		97		97		98	
		FIRE ROOM TEMPERATURE		100		97		97		97		98	
		NOZZLES IN USE		14		14		12		12		12	
		NO. OF BURNERS IN USE		6		6		6					

REMARKS

1200-1600 WATCH

Underway on 14 nozzles: Machinery in operation as of 7:00. Main Unit, B-1, B-2, G-1, G-2, H-1, MC-1, MC-2, A-P, AC-1, AE-R, E-1, E-2, D-1, D-2, P-1, P-2, F-1, F-2, C-1, L-1, S-1, A, CON-AC, C.P., A.C.E.F.O., 11.68, F.W.3, MUF 08/1, MU-U 7.5, EVAP 32, GAL-D 600

Changed & cleaned upper fuel oil burner - Secured A. CON-@ 1315 In Refine - Pumped Eng. Space Bilge - Blew Tube #1 & 2 Boiler 1540 - 1550

WATCH ENGR'S SIGNATURE-

M. P. R.

1600-2000 WATCH

Machinery as before, except: A.C. unit on @ 1430. added 4 gal L.O. to P-2 pump. Jr. Engr. checked out reported high steam pressure in trap galley @ 1740. Secured steam to steam chest position trap galley. changed and cleaned bottom burners. Pumped bilges. checked steering engine and pumped up reservoir. main condensate test: 4 S.P. Ls. Standby @ 1836 - guaging Value open. Jr. Engineer pumped up settlers from main center flk and no 315. Lt @ 1853 1/2. Smoking Valve closed. Site of no 1 Evap @ 1845

WATCH ENGR'S SIGNATURE-

J. H. Burk

2000-2400 WATCH

Underway on 14 nozzles - machinery as before - Reduce speed to 12 nozzles @ 2000 - checked steering gear - change & clean main L.O.S - change & clean G-1 L.O.S. - condensate .4 - made routine rounds & inspection of machinery -

WATCH ENGR'S SIGNATURE-

R. P. Adams

2400-0400 WATCH

Machinery as before except - changed & cleaned fuel oil suction strainer - Oiler Secured Ref. Temperature - Chl. Port #1 Boiler 24.03 S.P. #2 Boiler 22.37 S.P. Ls. Condensate .56 PG. Bottom of 15. 56 PG. - Make up fuel pump. on #1 Boiler @ 0100 - Pumped Eng. Space Bilge -

WATCH ENGR'S SIGNATURE-

M. P. R.

0400-0800 WATCH

Machinery as before, except. cleaned and change L.O. strainer on No. 2. condensate tested: 4 S.P. Ls. Boiler lined up to make up feed evap. - Pumped E.R. Bilges. checked steering engine and pumped up reservoir. Made routine rounds and inspections. Jr. Engr. pumped up settlers. #35 f.o. 7K M.T. suction on #3 C-P/Ls

WATCH ENGR'S SIGNATURE-

J. H. Burk

0800-1200 WATCH

Underway on 12 nozzles - machinery as before - make up fuel pump in operating on #1 Boiler - Blew tubes from 0810 to 0830 - tested fire alarm @ 0914 - changed & clean center burner - secured Engine room Bilge - checked steering gear - notice vapor coming from port side belly plug -

WATCH ENGR'S SIGNATURE-

R. P. Adams

CHIEF ENGINEER

Fire Drill S.B.F. @ 1516 Sec @ 1524; Boat Drill 1524 Sec @ 1532.5 on 7.

CHIEF ENGR'S SIGNATURE-

J. P. Holloman

2 BOILER 1

8.18 P. ALK 8.18
11.69 T. ALK 11.68
22.07 CHLO 24.03
20 PH. 4 26
25 SO. 3 20
16 PH 10
4614 WS. HRS. 4455
1968 FS. HRS. 1895

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE					
General John Pope 208-110		4C		Buckner Bay, R.I.		Vietnam		Patrol Ship		Aug. 9-10, 1966					
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			136	136	136	136		
DETENTION TIME							152			133	134	132	132		
REVOLUTION COUNTER (END OF WATCH)		0698 0860	0700 0180	0701 0910	0703 0911	0704 0910				132	135	131	131		
TOTAL REVOLUTIONS (FOR WATCH)		19910	19320	18730	19000	9190				160	160	148	148		
AVERAGE RPM		82.9	80.5	78.0	79.1	60.0				145	146	147	147		
F.O. METER (END OF WATCH)		9009 520	9061 940	9014 040	9016 080	9016 980	9008 320			118 114	115 114	114 114	114		105 104
F.O. CONSUMED		2378	2420	2100	2040	900	1340			158	158	154	152		150
								MACHINERY PARTICULARS (CONT'D)							
THROTTLE		445	445	450	445	445									
H.P. AHEAD		425	425	430	425										
L.P. AHEAD		15	15	10.5	11										
VACUUM		27"	27"	27	27"	27"	24.3								
L.O. TO TURBINES		11	10.5	10.2	10	10	9								
AUX. STEAM		140	140	140	140	140	140								
BACK PRESSURE		9	9	9	9	9	9								
GLAND STEAM		2	2	2	2	3	3								
H.P. BLEEDER		80	80	70	70	65	-								
I.P. BLEEDER		-	-	-	-	-	-								
L.P. BLEEDER		12"	12"	14	14"	-	-								
STEAM AT THROTTLE		685	685	665	665	670	-								
L.P. EXHAUST		110	112	107	106	102	158								
CONDENSATE		106	108	103	102	98	95								
CIRC. WATER IN		86	86	86	86	86	85								
CIRC. WATER OUT		96	95	94	94	91	86								
L.O. TO COOLERS		124	123	122	122	118	112								
L.O. FROM COOLERS		110	110	110	110	108	110								
TEMPERATURE THRUST BEARING		118	119	118	118	115									
FORWARD H.P. ROTOR BEARING		130	132	130	130	130									
								MACHINERY PARTICULARS (CONT'D)							

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	BOILER WATER	LUBE OIL		
1200 TO 1600	1	1200	445	685	9	114	125		62	750	750	240	METER AT NOON	64.950	ON HAND AT START OF DAY	101		
													METER PREVIOUS NOON	43.010	EVAPORATED OR RECEIVED	5		
	2	1200	445	685	7	148	134		72	750	750	240	CONSUMED BY METER	21.940	ON HAND	59		
													ON HAND AT START OF DAY	16.900	CONSUMED	42		
1600 TO 2000	1	1200	445	685	9	124	112		62	750	750	240	RECEIVED DURING DAY	-	ON HAND AT START OF DAY	5220		
													EXPENDED DURING DAY	522	RECEIVED	-		
	2	1200	445	685	7	151	136		72	750	750	240	REMAINING ON BOARD	16.378	ON HAND	5215		
													ON HAND AT START OF DAY	1078	CONSUMED	5		
2000 TO 2400	1	1200	450		9	122	112		62	750	750	240	DOMESTIC WATER	158				
													ON HAND	969				
	2	1200	450		7	150	134		72	700	700	240	CONSUMED	327				
2400 TO 0400	1	1200	445	665	9	122	112		62	700	700	240	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water used, gals.)					
													#1 1 1/2 hrs. #2 1 1/2 hrs. #3 1 1/2 hrs. #4 1 1/2 hrs. #5 1 1/2 hrs. #6 1 1/2 hrs. #7 1 1/2 hrs. #8 1 1/2 hrs. #9 1 1/2 hrs. #10 1 1/2 hrs. #11 1 1/2 hrs. #12 1 1/2 hrs. #13 1 1/2 hrs. #14 1 1/2 hrs. #15 1 1/2 hrs. #16 1 1/2 hrs. #17 1 1/2 hrs. #18 1 1/2 hrs. #19 1 1/2 hrs. #20 1 1/2 hrs. #21 1 1/2 hrs. #22 1 1/2 hrs. #23 1 1/2 hrs. #24 1 1/2 hrs. #25 1 1/2 hrs. #26 1 1/2 hrs. #27 1 1/2 hrs. #28 1 1/2 hrs. #29 1 1/2 hrs. #30 1 1/2 hrs. #31 1 1/2 hrs. #32 1 1/2 hrs. #33 1 1/2 hrs. #34 1 1/2 hrs. #35 1 1/2 hrs. #36 1 1/2 hrs. #37 1 1/2 hrs. #38 1 1/2 hrs. #39 1 1/2 hrs. #40 1 1/2 hrs. #41 1 1/2 hrs. #42 1 1/2 hrs. #43 1 1/2 hrs. #44 1 1/2 hrs. #45 1 1/2 hrs. #46 1 1/2 hrs. #47 1 1/2 hrs. #48 1 1/2 hrs. #49 1 1/2 hrs. #50 1 1/2 hrs. #51 1 1/2 hrs. #52 1 1/2 hrs. #53 1 1/2 hrs. #54 1 1/2 hrs. #55 1 1/2 hrs. #56 1 1/2 hrs. #57 1 1/2 hrs. #58 1 1/2 hrs. #59 1 1/2 hrs. #60 1 1/2 hrs. #61 1 1/2 hrs. #62 1 1/2 hrs. #63 1 1/2 hrs. #64 1 1/2 hrs. #65 1 1/2 hrs. #66 1 1/2 hrs. #67 1 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ARE-0612, S.CTR. 07065300, T-CTR - 0704 7100, R-7-04 6167590, S-7-00 2849420

REMARKS

1200-1600 WATCH

Underway on 14 nozzles - Machinery in operation of noon. Main unit, B-1, B-2, G-1, G-2, M-1, MC-2, ME-R, A-1, AC-1, AE-R, E-1, E-2, D-1, D-2, P-1, P-2, F-1, F-2, L-1, S-1, A.C.O.V., A.C.C.P., A.C.C.W. & H.U.F.E. changed & cleaned Upper Fuel oil burner - M.O.F.E. on #2 Boiler @ 1300 - Chloride Content: #1 Boiler 3.73 #2 Boiler 22.37 GPE. - Blow Tank #1 & #2 Boiler 1515-1530 - Pumped fog spray ridges -

F.O./N20
F.W. 3.5
MUF 38.15
MU-U 7.5
EVAP 14.2
GAL-D 11800

WATCH ENGR'S SIGNATURE-

M. Fox

1600-2000 WATCH

Underway on 12 nozzles. Machinery as before, except. Made routine rounds and inspections. Pumped engine room bilge. Condensate test. 4.84. Gr. Engr. filled settlers - No 3 center 1/5 M.T. No 4 center 1/5 line up. Cleaned #1 & #2 lube oil strainers. Checked steering engine. Pumped up reservoir. Oiler pumped holds 3-5, 3-P, 4-P, 4-5th, before - 4-P & 4-5. Cleaned and changed bottom runners.

F.O./N20
F.W. 3.5
MUF 38.15
MU-U 7.0
EVAP 14.2
GAL-D 12000

WATCH ENGR'S SIGNATURE-

S.H. Burk

2000-2400 WATCH

Underway on 12 nozzles - Reduce speed to 10 nozzles on the Black & 2005 - Blow down M.U.F. Exp - @ 2000 - pumped Bilge of No. 1-2-4 P's holds - pumped engine room bilge - Machinery operating as before - except pulled bottom runners - made routine rounds & inspection of machinery - passed into War zone @ 2243 - Water tight door will remain close while in area B.O.B. - Condensate .4

F.O./N20
F.W. 3.5
MUF 15
MU-U 3.8
EVAP 3.2
GAL-D 11800

WATCH ENGR'S SIGNATURE-

R.P. Adams

2400-0400 WATCH

Machinery as before, except: - changed & cleaned Fuel oil suction strainer - Oiler checked Refr. Temperature - Secured M. V. F. Exp. @ 0230 Chloride #1 Boiler 3.73 #2 Boiler 3.31 #3 Boiler 3.31 - Blow down Gauge Glass #1 & #2 Boilers - Pumped fog spray ridges - Reduced speed to 60 R.P.M. @ 0340 9/13 -

F.O./N20
F.W. 3.5
MUF 38.15
MU-U 3.8
EVAP 3.2
GAL-D 11800

WATCH ENGR'S SIGNATURE-

M. Fox

0400-0800 WATCH

Underway on 10 nozzles - 60 R.P.M. Machinery as before, except, added 4 1/2 gal l.o. to P-1. Gr. Engr. topped off settlers. 0507 increased to 70 R.P.M. B.O.B. 0652 - Reduce speed 60 R.P.M. B.O.B. Belts as per bell book.

F.O./N20
F.W. 3.5
MUF 38.15
MU-U 3.8
EVAP 3.2
GAL-D 11800

WATCH ENGR'S SIGNATURE-

S.H. Burk

0800-1200 WATCH

Answering Bells per Bell Book - F.W.E - @ 0801 - engaged jacking gun sec #1 Boiler @ 0815 - shut main & walkhead stops, Gen stops, Wat stops A.C stops & feed stop - open S.H.V. - sec 1st stage on main air ejector - changed over to high sea suction - 2704 feed pumps line up to port Boiler - sec steering engine @ 0943 - Condensate .4 made routine rounds & inspection of machinery - Power to 2, 3, 6, 7 @ 0900 -

F.O./N20
F.W. 3.5
MUF 38.15
MU-U 3.8
EVAP 3.2
GAL-D 11800

WATCH ENGR'S SIGNATURE-

R.P. Adams

CHIEF ENGINEER

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

2 BOILER /

9.34 P. ALK 7.57
15.18 T. ALK 12.85
3.31 CHLO 3.73
20 PH. 4 20
30 SO. 8 20
10.5 PH 10
468 WS. HRB. 4495
197 RS 1915

CHIEF ENGR'S SIGNATURE-

S. Halloran

F.W.E. - 0801 S. CTR - 07068390 T-CTR - 07050217 P-70M - 6167720 S-70M - 2849780

REMARKS

1200-1600 WATCH

At Anchor Qui Nhon, Vietnam: Machinery in operation as of noon:
 Main Unit Under Vacuum from 2nd Stage Air Exister only & on Jacking Gear, B-2,
 G-1, G-2, M-1, MC-2, ME-R, A-1, AC-1, AE-R, E-2, D-2, P-2, F-2, L-1, Changed & cleaned upper
 Fuel oil Burners - added Eacking #2 Fuel oil Saw. Pump - Replaced Steel Lower Burner
 Rejected #2 Boiler - Bilges @ Safe Level -

F.O., INBD
 F.W., 100
 MUF 08/15
 MU-U 7.1
 EVAP 1.5
 GAL-D 5200

WATCH ENGR'S SIGNATURE -

M. Fox

1600-2000 WATCH

At Anchor Qui Nhon, Vietnam: Machinery as before except.
 Jr. Eng. checked out call from main gallery of diesel oil, started in water. No oil
 settled on top of water in glass. Secured Condenser end 3-2. Water leak reported.
 Jr. Eng. unable to find marine Elco plug to go from engine fittings to drill.
 Pumped bilges. Made routine rounds and inspections - changed and cleaned
 lower burners. Kept water level in high glass on No 1 boiler. Jr. Eng. & Drilling and tapping
 floor plate held down secured.

F.O., INBD
 F.W., 100
 MUF 08/15
 MU-U 4.0
 EVAP 1.5
 GAL-D 5100

WATCH ENGR'S SIGNATURE -

J. H. Bank

2000-2400 WATCH

At anchor Qui Nhon Bay - machinery as before -
 pumped Engine room bilges - pumped No. 4 hold P.B. - changed &
 clean M.E.O.S & G-2 L.O.S. - Working cargo on 1 & 2 Deck - made
 routine rounds & inspection of machinery -

F.O., INBD
 F.W., 100
 MUF 08/15
 MU-U 2.1
 EVAP 1.5
 GAL-D 5100

Watchstander - Jr. Eng. Peckett - also Bolla - FWT Bisc.

WATCH ENGR'S SIGNATURE -

R. P. Adams

2400-0400 WATCH

Machinery as before, except: changed & cleaned Fuel oil Section
 Strainers - Vented #1 Boiler @ 0005 - Removed Float assembly from
 Mr. U. H. King - Removed Upper shut off lock, Lower Stage above #1 Boiler. Fuel Bomb Bucket split.
 Pumped Jr. Eng. Bilge - Jr. Eng. checked bleeding steam - No Electrician Reported Below -
 Loadmaster, 4th P.B. - Tricked cargo all water -
 Watchstander - Jr. Eng. Bennett - also Bolla, 2nd P.B. - Dodridge - Repr. King - Elect.

F.O., INBD
 F.W., 100
 MUF 08/15
 MU-U 1/3
 EVAP 1.5
 GAL-D 5200

WATCH ENGR'S SIGNATURE -

M. Fox

0400-0800 WATCH

Machinery as before, except pumped E.R. Bilges - made routine
 Port rounds and inspections. Jr. Eng. working on floor plate held
 down bolts. Checked lube alarm - see below. F.O. running casually.
 Chief, 1st Eng. and 2nd in O-Room. Steam pump kicked out
 also at 5.0 steam pressure.

F.O., INBD
 F.W., 100
 MUF 08/15
 MU-U 2.1
 EVAP 1.5
 GAL-D 5200

WATCH ENGR'S SIGNATURE -

J. H. Bank

0800-1200 WATCH

At anchor Qui Nhon - machinery as before - Also Tuba port
 Boiler - Tested fire alarm @ 0936 - pumped E.R. Bilges - F.O. 5704, pump
 line up to STBD Boiler - checked turning E.R. - Changed & clean P.F.O.S -
 Stop jacking gear while steam tube be repaired - @ 1125 - AUX circulating
 water to HFT Engine room open - food Air compressor supplying HFT E.R. -
 Made routine rounds & inspection of machinery -

F.O., INBD
 F.W., 100
 MUF 08/15
 MU-U 2.1
 EVAP 1.5
 GAL-D 5200

WATCH ENGR'S SIGNATURE -

R. P. Adams

CHIEF ENGINEER

@ 0030 Boller Manning said he was tired & worn out; wanted to know if the watch
 could do without him. Watch Eng. told him to leave the engine room & call another oiler. Oiler Bolla came
 below & stood 0000-0400 watch. Manning had admittedly been drinking. - M. Fox

✓ BOILER / 0430 - 0530 Tested lube oil alarm. Pressure gauge on board never dropped
 below 7 lbs. Steaming feeders alarm button cut off lube oil alarm. Steamly
 pump previously wound up and would put out 20" pressure only at
 pump. It did not refill gravity tank in 10 minutes. Pressure gauges
 need replaced or calibrated.

P. ALK
 T. ALK
 CHLO
 PH. 4
 SO. 3
 PH

4662 WS. IRS. 4472
 2016 PS. LRS. 1912

CHIEF ENGR'S SIGNATURE -

J. H. Bank

WATCH	GENERATORS											
	GENERATOR NUMBER	R. P. M.	STEAM PRESSURE	STEAM TEMP.	L. O. PRESSURE	L. O. TO COOLER	L. O. FROM COOLER	TEMP. OF HOTTEST BEARING	L. O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	445		9	122	110		62	600	600	240
	2	1200	445		7	146	134		72	600	600	240
1600 TO 2000	1	1200	445		9	125	115		62	600	600	240
	2	1200	445		7	148	134		70	600	600	240
2000 TO 2400	1	1200	450		9	123	114		62	550	550	240
	2	1200	450		7	148	134		70	550	550	240
2400 TO 0400	1	1200	445		9	120	111		62	500	500	240
	2	1200	445		7	146	134		72	500	500	240
0400 TO 0800	1	1200	445		9	122	112		62	550	550	240
	2	1200	445		7	146	132		72	550	550	240
0800 TO 1200	1	1200	450		9	122	112		62	550	550	240
	2	1200	450		7	146	132		70	600	600	240

FUEL - WATER AND LUBE OIL					
FUEL OIL	METER AT NOON	85.890	BOILER WATER	ON HAND AT START OF DAY	141
	METER PREVIOUS NOON	72.390		EVAPORATED OR RECEIVED	37
	CONSUMED BY METER	13.500		ON HAND	159
	ON HAND AT START OF DAY	16.200		CONSUMED	19
	RECEIVED DURING DAY	—		ON HAND AT START OF DAY	5210
DOMESTIC WATER	EXPENDED DURING DAY	321	LUBE OIL	RECEIVED	—
	REMAINING ON BOARD	15.879		ON HAND	5205
	ON HAND AT START OF DAY	845		CONSUMED	5
	EVAPORATED OR RECEIVED	72			
	ON HAND	864			
	CONSUMED	53			
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.) #2 4 hrs. #1 4 hrs. #2 4 hrs. #1 4 hrs.					
L.O. CENTRIFUGE - HOURS OPERATED					
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
		AC			AC
SUMMARY					
RUNNING TIME	690	PERCENT OF SLIP	5.70		
DETENTION TIME	✓	BBL FUEL/MI			
TOTAL REVOLUTIONS	5730	WIND DIRECTION			
AVERAGE R.P.M.	37.540	STATE OF SEA			
TOTAL MILES BY ENGINE	147	STATE OF WEATHER			
TOTAL MILES BY OBSERVATION	139		5-12-08		

S.B.E. 1828, S.CTR. 07068910, Tach. 0705045, P. from 6173290, S. from 2850790

REMARKS

1200-1600 WATCH

@ Anchorage, Qui Nhon, Vietnam: Machinery in operation as of noon. Main unit under vacuum for 2nd stage air hydr only. B-2, G-1, G-2, H-1, H-2, H-3, H-4, A-1, A-2, A-3, A-4, E-2, E-3, E-4, F-2, F-3, F-4, C-1, L-1, S-1, A-COW-A-C-C-P, A-C-C-W. - Main unit on jacking gear @ 1205 - Lubricated new shaft & gland in valve seat, top shut off, low blow #1 Bilge - Lit off #1 Bilge @ 1430 - Second Prod. air compressor @ 1435 - aft. Eng. Rm. supplying air through X-over - Bumped Eng. Spec Bilge - Blow down storage blow #1 & 2 Bilges - GAL 4700

WATCH ENGR'S SIGNATURE.

M. Fox

1600-2000 WATCH

Machinery as before, except. Put No. 1 boiler on line @ 1720. Wheel clearance @ 1730. Telegraph check @ 1743. Times check @ 1758. Pumped E. R. bilges. Routine rounds and inspection. Air supply & from Aft Engine room. Bells as per bell book. Tach. counter in operation. F.O. 1000, F.W. 310, MUF 08.4, MU-U 3.0, EVAP 15, GAL 5700

WATCH ENGR'S SIGNATURE.

S.H. Burke

2000-2400 WATCH

Underway at 70 RPM - machinery as before - see power to all winches & windlass through Chief electrician C 2005 - checked steering gear - condensate #1 - pumped bilges - changed & clean M.L.O.S. - changed & clean Gen L.O.S. #1 & 2 - made routine rounds & inspection of machinery - F.O. 1000, F.W. 310, MUF 15, MU-U 3.4, EVAP 35, GAL 5700

WATCH ENGR'S SIGNATURE.

H. P. Adams

2400-0400 WATCH

Machinery as before, except: - changed & cleaned Fuel oil Section Strainers - Reduced Speed to 60 R.P.M. @ 0010 3/4 - Refuse temperature taken by Oil Temp. Engine - Reduced Speed to 40 R.P.M. @ 0215 3/4 - Blowed Ball float inside M.V. F. F. & Buttoned up Eng. after cleaning float assembly - Lit off #1 Main air compressor @ 0245 with X-over open to aft. Eng. Rm. aft. compressor not operating properly - Condensate #1 - Bumped Eng. Spec Bilge - F.O. 1000, F.W. 310, MUF 15, MU-U 3.1, EVAP 35, GAL 4800

WATCH ENGR'S SIGNATURE.

M. Fox

0400-0800 WATCH

Machinery as before except: checked steering engine and pumped up reservoir. Made routine rounds and inspection. Jr. Engine pumped up inboard oiler from 4 & 4 1/2 PLS. arrival set for 0630. 0612 increase R.P.M. to 60 - B.O.B. Bells as per bell book. Main Bilge stops closed. main stops closed. jacking gear engaged. F.O. 1000, F.W. 310, MUF 08.15, MU-U 5.0, EVAP 35, GAL 5800

WATCH ENGR'S SIGNATURE.

S.H. Burke

0800-1200 WATCH

Anchored at Conakhar Bay - machinery as before - pumped engine room bilges - close over F.O. service pump to No. 1 see No. 2 while electrician worked on light socket - Welder working on fire ext. brackets - Jr. washed on F.O. Stby pump, repack steam & water end. - made routine rounds & inspection of machinery - F.O. 1000, F.W. 310, MUF 08.15, MU-U 2.3, EVAP 35, GAL 4700

WATCH ENGR'S SIGNATURE.

R. P. Adams

CHIEF ENGINEER

0400-0800 - A.R.R. @ 0630, S.C.T.R. 07110340, T.C.T.R. 07050245,
P.7.M. 6175630, S. 7.0M 2853040
7.W.E. 0740, S.C.T.R. 07112850, T.C.T.R. 07050245,
P. 7.0M 6175930, S. 7.0M 2853300

2 BOILER

8.76 P. ALK 5.84
12.85 T. ALK 8.18
2.07 CHLO 2.07
35 PH. 4 2.3
30 SO 2 2.0
10.5 PH 10.5
466 WS. HRS 4470
2040 FS. PHS 1915

Weekly test & check - app list completed by electrician 8-12-66
C 0900 - R.P.A.

CHIEF ENGR'S SIGNATURE.

J. P. Haller

Dept. 1900, S.C.T.R. 07070020, Tach 07050245, P.7.0M 6173380, S. 7.0M 2850910

		WATCH								WATCH						
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
RUNNING TIME																
DETENTION TIME																
REVOLUTION COUNTER (END OF WATCH)																
TOTAL REVOLUTIONS (FOR WATCH)																
AVERAGE RPM			7030													
F.O. METER (END OF WATCH)		9030 390	9030 820	9030 1490	9032 020	9032 540	9033 110			104 168	106 105	105 104	104 104	105 104	105 104	
F.O. CONSUMED		580	430	670	530	520	570									
MACHINERY PARTICULARS	PRESSURES	THROTTLE						MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING						
		H.P. AHEAD								FORWARD L. P. ROTOR BEARING						
		L.P. AHEAD								AFT. L.P. ROTOR BEARING						
		VACUUM	28"	28.2	28 1/2	28.4"	28.4			28.3	HOTTEST GEAR BEARING FORWARD					
		L.O. TO TURBINES	12	12		12	12			8.6	HOTTEST GEAR BEARING AFT					
		AUX. STEAM	140	140	145	140	140			140	AUX. COND. CONDENSATE					
		BACK PRESSURE	9	9	9	9	9			9	1ST STAGE FEED WATER HEATER					
		GLAND STEAM	2.5	3.0	3	3	3			3	D. C. FEED WATER HEATER					
		H.P. BLEEDER									3RD STAGE FEED WATER HEATER					
		L.P. BLEEDER														
MACHINERY PARTICULARS	TEMPERATURES	STEAM AT THROTTLE						BOILER PARTICULARS	PRESSURES	F.O. TO BURNERS						
		L.P. EXHAUST	145	136	130	125	140			128	F. O. BACK PRESSURE					
		CONDENSATE	88	90	88	86	88			87	AIR TO FURNACE					
		CIRC. WATER IN	85	84	85	88	85			85	UPTAKE					
		CIRC. WATER OUT	88	85	86	84	84			86	MAIN STEAM					
		L.O. TO COOLERS				104	104			106	SUPER HEAT					
		L.O. FROM COOLERS				102	102			104	F.O. TO BURNERS					
		TEMPERATURE THRUST BEARING									F.O. TEMP. IN SETTLING TANKS					
		FORWARD H.P. ROTOR BEARING									PORT BOILER UPTAKE					
											STBD. BOILER UPTAKE					
MACHINERY PARTICULARS	TEMPERATURES							MISCELLANEOUS		ENGINE ROOM TEMPERATURE						
										FIRE ROOM TEMPERATURE						
										NOZZLES IN USE						
										NO. OF BURNERS IN USE						
										BURNER TIP SIZE						
										CO ₂ % PORT BOILER						
										CO ₂ % STBD. BOILER						
										OIL LEVEL MAIN SUMP						

GENERATORS													FUEL - WATER AND LUBE OIL					
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	WATER	LUBE OIL			
1200 TO 1600	1	1200	446		9	122	110		62	580	580	240	METER AT NOON	91.750	ON HAND AT START OF DAY	159		
													METER PREVIOUS NOON	85.890	EVAPORATED OR RECEIVED	22		
	2	1200	445		7	146	134		72	581	581	240	CONSUMED BY METER	5860	ON HAND	161		
													ON HAND AT START OF DAY	15.819	CONSUMED	20		
1600 TO 2000	1	1200	445		9	120	110		62	560	560	240	RECEIVED DURING DAY	—	ON HAND AT START OF DAY	5205		
													EXPENDED DURING DAY	140	RECEIVED	—		
	2	1200	445		7	148	134		72	500	500	240	REMAINING ON BOARD	15.739	ON HAND	5200		
													ON HAND AT START OF DAY	864	CONSUMED	5		
2000 TO 2400	1	1200	445		9	121	111		62	500	500	240	DOMESTIC WATER					
													EVAPORATED OR RECEIVED	90				
	2	1200	445		7	147	133		72	500	500	240	ON HAND	886				
													CONSUMED	68				
2400 TO 0400	1	1200	445		9	122	110		62	500	500	240	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)					
													#2 4hrs.	#2 4hrs.	#2 4hrs.	#2 4hrs.		
	2	1200	445		7	146	134		72	580	580	240	L.O. CENTRIFUGE - HOURS OPERATED					
													1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
0400 TO 0800	1	1200	445		9	120	110		62	500	500	240	See			35	2	
													SUMMARY					
	2	1200	445		7	146	134		72	500	500	240	RUNNING TIME		PERCENT OF SLIP			
													DETENTION TIME		BBL FUEL/MI			
0800 TO 1200	1	1200	450		9	123	113		62	500	500	240	TOTAL REVOLUTIONS		WIND DIRECTION			
													AVERAGE R.P.M.		STATE OF SEA			
	2	1200	450		7	148	135		72	550	550	240	TOTAL MILES BY ENGINE		STATE OF WEATHER			
													TOTAL MILES BY OBSERVATION					

1200-1600 WATCH

1600-2000 WATCH

Mr. Fox

01
F.O. 2/1/60
F.W.
MUF 28-15
MU-U 3.0
EVAP 3.2
GAL 1.5
D 54.0

2000-2400 WATCH

J. H. Burk

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

2400-0400 WATCH

R. P. Adams

F.O./NSD.
F.W. 3
MUF 28/15
MU-U 4.2
EVAP 12.3 P.
CAL-D
5210

400-0800 WATCH

M. R.

F.O. Subunit
F.W. 3-P
MUF 28-15
MU-U 3.0
EVAP 2
GAL-D 3-5
5408

800-1200 WATCH

S. H. Burk

F.O. in box
F.W. 58
MU 18
MU-U 2.7
EVAP 38
AL-D 5000

101

GA

~~BOILER~~ /

DATE 9/10

P. ALK 8.78

~~TALK 11/10~~

CHLO 2.49

PH. 4 30

CO. 3 25

FD 145

PH 10.5

S. HRS. 440

S. HRS 10

175

CHIEF ENGR'S SIGNATURE.

\$D 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	1	1700	445		9	120	110		62	500	500	140	METER AT NOON	15.310	ON HAND AT START OF DAY	161		
													METER PREVIOUS NOON	91.750	EVAPORATED OR RECEIVED	-		
													CONSUMED BY METER	23.560	ON HAND	129		
													ON HAND AT START OF DAY	15.739	CONSUMED	32		
													RECEIVED DURING DAY	-	ON HAND AT START OF DAY	5200		
													EXPENDED DURING DAY	560	RECEIVED	-		
													REMAINING ON BOARD	15.179	ON HAND	5195		
1600 TO 2000	1	1200	445		9	120	112		62	500	500	240	ON HAND AT START OF DAY	886	CONSUMED	5		
													EVAPORATED OR RECEIVED	109				
													ON HAND	861				
													CONSUMED	134				
2000 TO 2400	1	1200	455	680	9	122	112		62	600	600	240	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.) #2 4 hrs. #3 4 hrs. #4 4 hrs. #5 4 hrs.					
	2	1200	455	680	7	148	134		72	600	600	240	L.O. CENTRIFUGE - HOURS OPERATED					
													1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400		
													0400 TO 0800	0800 TO 1200				
2400 TO 0400	1	1700	445	680	9	120	110		62	550	550	140	800 800 800 800 800 800 800 800					
													SUMMARY					
													RUNNING TIME	888	PERCENT OF SLIP	8.87		
													DETENTION TIME	✓	BBL FUEL/MI			
													TOTAL REVOLUTIONS	79,600	WIND DIRECTION	225°-20kts		
													AVERAGE R.P.M.	89.8	STATE OF SEA	5'		
													TOTAL MILES BY ENGINE	299	STATE OF WEATHER	B. Cont - 850		
													TOTAL MILES BY OBSERVATION	273		S = 18.84		
0400 TO 0800	2	1200	445	680	7	147	134		71	650	650	240						
0800 TO 1200	1	1200	445	680	9	124	114		62	650	650	240						
	2	1200	445	680	7	150	136		72	650	650	240						

STBY 1954 - Sctr - 07113790 TOTR - 07050245 P-FOM - 6179600 S-FOM - 2855690

1200-1600 WATCH

F.W.
MUF 21.1P
MU-U
EVAP 23
CAL 3000

1600-2000 WATCH

WATCH ENGR'S SIGNATURE.

2000-2400 WATCH

WATCH ENGR'S SIGNATURE

2400-0400 WATCH

F.O. 1225
F.W. 225
MUF 221P
MU-U 7.5
EVAP 7.5
GAL-D 7.5

0400-0800 WATCH

WATCH ENGR'S SIGNATURE

0800-1200 WATCH

WATCH ENGR'S SIGNATURE

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE.

~~2-BOILER-1~~

9.34 P. ALK 8.76
15.18 T. ALK 12.85
3.73 CHLO 2.90
40 PH. 4 40
36 SO. 3 25
10.5 PH 10.5
4734 WS. HRS. 4520
2088 FS. HRS. 1964

CHIEF ENGR'S SIGNATURE.

DIST-2112- SCTn-07116370 T-CTR-07050245 P-Fm-6179920 S-Fm-2855970

USNS *John P. Rab-110* VOYAGE NO. *4 F* FROM *Cape San Blas, Panama* TO *San Francisco, Ca.* TYPE OF VESSEL *28-2R-2* DATE *Aug 14-15, 1966*

		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	✓✓0	220	240	MACHINERY PARTICULARS (CONT'D) TEMPERATURES (CONT'D)		AFT. H. P. ROTOR BEARING		146	141	142	142	141	141		
DETENTION TIME										FORWARD L. P. ROTOR BEARING		138	137	138	138	138	138	138	
REVOLUTION COUNTER (END OF WATCH)		0721 9940	0724 2530	0726 3120	0728 3750	0730 4410	0732 6830			AFT. L. P. ROTOR BEARING		136	135	135	136	135	135	135	
TOTAL REVOLUTIONS (FOR WATCH)		12470	22590	20590	✓0630	20660	22420			HOTTEST GEAR BEARING FORWARD		164	165	165	165	165	165	165	
AVERAGE RPM		93.6	94.1	93.6	93.7	93.9	93.4			HOTTEST GEAR BEARING AFT		150	150	152	152	152	152	152	
F.O. METER (END OF WATCH)		9048 040	9050 730	9053 150	9055 550	9057 990	9060 680			AUX. COND. CONDENSATE		107 112	110 110	110 110	108 112	115 112	110 110	110	
F.O. CONSUMED		7640	2660	2420	✓400	2440	2690			1ST STAGE FEED WATER HEATER		164	165	164	164	165	166	166	
MACHINERY PARTICULARS		THROTTLE		445	445	450	445			445	450	D. C. FEED WATER HEATER		240	240	238	238	240	238
		H.P. AHEAD		425	425	430	425			425	430	3RD STAGE FEED WATER HEATER							
		L.P. AHEAD		25	25	25	25			25	25.5	BOILER PARTICULARS		F.O. TO BURNERS		150	150	155	150
		VACUUM		27"	27.2	27.3	✓27.3"	27.3"	27.2	F. O. BACK PRESSURE				12	12	11	12	12	11
		L.O. TO TURBINES		11	11	11	11	11	11	AIR TO FURNACE				146	147	146	146	148	146
		AUX. STEAM		140	140	140	140	140	140	UPTAKE P S				290 295	290 290	295 298	300 305	315 310	295 295
		BACK PRESSURE		9	9	9	9	9	9	MAIN STEAM				710	710	710	710	710	710
		GLAND STEAM		✓	2	2	✓	2	2	SUPER HEAT				460	460	470	460	460	470
		H.P. BLEEDER		80	80	80	80	80	80	F.O. TO BURNERS				190	190	180	180	195	200
		I.P. BLEEDER		6	6	6	6	6	6	F.O. TEMP. IN P SETTLING TANKS S				96 90	90 90	92 90	92 92	90 90	92 92
L.P. BLEEDER		9"	8"	8	8"	8"	8	PORT BOILER UPTAKE		4.6	5.6			5.2	5.6	6.2	5.4		
TEMPERATURES		STEAM AT THROTTLE		675	675	675	680	680	675	STBD. BOILER UPTAKE				5.6	5.4	5.8	6.4	6.2	6.0
		L.P. EXHAUST		115	115	116	115	116	117	ENGINE ROOM TEMPERATURE		102	99	99	99	99	100		
		CONDENSATE		112	112	113	112	114	115	FIRE ROOM TEMPERATURE		102	99	99	99	99	100		
		CIRC. WATER IN		86	85	85	85	87	87	NOZZLES IN USE		16	16	16	16	16	16		
		CIRC. WATER OUT		98	96	98	98	98	98	NO. OF BURNERS IN USE		6	6	6	6	6	6		
		L.O. TO COOLERS		120	125	125	126	126	125	BURNER TIP SIZE		53 70	53 70	53 70	53 70	53 70	53 70		
		L.O. FROM COOLERS		110	110	110	110	110	110	CO ₂ % PORT BOILER		13	12.0	12.5	13	11.5	12		
		TEMPERATURE THRUST BEARING		120	120	120	120	120	120	CO ₂ % STBD. BOILER		13.5	12.5	13.0	12.5	12.0	12		
		FORWARD H.P. ROTOR BEARING		128	130	130	130	130	130	OIL LEVEL MAIN SUMP		1'	1'	1'	1'	1'	1'		

WATCH	GENERATORS											
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	1	1200	445	675	9	124	112		62	650	650	240
	2	1200	445	675	7	148	136		72	650	650	240
1600 TO 2000	1	1200	445	675	9	124	112		62	650	650	240
	2	1200	445	675	7	148	136		72	650	650	240
2000 TO 2400	1	1200	450	675	9	124	114		62	650	650	240
	2	1200	450	675	7	150	136		72	700	700	240
2400 TO 0400	1	1200	445	680	9	124	114		62	700	700	240
	2	1200	445	680	7	150	136		72	700	700	240
0400 TO 0800	1	1200	445		9	124	112		62	650	650	240
	2	1200	445		7	148	135		72	650	650	240
0800 TO 1200	1	1200	450	675	9	125	115		62	650	650	240
	2	1200	450	675	7	150	136		72	650	650	240

FUEL - WATER AND LUBE OIL					
FUEL OIL	METER AT NOON	46.830	ON HAND AT START OF DAY	129	
	METER PREVIOUS NOON	15.310	EVAPORATED OR RECEIVED	0	
	CONSUMED BY METER	31.520	ON HAND	78	
	ON HAND AT START OF DAY	15.179	CONSUMED	51	
	RECEIVED DURING DAY	—	ON HAND AT START OF DAY	5195	
	EXPENDED DURING DAY	750	RECEIVED	—	
DOMESTIC WATER	REMAINING ON BOARD	14.429	ON HAND	5190	
	ON HAND AT START OF DAY	861	CONSUMED	6	
	EVAPORATED OR RECEIVED	108			
	ON HAND	866			
	CONSUMED	103			
LOW PRESS. EVAPORATOR (No. of hrs. operated) (Fresh water made, gal.)					
#2 4hrs.	#2 4hrs.	#2 4hrs.	#2 4hrs.		
L.O. CENTRIFUGE - HOURS OPERATED					
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
	acc.	acc.		2hrs	4
SUMMARY					
RUNNING TIME	1380	PERCENT OF SLIP	9.87		
DETENTION TIME	✓	BBL FUEL/MI	1.57-1.74		
TOTAL REVOLUTIONS	127,530	WIND DIRECTION	230°-20kts		
AVERAGE R.P.M.	92.4	STATE OF SEA	230°-8'		
TOTAL MILES BY ENGINE	476	STATE OF WEATHER	Cloudy-		
TOTAL MILES BY OBSERVATION	429	AZ 86° -	S=18.65kts		

Ⓢ Tach. ctr. Q 1940 ~ 07110230

REMARKS

1200-1600 WATCH

1200-1600 WATCH
Underway on 16 Nozzles - Machining in operation as of 1200: Main Unit, B-1, B-2, G-1, G-2, M-1, ~~ME-1~~ ^{ME-2}, ME-R, A-1, AC-1, AE-R, E-1, D-1, B-2, P-1, P-2, F-1, F-2, C-1, L-1, S-1, A. CON - A.C.C.P., A.C.C.W. - Changed & cleaned Upper Fuel Oil Burners - Cleaned Boiler Bariscopes - Changed to 12000 Settles @ 1315 - Drained F.O. IN RD. Fuel oil from 4 1/2 to outboard Settles Dr. Jigs. checked steering engine - Screw Fuel Water Pump. K. 100-100 MUE 100/100 @ 1400 - Condensate. 9 A.B.S. - Finnan cleaning on Station - Permission ^{for} ~~to~~ ^{to} blow Boiler tube - Pumped Jigs. from Bilges - MU-U 1/5 EVAP 1/2 GAL-T

WATCH ENGR'S SIGNATURE.

1600-2000 WATCH

1600-2000 WATCH

machinery as before, except. Permission granted to blow tubes @ 1545. I moved blowing tubes @ 1605. Made routine rounds and inspections - Pumped E.L. bilges. Jr. Engr. checked steering engine and pumped reservoir. Jr. Engr. pumped settlers. Cleaned L.O. strainers on 2-1 & 2-2. Tocht. back in service.

P.O. 2nd
F.W. 3 &
MUF DB-1P
MU-U 10

WATCH ENGR'S SIGNATURE

2000-2400 WATCH

Underway on 16 midgets - machinery as before - C & C Main
L.O. Strainer - C & C G-2 L.O. Strainer - pumped NO. 4 hold $\frac{1}{5}$ -
pumped Engine Bilge - checked steering gear - advance clock
20 min - C 2300 - Condensate $\frac{1}{4}$ - made routine rounds &
inspection of machinery -

F.O. 1460
F.W. 30
MUR 10
MU-U 4.2
EVAP EP

WATCH ENGR'S SIGNATURE

2400-0400 WATCH

2400-0400 WATCH
Machinery as Before, Except: changed & cleaned Fuel oil Injection Strainers - Set Clock ahead 10 Minutes @ 0700 - Jv. Engr. checked Steering Engine - Oil & Record Ref. Temperatures - Condensate, 4 M.P.H. - Pumped Eng. Injection Belge -

WATCH ENGR'S SIGNATURE

0400-0800 WATCH

0400-0800 WATCH Machinery as before exact: Put pumpfire back in service, adjusted
hose. Pumped gutters. Jr. Eng. checked steering engine after pump
up reserve. Pumped engine room bilges. Cleaned and
changed bottom burner. Condensate Test, 4 S.P.G.

P.O. 4400
F.W. 3-2
MUF 08-10

WATCH ENGR'S SIGNATURE

0800.1200 WATCH

0800-1200 WATCH

Working on the nozzle-machinery as before - Blew tubes from 0805 to 0825 - Test fire alarm - C0811 - Changed & clean water pump - changed & clean P. F. O. strainer - checked steering gear - pumped engine room bilges - Condensate. 1/1 made routine rounds & inspection of machinery -

P.O. INB'D
F.W. 3C
MUP 1/1
MU-U 4.1
EVAP 2.2
CAT 2.1

WATCH ENGR'S SIGNATURE.

CHIEF ENGINEER

CHIEF ENGINEER		Conduct Eng. Casualty Drill - Ruptured fire main (selected section) E-4 - Four men present - 2115 - 2145 - Notify Bridge Conducted Engine Casualty Drill "E-4" 0200-0220 4 men present Notified Bridge and
BOILER	1	Conducted Engine Casualty Drill E-4 - Ruptured fire main (selected section) 4 men present.
DATE	8.18	

CHIEF ENGR'S SIGNATURE.

UNNS General John Pope 0001-110 VOYAGE NO. 4 F FROM Camp Bonh Bay, Viet Nam TO San Francisco, Ca. TYPE OF VESSEL BR-26-2 DATE Aug. 15-16, 1966

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		L.O. CENTRIFUGE - HOURS OPERATED							
1200 TO 1600	1	1800	445	670	9	124	112		62	750	750	140	METER AT NOON	78.210	BOILER WATER	ON HAND AT START OF DAY	78	METER PREVIOUS NOON	46.830	LUBE OIL	EVAPORATED OR RECEIVED	37		
	2	1800	445	670	7	148	136		72	750	750	140	CONSUMED BY METER	31.380		ON HAND	64	ON HAND AT START OF DAY	14.429		CONSUMED	51		
1600 TO 2000	1	1200	445	660	9	124	114		62	650	650	240	RECEIVED DURING DAY			ON HAND AT START OF DAY	51.90	EXPENDED DURING DAY	747		RECEIVED	-		
	2	1200	445	660	9	150	138		72	650	650	240	REMAINING ON BOARD	136.82		ON HAND	51.25	CONSUMED	5					
2000 TO 2400	1	1200	455	675	9	124	115		62	650	650	240	ON HAND AT START OF DAY	866				ON HAND	889					
	2	1200	455	675	7	150	138		70	650	650	240	EVAPORATED OR RECEIVED	71				CONSUMED	48					
2400 TO 0400	1	1800	445	670	9	124	114		62	650	650	240	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gal.)											
	2	1800	445	670	7	148	136		72	650	650	240	4hrs. 4hrs. 4hrs. 4hrs. 4hrs. 4hrs.											
0400 TO 0800	1	1200	445	685	9	124	114		62	600	600	240	SUMMARY											
	2	1200	445	685	7	148	136		72	600	600	240	RUNNING TIME		1440	PERCENT OF SLIP		10.9						
0800 TO 1200	1	1200	450	675	9	126	117		62	800	800	240	DETENTION TIME		✓	BBL FUEL/MI		1.56-1.76						
	2	1200	450	675	7	152	137		70	800	800	240	TOTAL REVOLUTIONS		127,820	WIND DIRECTION		225°-20 kt						
	1	1200	450	675	9	126	117		62	800	800	240	AVERAGE R.P.M.		88.76	STATE OF SEA		225°-8'						
	2	1200	450	675	7	152	137		70	800	800	240	TOTAL MILES BY ENGINE		476	STATE OF WEATHER		Cloudy						
	1	1200	450	675	9	126	117		62	800	800	240	TOTAL MILES BY OBSERVATION		424	S=17.66		= 88°						

REMARKS

1200-1600 WATCH

Underway on 16 Nozzles: Machinery in Operation of No. 1 Main Unit, B-1, B-2, G-1, G-2, M-1, HC-2, A-1, AC-1, AE-R, E-1, D-1, D-2, P-1, P-2, F-1, F-2, C-1, L-1, S-1, A.C.W.-A.C.F.P. A.C.C.W. - changed & cleaned upper fuel oil burners - Jr. Engr. Screwed down Filter Plates - Single Plant by securing
 aft. air filter, aft. circ. pump cooling passages Jr. Engr. Checked Steering Engine - Pumped
 Eng. Speed Bilge - Condensate - 4 H.P. - Blue Tank 1539-1546 -

F.O. INBD.
 F.W.
 MUF 08/15
 MU-U 8.6
 EVAP #2-2P
 GAL-D 4500

WATCH ENGR'S SIGNATURE-

M. Fox

1600-2000 WATCH

Machinery as before, except: Jr. Engr. pumped up settling Jr. Engr. checked steering engine and pumped up pressure. Pumped for moderate sand and ingested. Pumped C.R. bilge. Cleaned and changed 7 O. - Inboard
 bottom burners. Condensate tested 4 H.P. Fuel section on 2. W #3-S
 5 P/S & - MUF 08/15
 MU-U 5.0
 EVAP #2-2P
 GAL-D 4500

WATCH ENGR'S SIGNATURE-

S.H. Bush

GAL-D. 5500

2000-2400 WATCH

Underway on 16 nozzles - machinery as before - change & clean m.e. strainer - pumped NO #1 P/S up P/S - pump engine bilge - checked steering gear - change & clean P.F.O. strainer - made routine sand & inspection of machinery -

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

WATCH ENGR'S SIGNATURE-

R.P. Adams

2400-0400 WATCH

Machinery as before, except: changed & cleaned fuel oil suction strainer - Jr. Engr. Screwing down Filter Plates - Ailer Checked Ref. Temperature - Speed Fuel Burner Side Rods - Pumped Eng. Speed Bilge - Condensate - 4 H.P. H. Jr. Engr. Checked Steering Engine - Condensate tested 4 H.P. H.

F.O. INBD.
 F.W. 3P
 MUF DB/15
 MU-U 8.6
 EVAP #2-2P
 GAL-D 4000

WATCH ENGR'S SIGNATURE-

M. Fox

0400-0800 WATCH

Machinery as before, except: changed cleaned fuel discharge strainer. Stbd side: changed and cleaned main O. strainer. changed cleaned bottom burners. Jr. Engr. pumped up settling from 5 P/S & Jr. Engr. checked steering engine and pumped pressure. Pumped C.R. bilge.

F.O. Inboard
 F.W. 3P
 MUF 28/15
 MU-U 5.0
 EVAP #2-2P
 GAL-D 5300

WATCH ENGR'S SIGNATURE-

J.H. Bush

0800-1200 WATCH

Underway on 16 nozzles - machinery as before - Blue Tank 0810 - 0825 - slow down to 35 RPM to maintain steam pressure C 0905 - took load from aft engine room C 0908 - see A.C. unit C 0910 - F.W. pump on line C 0930 to 1115 - started fire alarm C 1012 - up #1-2-4 generators in parallel - Condensate - 4 - back up to 16 nozzles C 1135 - pump C.R. Bilge - made routine sand & inspection of machinery -

F.O. inboard
 F.W. 3P
 MUF 15
 MU-U 8
 EVAP #2-2P
 GAL-D 5000

WATCH ENGR'S SIGNATURE-

R.P. Adams

CHIEF ENGINEER

Fire Drill S.B.E. @ 1515 - Second @ 1525 Boat Drill @ 1525 4th @ 1531 mtd. Held casualty drill E-5: High salinity in the boiler feed water. Yom men present - from 2200 - 2230 - R.P.A. Bridge notified -

✓ BOILER 1

Held Engine Casualty Drill "E-5" 0700-0720 4 men present Bridge notified
 Held Engine Casualty Drill E-5 - 0530 - 0600. 4 men present. Bridge notified

9.93 P. ALK 8.18
 15.77 T. ALK 11.68
 4.97 CHLO 2.90
 40 PH. 4 35
 30 SO. 3 30
 10.5 PH 10.5
 4781 WS. HR 4568
 2136 FS. 2012

CHIEF ENGR'S SIGNATURE-

J.H. Bush

USNS *General John Pope* *110* VOYAGE NO. *4F* FROM *Cam Ranh Bay, Vietnam* TO *San Francisco, Calif.* TYPE OF VESSEL *AS-R* DATE *Aug. 16-17, 1966*

							1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200						
RUNNING TIME							✓40	240	240	✓40	240	240						
DETENTION TIME																		
REVOLUTION COUNTER (END OF WATCH)							0748 1160	0750 1160	0752 5810	0754 8380	0757 0810	0759 3150						
TOTAL REVOLUTIONS (FOR WATCH)							22170	22390	24650	22570	22430	22340						
AVERAGE RPM							92.3	93.3	102.	94.	93.4	93.1						
F.O. METER (END OF WATCH)							9079 060	9081 740	9084 410	9087 050	9089 730	9092 380						
F.O. CONSUMED							2590	2680	2670	✓640	2680	2650						
MACHINERY PARTICULARS	PRESSURES	THROTTLE	445	445	455	445	445	450	MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING		141	140	140	140	140	140
		H.P. AHEAD	425	425	430	425	425	430			FORWARD L. P. ROTOR BEARING		135	135	135	136	135	137
		L.P. AHEAD	25	25	26	25	24.5	25			AFT. L.P. ROTOR BEARING		134	135	135	134	135	135
		VACUUM	27"	27.2"	27	27"	27"	27			HOTTEST GEAR BEARING FORWARD		162	162	164	164	164	165
		L.O. TO TURBINES	11	11	11	12	11	13			HOTTEST GEAR BEARING AFT		147	148	150	150	150	150
		AUX. STEAM	140	140	140	140	140	140			AUX. COND. CONDENSATE		123 120	120 118	116/116	118 116	118 116	115/116
		BACK PRESSURE	9	9	9	9	9	9			1ST STAGE FEED WATER HEATER		164	165	164	164	164	164
		GLAND STEAM	2	2	2	2	2	2			D. C. FEED WATER HEATER		240	240	240	238	240	240
		H.P. BLEEDER	80	80	80	80	80	80			3RD STAGE FEED WATER HEATER							
		I.P. BLEEDER	6	6	6	6	6	6			BOILER PARTICULARS	TEMPERATURES	F.O. TO BURNERS		150	150	155	150
L.P. BLEEDER	8"	8"	8	8"	9'	9	F. O. BACK PRESSURE		12	12			10	12	12	13		
STEAM AT THROTTLE	680	680	680	675	685	690	AIR TO FURNACE		146	146			144	145	143	143		
L.P. EXHAUST	117	120	124	118	117	118	UPTAKE P _S		220 310	305 300			300/300	295 310	300 305	290 290		
CONDENSATE	112	116	114	114	115	115	MAIN STEAM		710	720			710	710	715	725		
CIRC. WATER IN	89	90	88	87	89	88	SUPER HEAT		460	460			475	460	460	470		
CIRC. WATER OUT	98	100	98	100	100	100	F.O. TO BURNERS		190	200			180	180	200	210		
L.O. TO COOLERS	126	125	126	126	126	126	F.O. TEMP. IN P _S SETTLING TANKS		94 98	96 94			98/90	98 94	92 92	91/90		
L.O. FROM COOLERS	110	110	110	110	109	110	PORT BOILER UPTAKE		5.4	5.4			5.2	5	5.0	4.8		
TEMPERATURE THRUST BEARING	120	120	118	120	120	118	STBD. BOILER UPTAKE		6.2	5.8			6.4	6	6.2	6.5		
FORWARD H.P. ROTOR BEARING	126	125	126	126	125	127	MISCELLANEOUS	ENGINE ROOM TEMPERATURE		98	99	97	98	96	100			
								FIRE ROOM TEMPERATURE		98	99	97	98	96	100			
								NOZZLES IN USE		16	16	14	16	16	16			
								NO. OF BURNERS IN USE		6	6	6	6	6	6			
								BURNER TIP SIZE		53/70	53/70	53/70	53/70	53/70	53/70			
								CO ₂ % PORT BOILER		13	12.0		13	13	12.			
								CO ₂ % STBD. BOILER		13	12.5		13	12.5	12.			
								OIL LEVEL MAIN SUMP		1'	1'	1'	1'		1'			

REMARKS

1200-1600 WATCH

Underway on 16 Nozzles: - Machinery in Op. as of Norm: Main Unit, B-1, B-2, G-1, G-2, M-1, MC-2, A-1, AC-1, AE-R, E-1, D-1, D-2, P-1, P-2, F-1, F-2, C-1, L-1, S-1, - Changed & Cleaned Upper Fuel Oil Burner - Set off A. Cow - @ 1330 - Condensate: 4 H.P. - J. Eng. Checked Steering Engine, Pumped Bilge - Fuel was 1" for F.O. (NEB) - Empty - Pumped Eng. Spun Bilge - Blow Tube #1, #2 - 1520 - 1535 -

F.W. 15
MUF 15
MU-U 6.4
EVAP 15
GAL-D 1800

WATCH ENGR'S SIGNATURE - M. Fox

1600-2000 WATCH

Machinery as before, except. J. Eng. checked steering engine, pumped reservoir. J. Eng. pumped settlers - 5 P/S outboard. Pumped E.K. Bilge. Made routine rounds and inspections. Cleaned L.O. Strainers on B-1 and F.O. Outboard. J. 2. J. Eng. working on hold down screws for deck plates. Condensate test: 4 H.P. -

F.W. 3-P
MUF 15
MU-U 2.0
EVAP 15
GAL-D 1800

WATCH ENGR'S SIGNATURE - S.H. Burk

2000-2400 WATCH

Underway on 16 nozzles - machinery as before - sec #2 Cross Prime pump C 2054 back on line C 2120 - clean & change G-2 L.O. strainer - change & clean center Burners - change & clean P.F.O. strainer - took section from #1 port fuel tank by vacuum drag & standing feed pump - checked steering gear - Condensate: 4 - made routine rounds & inspection of machinery -

F.O. Outboard
F.W. 38
MUF 15
MU-U 2.0
EVAP 15
GAL-D 4000

WATCH ENGR'S SIGNATURE - R.P. Adams

2400-0400 WATCH

Machinery as before, except: changed & cleaned Fuel Oil Section Strainers - J. Eng. Drained Lower Alon Plates - Oiler Recycled Refr. Temperatures - J. Eng. Checked Steering Engine - Spun Fuel Pump Side Rods - changed to Seboard Settler @ 0115 - transferred Fuel Oil from 5 P/S Outboard to Outboard Settler - Added 2 Mts. Fuel Oil to #1 Fuel Pump - Pumped Eng. Spun Bilge - Ventilation Out in Bulk Head @ 0330 - J. Eng. checked out & made for Belmont - called out Chief Electrician -

F.O. INBD
F.W. 15
MUF 15
MU-U 1.5
EVAP 15
GAL-D 5000

WATCH ENGR'S SIGNATURE - M. Fox

0400-0800 WATCH

Machinery as before, except. Ventilation repairs to boiler shop completed by Brooks, electrician. Six gallons of l.o. added to P-2. No 5 P/S Fuel Oil Tank dried up. J. Eng. checked steering engine - pumped up reservoir. J. Eng. pumped up settlers and worked on deck plates. Made routine rounds and inspections, pumped E.K. Bilge. Secured 5-P fuel oil suction. Condensate test: 4 H.P. -

F.O. Inboard
F.W. 3-P
MUF 15
MU-U 6.0
EVAP 15
GAL-D 5200

WATCH ENGR'S SIGNATURE - S.H. Burk

0800-1200 WATCH

Underway on 16 nozzles - machinery as before - Blow tubes from 0802 to 0820 five pulls on each Blower - open water tight doors C0805 Utility room working on #1 port TK & make up fuel system - checked steering gear - pump engine Bilge - Condensate: 4 - made routine rounds & inspection of machinery -

F.O. Inboard
F.W. 3-P
MUF 15
MU-U 11.
EVAP 15
GAL-D 5000

WATCH ENGR'S SIGNATURE - R.P. Adams

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE - J. P. Haller

2 BOILER 1

9.93 P. ALK 8.18
15.77 T. ALK 11.10
4.56 CHLO 2.90
40 PH. 4 35
26 SO. 8 28
10.5 PH 10.5
4806 WS. HPC 4092
2160 PH 2036

USNS *Yankee* *YAG-110* VOYAGE NO. *4F* FROM *San Francisco Bay* TO *San Francisco, Ca.* TYPE OF VESSEL *B-2* DATE *Aug. 17-18, 1966*

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	24	240	220	✓✓0	220	240	AFT. H. P. ROTOR BEARING	138	140	137	137	138	137
DETENTION TIME							FORWARD L. P. ROTOR BEARING	136	135	132	131	133	132
REVOLUTION COUNTER (END OF WATCH)	0761 5680	0763 8210	0765 7570	0767 8320	0769 8440	0772 1320	AFT. L. P. ROTOR BEARING	134	134	130	131	130	130
TOTAL REVOLUTIONS (FOR WATCH)	22530	22530	19360	20750	20620	22380	HOTTEST GEAR BEARING FORWARD	162	162	155	158	155	155
AVERAGE RPM	93.8	93.8	88.0	94.3	93.7	93.2	HOTTEST GEAR BEARING AFT	150	148	147	154	147	147
F.O. METER (END OF WATCH)	9095 040	9097 820	9100 210	9102 660	9105 100	9107 750	AUX. COND. CONDENSATE	120 118	120 118	115 116	120 114	115 113	110 112
F.O. CONSUMED	✓660	2780	2290	2450	2440	2650	1ST STAGE FEED WATER HEATER	164	165	164	164	164	164
PRESSURES	THROTTLE	445	445	450	445	445	D. C. FEED WATER HEATER	238	240	240	238	240	238
	H.P. AHEAD	425	425	430	425	425	3RD STAGE FEED WATER HEATER						
	L.P. AHEAD	25	26	25	25	25	F.O. TO BURNERS	150	150	150	150	150	155
	VACUUM	27"	27"	26.7	✓6.7"	26.7	F. O. BACK PRESSURE	12	12	11	✓12	12	12
	L.O. TO TURBINES	13	12	18	✓12	12	AIR TO FURNACE	146	147	144	146	145	143
	AUX. STEAM	140	140	140	140	140	UPTAKE	290 300	295 295	210 325	315 320	315 320	290 285
	BACK PRESSURE	9	9	9	9	9	MAIN STEAM	720	705	735	730	720	720
	GLAND STEAM	2	2	2	✓2	2	SUPER HEAT	460	460	475	460	460	475
	H.P. BLEEDER	80	80	80	80	80	F.O. TO BURNERS	180	205	190	185	200	195
	I.P. BLEEDER	6	6	6	6	6	F.O. TEMP. IN SETTLING TANKS	94 96	96 94	94 90	96 94	95 92	94 92
TEMPERATURES	L.P. BLEEDER	9"	9"	9	9"	9"	PORT BOILER UPTAKE	5	4.8	6.0	6.4	6.2	5.4
	STEAM AT THROTTLE	685	670	690	690	690	STBD. BOILER UPTAKE	6.4	6.0	6.8	7.	6.4	6.0
	L.P. EXHAUST	118	118	117	115	115	ENGINE ROOM TEMPERATURE	100	99	98	96	96	96
	CONDENSATE	114	115	112	111	112	FIRE ROOM TEMPERATURE	100	99	98	96	96	96
	CIRC. WATER IN	89	89	87	85	85	NOZZLES IN USE	16	16	16	16	16	16
	CIRC. WATER OUT	100	100	100	97	97	NO. OF BURNERS IN USE	6	6	6	6	6	6
	L.O. TO COOLERS	127	126	126	127	128	BURNER TIP SIZE	53 70	53 70	53 70	53 70	53 70	53 70
	L.O. FROM COOLERS	110	110	110	110	110	CO ₂ % PORT BOILER	13	12.5	14.5	14.5	12.5	12.5
	TEMPERATURE THRUST BEARING	120	120	120	118	118	CO ₂ % STBD. BOILER	12.5	13.0	12	12	12.0	12.5
	FORWARD H.P. ROTOR BEARING	126	125	122	124	124	OIL LEVEL MAIN SUMP	1'	1'	1'	1'	1'	1'

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	1	1200	445	685	9	122	112		62	700	700	240	METER AT NOON	42.880	ON HAND AT START OF DAY	65	EVAPORATED OR RECEIVED	23
	2	1200	445	685	7	148	136		72	700	700	240	METER PREVIOUS NOON	10.940	ON HAND	55	CONSUMED	33
1600 TO 2000	1	1200	445	670	9	125	115		62	650	650	240	CONSUMED BY METER	31.940	ON HAND AT START OF DAY	12.903	ON HAND AT START OF DAY	3180
	2	1200	445	670	7	148	136		72	650	650	240	ON HAND AT START OF DAY	12.903	RECEIVED	—	RECEIVED	—
2000 TO 2400	1	1200	450	690	9	123	113		62	650	650	240	EXPENDED DURING DAY	760	ON HAND	5175	CONSUMED	5
	2	1200	450	690	7	150	136		72	650	650	240	REMAINING ON BOARD	12.143	ON HAND AT START OF DAY	863	ON HAND	5
2400 TO 0400	1	1200	445	690	9	120	112		62	650	650	240	ON HAND AT START OF DAY	863	EVAPORATED OR RECEIVED	167		
	2	1200	445	690	7	146	134		72	650	650	240	ON HAND	950				
0400 TO 0800	1	1200	445	680	9	120	112		62	650	650	240	CONSUMED	80				
	2	1200	445	680	7	146	134		72	650	650	240						
0800 TO 1200	1	1200	445	680	9	122	112		62	650	650	240						
	2	1200	445	680	7	142	130		72	650	650	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	4	4	4

SUMMARY			
RUNNING TIME	1380	PERCENT OF SLIP	13.50
DETENTION TIME	✓	BBL FUEL/MI	1.40-1.8
TOTAL REVOLUTIONS	127230	WIND DIRECTION	210°-201
AVERAGE R.P.M.	92.2	STATE OF SEA	210°-5-
TOTAL MILES BY ENGINE	474	STATE OF WEATHER	0-Cast
TOTAL MILES BY OBSERVATION	410	Temp 83°	5-17.82

REMARKS

1200-1600 WATCH

Underway on 16 nozzles: Machinery in operation as of 2001. Main unit, B-1, B-2, G-1, G-2, H-1, H-2, DE-R, E-1, D-1, P-1, P-2, F-1, F-2, C-1, L-1, LC-1, S-1, A. CON-A.K.C.P., A.C.C.W. - changed & cleaned Fuel oil upper burner - Utility man working on water meter & make-up line - added 2 1/2 Gal. Lube oil #1 Main Fuel Burn - Blew tubes #1 & #2 Boilers 1515-1530 - Pumped fog spray Bilges - Lit off #1 L. A. fog @ 1415

F.O. 1.25
F.W. 3.5
MUF 1.5
MU-U 7.5
EVAP 1.5
GAL-D 32

WATCH ENGR'S SIGNATURE-

M. Fox

1600-2000 WATCH

Machinery as before, except. Made routine sound and inspection. Pumped up settlers from no. 6 & deep tanks, nos 1 & 5 inboard - m. Pumped E.R. Bilges. Checked steering engine and filled reservoir. Condensate tested. & D. P. H. closing & water tight door cut welding cable into. Jr. Eng. unplugged cable from welding machine.

F.O. 1.25
F.W. 3.5
MUF 1.5
MU-U 6.0
EVAP 1.5
GAL-D 32

WATCH ENGR'S SIGNATURE-

Stephen H. Knick

2000-2400 WATCH

Underway on 16 nozzles - machinery as before - lowered port super heater safety valve two flats by day 2nd. Chief present - steering gear val by fr. found excessive oil & water on deck and in Bilges - Rudder being port has abnormal seepage of packing gland - C & C center burners - C & C M.L.O. Strainer & G-1 - made routine sound & inspection -

F.O. 1.25
F.W. 3.5
MUF 1.5
MU-U 6.0
EVAP 1.5
GAL-D 32

WATCH ENGR'S SIGNATURE-

R.P. Adami

2400-0400 WATCH

Machinery as before, except: - changed & cleaned Fuel oil Section Strainer - Greased Feed Pump Side Rods - Set clock ahead 20 minutes @ 0051 - Jr. Eng. secured Down Flon Plates - Oiler Secured Refr. Temperature Jr. Eng. checked steering engine - Pumped fog spray Bilges -

F.O. 1.25
F.W. 3.5
MUF 1.5
MU-U 6.4
EVAP 1.5
GAL-D 950

WATCH ENGR'S SIGNATURE-

B. Fox

0400-0800 WATCH

Machinery as before, except: changed and cleaned F.W. Discharge Strainer & bilges. checked steering engine. pumped settlers. Pumped E.R. Bilges. made routine sounds and inspection. Jr. Eng. working on hold down bolts for floor plates. No. 1 Evap secured @ 0645. Fuel oil transfer pump needs to be worked on or adjusted.

F.O. 1.25
F.W. 3.5
MUF 1.5
MU-U 5.0
EVAP 1.5
GAL-D 400

WATCH ENGR'S SIGNATURE-

A. H. Brink

0800-1200 WATCH

Underway on 16 nozzles - machinery as before - Blew tubes from 0805 - 0820 - Reeper working on scuttle - Built - Day 2nd & Utility man working on make up fuel system - checked steering gear - installed thermometer in port super heater & lube oil inlet & outlet on G-2 - pumps engine Bilges - made routine sounds & inspection of machinery -

F.O. 1.25
F.W. 3.5
MUF 1.5
MU-U 7.0
EVAP 1.5
GAL-D 700

WATCH ENGR'S SIGNATURE-

R.P. Adami

CHIEF ENGINEER

Casualty Drill - Tripped out main Engine by low lube oil pressure to governor screen man present @ 2020 to 2040 notified Bridge - R.P.A.

Weekly Test & check-off test completed by electrician 8-17-66 R.P.A.

2 BOILER 1

10.51 P. ALK 8.18
15.18 T. ALK 11.16
4.97 CHLO 2.90
40 PH. 4 35
30 SO. 8 25
10.5 PH 10.5

4836 WS. HRS. 4616
2184 FS. HRS. 2066

CHIEF ENGR'S SIGNATURE-

L. O'Halloran

		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	MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING	132	138	138	136	135	135	
DETENTION TIME										FORWARD L. P. ROTOR BEARING	131	133	134	134	132	134	
REVOLUTION COUNTER (END OF WATCH)		0774 3930	0776 6280	0778 8770	0781 1000	0783 3450	0785 5690			AFT. L. P. ROTOR BEARING	130	130	130	130	130	130	130
TOTAL REVOLUTIONS (FOR WATCH)		22610	22350	22490	22230	22350	22240			HOTTEST GEAR BEARING FORWARD	154	155	155	155	155	155	155
AVERAGE RPM		94.2	93.1	93.7	92.6	93.1	92.7			HOTTEST GEAR BEARING AFT	145	147	147	146	146	147	
F.O. METER (END OF WATCH)		9110 440	9113 110	9115 280	9118 410	921 880	9123 660			AUX. COND. CONDENSATE	118 112	118 114	119 112	115 112	114 110	113 110	
F.O. CONSUMED		2690	2670	2670	2630	2670	2580			1ST STAGE FEED WATER HEATER	162	165	164	160	162	164	
MACHINERY PARTICULARS	THROTTLE	445	445	450	445	445	450	BOILER PARTICULARS	TEMPERATURES	D. C. FEED WATER HEATER	238	240	238	238	240	238	
	H.P. AHEAD	425	425	430	425	425	430			3RD STAGE FEED WATER HEATER							
	L.P. AHEAD	25	25	25	25	25	25			F.O. TO BURNERS	150	150	155	150	150	160	
	VACUUM	27"	27"	27	27"	27.1	27			F. O. BACK PRESSURE	12	12	11	12	12	11	
	L.O. TO TURBINES	12	12	12	12	12	12			AIR TO FURNACE	143	142	142	144	142	138	
	AUX. STEAM	140	135	140	140	140	140			UPTAKE	300 290	245 280	300 290	305 295	315 305	290 290	
	BACK PRESSURE	9	9	9	9	9	9			MAIN STEAM	720	710	715	710	710	725	
	GLAND STEAM	2	2	2	2	2	2			SUPER HEAT	460	460	475	460	460	470	
	H.P. BLEEDER	80	80	80	80	80	90			F.O. TO BURNERS	185	195	180	185	190	200	
	I.P. BLEEDER	6	6	6	6	6	—			F.O. TEMP. IN SETTLING TANKS	98 94	98 94	96 90	98 92	95 94	94 90	
L.P. BLEEDER	9"	9"	9	9"	9"	9	PORT BOILER UPTAKE	6	5.2	5.0	5	5.4	5.4				
MACHINERY PARTICULARS	STEAM AT THROTTLE	685	675	675	675	670	690	MISCELLANEOUS	TEMPERATURES	STBD. BOILER UPTAKE	6.6	5.4	5.8	6	6.5		
	L.P. EXHAUST	115	115	116	115	113	117			ENGINE ROOM TEMPERATURE	99	98	97	97	96	98	
	CONDENSATE	111	113	112	110	110	112			FIRE ROOM TEMPERATURE	99	98	97	97	96	98	
	CIRC. WATER IN	85	85	86	85	84	84			NOZZLES IN USE	16	16	16	16	16	16	
	CIRC. WATER OUT	97	98	98	97	95	96			NO. OF BURNERS IN USE	6	6	6	6	6	6	
	L.O. TO COOLERS	128	128	128	128	128	128			BURNER TIP SIZE	53 70	53 70	53 70	53 70	53 70	53 70	
	L.O. FROM COOLERS	110	110	110	110	110	110			CO ₂ % PORT BOILER	13	13	12.5	13	13		
	TEMPERATURE THRUST BEARING	118	119	118	118	117	118			CO ₂ % STBD. BOILER	12.5	12.5	12.5	12.5	12.5		
	FORWARD H.P. ROTOR BEARING	123	125	125	126	124	125			OIL LEVEL MAIN SUMP	1'	1'	1'	1'	1'	1'	

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	1	1800	445	685	9	171	111		62	650	650	240	METER AT NOON	75.770	ON HAND AT START OF DAY	55		
													METER PREVIOUS NOON	42.880	EVAPORATED OR RECEIVED	68		
	2	1800	445	685	7	142	138		72	650	650	240	CONSUMED BY METER	32.890	ON HAND	75		
													ON HAND AT START OF DAY	12.143	CONSUMED	48		
1600 TO 2000	1	1200	445	675	9	123	112		62	650	650	240	RECEIVED DURING DAY	-	ON HAND AT START OF DAY	5175		
													EXPENDED DURING DAY	783	RECEIVED	-		
	2	1200	445	675	7	144	130		72	650	650	240	REMAINING ON BOARD	11.360	ON HAND	5770		
													ON HAND AT START OF DAY	950	CONSUMED	5		
2000 TO 2400	1	1200	450	675	9	122	112		62	600	600	240	EVAPORATED OR RECEIVED	160				
													ON HAND	1063				
	2	1200	450	675	7	142	130		72	650	650	240	CONSUMED	47				
2400 TO 0400	1	1800	445	675	9	120	110		62	650	650	240	DOMESTIC WATER					
													LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)					
	2	1800	445	675	7	142	130		72	650	650	240	1st 4hrs.	4hrs.	1st 4hrs.	4hrs.	2nd 4hrs.	4hrs.
0400 TO 0800	1	1200	445	670	9	120	110		62	600	600	240	L.O. CENTRIFUGE - HOURS OPERATED					
													1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
	2	1200	445	675	7	142	130		72	650	650	240	4	4	4	4	1 1/2	OK
													SUMMARY					
0800 TO 1200	1	1200	445	670	9	120	110		62	600	600	240	RUNNING TIME	1440	PERCENT OF SLIP	16.12		
													DETENTION TIME	✓	BBL FUEL/MI	1.57-1.88		
	2	1200	445	670	7	142	128		72	600	600	240	TOTAL REVOLUTIONS	132,940	WIND DIRECTION	110°-18 kts		
													AVERAGE R.P.M.	92.3	STATE OF SEA	110°- 4 ft		
	1	1200	450	690	9	121	111		62	650	650	240	TOTAL MILES BY ENGINE	496	STATE OF WEATHER	Clear		
													TOTAL MILES BY OBSERVATION	516	Temp 81°	S=17.33		
	2	1200	450	690	7	142	128		72	650	650	240						

REMARKS

1200-1600 WATCH

Underway on 16 Nozzles: Machinery in operation as of noon: Main Unit, B-1, B-2, G-1, G-2, M-1, M-2, AE-R, E-1, P-1, P-2, F-1, F-2, C-1, L-1, LC-1, S-1, A.C.W. - A.C.P., A.C.O.W. - Slips Force starting on make-up Fuel System & Fuel Oil Transfer Pump - changed to outboard settler @ 1210 -
 Change & clean upper Fuel oil Burner - Transfer Fuel Oil from 5% E to Inboard settler -
 Blew out #1 & #2 Boiler 1515-1530 - Pumped Eng. Space Bilges -

F.O. OUTSP.
 F.W. 3.0
 MUF 13.1
 MU-U 13.1
 EVAP 13.1
 GAL-D 13.1

WATCH ENGR'S SIGNATURE-

M. Fox

1600-2000 WATCH

Machinery as before, except: J. Eng. checked steering engine room made routine rounds and inspections. Cleaned M.L.O. strainer and changed buoyed settler from No. 6 P/S DB. Cleaned out changed bottom burner. F.O. OUTSP. 3.0
 J. Eng. working on hold down bolts to floor plates. 1755 - Steel bracket blew out on bonnet of valve to air ejector. Notified 1st Eng. Ch. and 1st Eng. in engine room 1800 - 1815. Condensate test. 4 S.P.H.

F.W. 3.0
 MUF 13.1
 MU-U 13.1
 EVAP 13.1
 GAL-D 13.1

WATCH ENGR'S SIGNATURE-

J.H. Buck

2000-2400 WATCH

Underway on 16 nozzles - machinery as before - changed & clean center Burner - changed & clean M.L.O. strainer - checked steering gear snugged up on packing gland to saddle king post. Applied oil & water absorbent material on deck - pumped Engine Bilges -
 Change & clean L.O. strainer on B-2 - made routine rounds & inspection of machinery -
 Condensate. 4

F.O. OUTSP.
 F.W. 3.0
 MUF 13.1
 MU-U 13.1
 EVAP 13.1
 GAL-D 13.1

WATCH ENGR'S SIGNATURE-

R.P. Adams

2400-0400 WATCH

Machinery as before, except: Changed & cleaned Fuel oil Suction Strainer - J. Eng. screening Power Room Floor Plates - cleaned Fuel Pump, side Rods & Ramps - J. Eng. checked Steering Engine - Airlock Record Refer. Temperature - Electric Brake Regard Supply Vent to Prop. Flat, Back on @ 0300 - Pumped Eng. Space Bilges -

F.O. OUTSP.
 F.W. 3.0
 MUF 13.1
 MU-U 13.1
 EVAP 13.1
 GAL-D 13.1

WATCH ENGR'S SIGNATURE-

M. Fox

0400-0800 WATCH

Machinery as before, except: changed to inboard settler @ 0430. Cleaned L.O. purifier and put back in service. Made routine rounds and inspections. Checked steering engine - pumped up reservoir. Pumped E.B. bilges. J. Eng. worked on floor plate screws. Lost seal @ 0710. Purifier secured

F.O. OUTSP.
 F.W. 3.0
 MUF 13.1
 MU-U 13.1
 EVAP 13.1
 GAL-D 13.1

WATCH ENGR'S SIGNATURE-

J.H. Buck

0800-1200 WATCH

Underway on 16 nozzles - machinery as before - tested fire alarm @ 0810 1/2. Blew tubes from 0805 to 0820 - standby @ 0901 - NBC Drill @ 0902 - standby @ 0928 - see #1 Eng. @ 0924 - At 0930 taking 150" steam from AER. station & steam to main air ejector through Comp flat - shut wet stops on P/S Boilers see 450" station to replace root valve to M. Air ejector 150" station & root valve gasket to standby fuel pump. NO. 1 F.O.P. Working aid bradley Tackle gland - back on manual operation at 1140

F.O. OUTSP.
 F.W. 3.0
 MUF 13.1
 MU-U 13.1
 EVAP 13.1
 GAL-D 13.1

WATCH ENGR'S SIGNATURE-

R.P. Adams

CHIEF ENGINEER

NBC Drill from 0902 to 0928 - F.P.C.

CHIEF ENGR'S SIGNATURE-

J. O. Halloran

BOILER

0000

P. ALK 7.59

T. ALK 10.57

CHLO 2.90

PH. 4 40

SO. 3 28

PH. 10.5

WS. HRS. 4640

FS. HRS. 2084

USNS General John Pope TAB-116 VOYAGE NO. 4F FROM Cam Ranh Bay, Vietnam TO San Francisco, California TYPE OF VESSEL R22-232 DATE Aug. 19-20, 1966

							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																																
RUNNING TIME							✓40	240	240	✓40	240	240	MACHINERY PARTICULARS (CONT'D)							AFT. H. P. ROTOR BEARING							135	136	136	136	135	136
DETENTION TIME																				FORWARD L. P. ROTOR BEARING							131	134	133	131	132	134
REVOLUTION COUNTER (END OF WATCH)							0787 8020	0790 0450	0792 2750	0794 5130	0796 7410	0798 9910								AFT. L. P. ROTOR BEARING							130	130	130	130	130	130
TOTAL REVOLUTIONS (FOR WATCH)							21330	22430	22300	21380	12270	22500								HOTTEST GEAR BEARING FORWARD							155	155	155	155	155	155
AVERAGE RPM							93	93.4	92.9	93.2	92.8	93.8	HOTTEST GEAR BEARING AFT							146	148	147	146	147	147							
F. O. METER (END OF WATCH)							9126 300	9128 980	9131 620	9134 250	9136 900	9139 580	AUX. COND. CONDENSATE							116 112	118 112	108/108	115 112	113 110	110/110							
F. O. CONSUMED							✓640	2650	2640	✓630	2650	2680	1ST STAGE FEED WATER HEATER							162	162	164	162	162	164							
													D. C. FEED WATER HEATER							238	240	238	238	240	240							
													3RD STAGE FEED WATER HEATER																			
PRESSURES																																
THROTTLE							445	445	450	445	445	450	BOILER PARTICULARS							F. O. TO BURNERS							150	150	155	150	150	160
H. P. AHEAD							425	425	430	425	425	425								F. O. BACK PRESSURE							12	12	12	12	12	10
L. P. AHEAD							24	24.5	24	24	24	24								AIR TO FURNACE							142	143	140	140	138	139
VACUUM							27"	27"	27	27"	27.3	27								UPTAKE P ₅							295 285	290 275	295 285	295 305	300 310	290 290
L. O. TO TURBINES							12	12	12	12	12	12	PRESSURES							MAIN STEAM							720	720	710	715	720	720
AUX. STEAM							140	140	140	140	140	140								SUPER HEAT							460	460	470	460	460	470
BACK PRESSURE							9	9	9	9	9	9								F. O. TO BURNERS							185	185	170	180	180	180
GLAND STEAM							2	2	2	2	2	2								F. O. TEMP. IN P SETTLING TANKS S							94 96	90 90	94 92	94 92	90 92	92 90
H. P. BLEEDER							80	80	80	80	80	80	TEMPERATURES							PORT BOILER UPTAKE							5.4	5.0	5.0	5	5.0	5.2
I. P. BLEEDER							6	6	6	6	6	6								STBD. BOILER UPTAKE							6.6	5.0	5.4	5.8	6.2	5.8
L. P. BLEEDER							9"	9"	9	9"	9"	9								ENGINE ROOM TEMPERATURE							97	96	97	96	96	97
STEAM AT THROTTLE							690	680	675	680	680	680								FIRE ROOM TEMPERATURE							97	96	97	96	96	97
MISCELLANEOUS																																
L. P. EXHAUST							114	115	115	113	112	115	NOZZLES IN USE							16	16	16	16	16	16							
CONDENSATE							112	110	110	108	110	110	NO. OF BURNERS IN USE							6	6	6	6	6	6							
CIRC. WATER IN							84	85	84	84	84	84	BURNER TIP SIZE							53 70	53 70	53 70	53 70	53 70	53 70							
CIRC. WATER OUT							94	94	94	95	94	94	CO ₂ % PORT BOILER							13	12.5	12.5	13	12.5	12							
L. O. TO COOLERS							128	130	128	128	128	128	CO ₂ % STBD. BOILER							12.5	11.5	12.5	12.5	12.5	12							
L. O. FROM COOLERS							110	110	110	110	110	110	OIL LEVEL MAIN SUMP							1'	1'	1'	1'	1'	1'							
TEMPERATURE THRUST BEARING							118	119	119	118	119	118																				
FORWARD H. P. ROTOR BEARING							124	125	125	124	124	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		L.O. CENTRIFUGE - HOURS OPERATED		SUMMARY	
1200 TO 1600	1	1200	445	690	9	120	110		62	700	700	240	METER AT NOON	08.250	ON HAND AT START OF DAY	7.5	ON HAND AT START OF DAY	7.5		
	2	1200	445	690	7	142	120		72	700	700	240	METER PREVIOUS NOON	75.770	EVAPORATED OR RECEIVED	3.5	ON HAND	6.4		
1600 TO 2000	1	1200	445	680	9	120	110		62	600	600	200	CONSUMED BY METER	32.486	ON HAND	6.4	ON HAND AT START OF DAY	5.770		
	2	1200	445	680	7	142	129		70	600	600	240	ON HAND AT START OF DAY	11.360	CONSUMED	4.6	RECEIVED			
2000 TO 2400	1	1200	450	675	9	121	111		62	650	650	240	RECEIVED DURING DAY		ON HAND AT START OF DAY	5.770	RECEIVED			
	2	1200	450	675	7	142	130		72	600	600	240	EXPENDED DURING DAY	773	ON HAND	5.765	CONSUMED	5		
2400 TO 0400	1	1200	445	680	9	120	110		62	600	650	240	REMAINING ON BOARD	10.587	ON HAND	5.765				
	2	1200	445	680	7	142	130		72	600	650	240	ON HAND AT START OF DAY	10.63	CONSUMED	5				
0400 TO 0800	1	1200	445	680	9	120	110		62	700	700	240	EVAPORATED OR RECEIVED	17.3						
	2	1200	445	680	7	142	130		72	600	650	240	ON HAND	119.5						
0800 TO 1200	1	1200	450		9	122	112		62	900	900	240	CONSUMED	40						
	2	1200	450		7	142	128		72	900	900	240	L.O. CENTRIFUGE - HOURS OPERATED							
													1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		
													-	2 1/2 hrs	2 1/2 hrs	-	-	-	2 1/2 hrs	
													SUMMARY							
													RUNNING TIME	1440	PERCENT OF SLIP	15.5				
													DETENTION TIME	✓	BBL FUEL/MI	1.55-1.84				
													TOTAL REVOLUTIONS	133.010	WIND DIRECTION	090°-20°				
													AVERAGE R.P.M.	92.3	STATE OF SEA	7'				
													TOTAL MILES BY ENGINE	496	STATE OF WEATHER	Showers				
													TOTAL MILES BY OBSERVATION	419	Temp = 83	S = 17.45				

REMARKS

1200-1600 WATCH

Underway on 16 nozzles - Machinery in operation of room. Main Unit B-1, B-2, G-1, G-2, M-1, M-2, A-E-R, E-1, D-2, P-1, P-2, F-1, F-2, C-1, S-1, E-1, A.C.W., A.C.E.P., A.C.W. - changed to Outboard lettle @ 1210 & Iron. Fuel oil from 42 1/2 to Inboard & Outboard lettles - changed & cleaned upper Fuel oil Burners - Regashed #1 Fuel oil Service Pump - blew face working on make-up system - added 2 1/2 Stls. Lube oil #1 & #2 Fuel Pump - Pumped for spec Bilge - Blew Tube #1 & #2 Bilge 1515-1530 -

F.O. 0.000
F.W. 0.000
MUF 0.000
MU-U 0.000
EVAP 0.000
GAL-D 0.000

WATCH ENGR'S SIGNATURE -

M. Fox

1600-2000 WATCH

Machinery as before, except: Put purifier back in service @ 1730. Pumped up stiller. Checked steering engine. Made routine rounds and inspection. Cleaned G-1 - G-2 Lube oil strainers. Pumped engine room bilges. Added 5 gal L.O. to No 2 Fuel Pump. Purifier secured.

F.O. 0.000
F.W. 0.000
MUF 0.000
MU-U 0.000
EVAP 0.000
GAL-D 0.000

WATCH ENGR'S SIGNATURE -

J. W. Brack

2000-2400 WATCH

Underway on 16 nozzles - Machinery as before - changed & Clean center Burners - changed & Clean M.C.P. strainer - changed & Clean P.F.O. strainer - Checked steering gear - Pumped Engine Bilge - Worked on sanitary pump - Made routine rounds & inspection of machinery - Condensate #4 - Pumped No. 1 & 2 Port + 5 P's holds -

F.O. 0.000
F.W. 0.000
MUF 0.000
MU-U 0.000
EVAP 0.000
GAL-D 0.000

WATCH ENGR'S SIGNATURE -

R.P. Adams

2400-0400 WATCH

Machinery as before, except: - changed & cleaned Fuel oil suction strainer - J. Fox. Secured Down Flow Valve - changed to Inboard lettle @ 0245 - Transfer Fuel oil from 42 1/2 to Outboard lettle - J. Fox. Checked steering engine - Secured Feed Pump side Rods - Pumped for spec Bilge -

F.O. 1.000
F.W. 0.000
MUF 0.000
MU-U 0.000
EVAP 0.000
GAL-D 0.000

WATCH ENGR'S SIGNATURE -

M. Fox

0400-0800 WATCH

Machinery as before, except: cleaned and changed bottom burners Pumped E.C. bilges. Made routine rounds and inspection. Checked steering engine - pumped reserves.

F.O. 0.000
F.W. 0.000
MUF 0.000
MU-U 0.000
EVAP 0.000
GAL-D 0.000

WATCH ENGR'S SIGNATURE -

0800-1200 WATCH

Underway on 16 nozzles - Machinery as before - Blew tubes from 0800 to 0820 - Sec A.C. unit @ 0820 - 18 nozzles @ 0830 - 1st & 2nd & Utility men working on make up fuel system - Pumped Engine Room Bilge - Checked steering Eng. - Condensate #4 - Made routine rounds & inspection of machinery

F.O. 1.000
F.W. 0.000
MUF 0.000
MU-U 0.000
EVAP 0.000
GAL-D 0.000

WATCH ENGR'S SIGNATURE -

R.P. Adams

CHIEF ENGINEER

2 BOILER 1

9.93 P. ALK 7.59
15.16 T. ALK 10.51
3.39 CHLO 2.90
40 PH. 4 40
30 SO. 3 28
10.5 PH 10.5
4878 WS. HRS. 4664
2231 ES. HRS. 2108

CHIEF ENGR'S SIGNATURE -

J. O. Holloman

General John Pope 110-110 4F Camanche Bay, Viet Nam To San Francisco 22-22-2 Aug 20-21, 1966

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)						
RUNNING TIME							AFT. H. P. ROTOR BEARING						
DETENTION TIME							FORWARD L. P. ROTOR BEARING						
REVOLUTION COUNTER (END OF WATCH)							AFT. L. P. ROTOR BEARING						
TOTAL REVOLUTIONS (FOR WATCH)							HOTTEST GEAR BEARING FORWARD						
AVERAGE RPM							HOTTEST GEAR BEARING AFT						
F.O. METER (END OF WATCH)							AUX. COND. CONDENSATE						
F.O. CONSUMED							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 P ₅						
							MAIN STEAM						
							SUPER HEAT						
							F.O. TO BURNERS						
							F.O. TEMP. IN SETTLING TANKS S						
							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	METER AT NOON	ON HAND AT START OF DAY	
1200 TO 1600	1	1800	445	695	9	120	110		62	1000	1000	39.000	64	
	2	1800	445	685	7	142	130		70	1000	1000	08.250	53	
1600 TO 2000	1	1200	445	680	9	122	112		62	950	950	30.750	71	
	2	1200	445	680	7	144	130		72	950	950	10.587	44	
2000 TO 2400	1	1200	445	680	9	122	112		62	920	920	732	5765	
	2	1200	445	680	7	144	130		72	900	900	9.855	5760	
2400 TO 0400	1	1800	445	685	9	120	110		62	950	950	1195	5	
	2	1800	445	685	7	142	130		72	950	950	170		
0400 TO 0800	1	1200	445	680	9	120	110		62	950	950	1264		
	2	1200	445	680	7	142	130		72	950	950	101		
0800 TO 1200	1	1200	445		9	121	111		62	950	950			
	2	1200	445		7	142	130		72	950	950			
FUEL OIL											DOMESTIC WATER			
											LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gal.)			
											L.O. CENTRIFUGE - HOURS OPERATED			
											1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400
											1344	140		
											SUMMARY			
											RUNNING TIME	1380	PERCENT OF SLIP	16.24
											DETENTION TIME	✓	BBL FUEL/MI	1.54-1.84
											TOTAL REVOLUTIONS	227200	WIND DIRECTION	110°-20Kb
											AVERAGE R.P.M.	92.1	STATE OF SEA	110°-8'
											TOTAL MILES BY ENGINE	474	STATE OF WEATHER	Clear
											TOTAL MILES BY OBSERVATION	397	Az 82° -	S=17.25

REMARKS

1200-1600 WATCH

Underway on 18 Nozzles: Machinery in operation as of noon: Main Unit, B-1, B-2, G-1, G-2, H-1, MC-1, AE-R, E-1, D-2, P-1, P-2, F-1, F-2, C-1, S-1, L-1 - Changed & cleaned upper fuel oil burner - Ship's force hooked up new make-up fuel line; water heating @ 1400-2616000 - changed to Outboard Settler @ 1415 - 1st. dist. Eng. Working on Fuel oil Centrifuge - Transferred fuel oil from 4 1/2 & 4 to Inboard Settler - J. Eng. Second Floor Plate - J. Eng. checked steering engine, fuel efficiency amount of oil & water on deck - clear 1st & 2nd area 1515-1530 - Pumped Eng. Space Bilges -

WATCH ENGR'S SIGNATURE -

Dr. J. K.

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

1600-2000 WATCH

Machinery as before - except: cleaned and changed bottom burners, pumped E.R. Bilges, checked steering engine, pumped vacuum. Cleaned L.O. strainers on G-1 - B-2. Purged in vacuum @ 1745. Lost seal @ 1830. Leaked @ 1845. Pumped bilges. J. reports water and oil on floor in steering engine room.

WATCH ENGR'S SIGNATURE -

J. H. Burk

F.O. Outboard
F.W. 2945
MUF 15
MU-U 6
EVAP 3 1/2
GAL-D 5100

2000-2400 WATCH

Underway on 18 nozzles - machinery as before - changed & clean center burner - changed & clean P.F.O. strainer main L.O. strainer and G-1 strainer - pump Eng. Bilges - checked steering gear - worked on sanitary pump - Condensate .4 - made routine sounds & inspection of machinery - advance clock 20 min @ 2300 -

WATCH ENGR'S SIGNATURE -

R. P. Adams

2400-0400 WATCH

Machinery as before, except: changed & cleaned fuel oil section strainer - J. Eng. Second Floor Plate - set clock ahead 20 minutes @ 0039 - J. Eng. checked steering engine - ground fuel pump side rods - added 2 1/2 Gal. Lube oil to fuel pump - Pumped Eng. Space Bilges -

F.O. Outboard
F.W. 2945
MUF 15
MU-U 6.4
EVAP 1 1/2
GAL-D 5500

Condensate .4 & 1/2 PH.

WATCH ENGR'S SIGNATURE -

M. Fox

0400-0800 WATCH

Machinery as before, except: cleaned and changed lower burners. J. pumped settler and checked steering engine. Pumped E.R. Bilges. Made routine sounds and inspection & clean m. f. o. strainers. Changed to inboard settler @ 0430. Advanced clock 20 min @ 0500.

F.O. Inboard
F.W. 2945
MUF 15
MU-U 6.0
EVAP 1 1/2
GAL-D 5400

WATCH ENGR'S SIGNATURE -

J. H. Burk

0800-1200 WATCH

Underway on 18 nozzles - machinery as before - clear tank 0805 to 0820 - test fire alarm @ 0813 1/2 - checked steering gear - worked on sanitary pump - Condensate .4 - clear Eng. Bilges - made routine sound & inspection of machinery -

F.O. Inboard
F.W. 2945
MUF 15
MU-U 8
EVAP 1-P
GAL-D 5400

WATCH ENGR'S SIGNATURE -

R. P. Adams

CHIEF ENGINEER

2 BOILER 1

9.34 P. ALK 7.59
14.60 T. ALK 10.51
4.97 CHLO 3.31
40 PH. 4 40
35 SO. 3 35
10.5 PH 10.5
440 WS. 4688
226 EC 2132

CHIEF ENGR'S SIGNATURE -

J. H. Burk

REMARKS

1200-1600 WATCH

Underway on 18 nozzles. Machinery in operation as of noon. Main Unit, B-1, B-2, G-1, G-2, M-1, MC-1, AE-R, E-1, D-1, P-2, P-1, P-2, F-1, F-2, C-1, S-1, L-1 - Changed & cleaned upper fuel oil burners - added 2 lbs. fuel oil to feed pump - Blow tubes #1 & #2 Boilers 1515-1530 - Pumped F.O. out of F.W. 2/5 MUF 28/19 MU-U 980 EVAP #1 GAL 5600

WATCH ENGR'S SIGNATURE.

M. Fox

1600-2000 WATCH

Machinery as before, except. added fuel oil to B-2. Made routine rounds and inspections. Cleaned and changed bottom burners. Checked steering engine, pumped up reservoir. Fuel section on 7 P/S. Fuel oil to 5 lb + 5 cc M.T.

F.O. out of F.W. 2/5 MUF 28/19 MU-U 900 EVAP #1 GAL 55800

Condensate .4 G.P.H.

WATCH ENGR'S SIGNATURE.

L.H. Burk

2000-2400 WATCH

Underway on 18 nozzles - machinery as before - changed & clean center burners - changed & clean P.F.O. strainer, M.L.O. strainer and G-2 L.O. strainer - checked steering eng. gear - pump eng bilge worked on discharge & motor valve of auxiliary pump - Condensate .4 made routine rounds & inspection of auxiliary pump -

F.O. out of F.W. 2/5 MUF 28/19 MU-U 500 EVAP #1 GAL 55300

WATCH ENGR'S SIGNATURE.

R.P. Adams

2400-0400 WATCH

Machinery as before, except. changed & cleaned fuel oil section strainer - set clock ahead 20 minutes @ 0058 - changed to blow bottles @ 0145 - transferred fuel oil from 4 tanks into outboard bottles - J. Eng. second Filon plates - checked feed pump side rods - J. Eng. checked steering engine - Pumped eng. bilge - D.C. Munster took control of shifting & cannot be kept equal.

F.O. in R.P. F.W. 2/5 MUF 28/19 MU-U 760 EVAP #1 GAL 55300

WATCH ENGR'S SIGNATURE.

M. Fox

0400-0800 WATCH

Machinery as before, except. advanced clock 20 min @ 0500. Cleaned and changed bottom burners. Made routine rounds and inspections. Oiler made reef rounds. J. Eng. working on deck plates. Checked steering engine and pumped reservoir. Pumped E.R. bilge.

F.O. in R.P. F.W. 2/5 MUF 28/19 MU-U 840 EVAP #1 GAL 55300

.4 G.P.H. condensate

WATCH ENGR'S SIGNATURE.

L.H. Burk

0800-1200 WATCH

Underway on 18 nozzles - machinery as before - Blow tubes from 0805 to 0820 - Test fire alarm @ 0925 - started L.O.P @ 0955 - bore seal @ 1018 - see centrifuge - Hby @ 1016 & fire drill - see fire drill 1028 - abandon ship drill @ 1030 to 1050 - see Hby @ 1050 1/4 - checked steering gear - pump eng bilge - change & clean center burner - condensate .4 J. worked on deck plates - made routine rounds & inspection of machinery

F.O. in R.P. F.W. 2/5 MUF 28/19 MU-U 820 EVAP #1 GAL 55300

WATCH ENGR'S SIGNATURE.

R.P. Adams

CHIEF ENGINEER

Hby @ 1016 & fire drill see fire drill @ 1028 - abandon ship drill @ 1030 to 1050 - see Hby @ 1050 1/4 - R.P.A.

✓ BOILER 1

9.93 P. ALK 7.59
14.60 T. ALK 10.51
5.39 CHLO 3.31
40 PH. 4 35
38 BO. 3 38
10.5 PH 10.5
4926 WS. HRS. 4114
2280 FS. HRS. 2156

CHIEF ENGR'S SIGNATURE.

J. P. Halloran

USNS *General John Pope* 110 VOYAGE NO. *4F* FROM *Cape Henry Bay, West Ham* TO *San Francisco* TYPE OF VESSEL *ES-2* DATE *August 23, 1966*

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							AFT. H. P. ROTOR BEARING						
DETENTION TIME							FORWARD L. P. ROTOR BEARING						
REVOLUTION COUNTER (END OF WATCH)							AFT. L. P. ROTOR BEARING						
TOTAL REVOLUTIONS (FOR WATCH)							HOTTEST GEAR BEARING FORWARD						
AVERAGE RPM							HOTTEST GEAR BEARING AFT						
F.O. METER (END OF WATCH)							AUX. COND. CONDENSATE						
F.O. CONSUMED							1ST STAGE FEED WATER HEATER						
							D. C. FEED WATER HEATER						
							1ST 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 P 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	WATER	LUBE OIL			
1200 TO 1600	1	1200	445	680	9	119	109		62	1000	1000	140	METER AT NOON	02.230	ON HAND AT START OF DAY	89		
	2	1200	445	680	7	140	128		72	1000	1000	140	METER PREVIOUS NOON	69.900	EVAPORATED OR RECEIVED	31		
1600 TO 2000	1	1200	445	685	9	118	108		62	900	900	240	CONSUMED BY METER	31.330	ON HAND	83		
	2	1200	445	685	9	140	127		72	900	900	240	ON HAND AT START OF DAY	9.120	CONSUMED	37		
2000 TO 2400	1	1200	445	680	9	116	112		62	1000	1000	240	RECEIVED DURING DAY	—	ON HAND AT START OF DAY	57.55		
	2	1200	445	680	7	138	124		72	900	900	240	EXPENDED DURING DAY	746	RECEIVED	—		
2400 TO 0400	1	1200	445	680	9	110			62	900	900	140	REMAINING ON BOARD	8374	ON HAND	57.50		
	2	1200	445	680	7	134	122		72	900	900	140	ON HAND AT START OF DAY	12.43	CONSUMED	5		
0400 TO 0800	1	1200	445	670	9	120	110		62	850	850	240	DOMESTIC WATER	1216				
	2	1200	445	670	7	136	122		72	850	850	240	CONSUMED	58				
0800 TO 1200	1	1200	450	675	9	118	110		62	950	950	240	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gal.)	46.5	46.5	3 1/2 hr	900	00
	2	1200	450	675	7	136	122		72	950	950	240	L.O. CENTRIFUGE - HOURS OPERATED					
													1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
													2	3 1/2	4	4	4	
													SUMMARY					
													RUNNING TIME	1440	PERCENT OF SLIP	14.7		
													DETENTION TIME	✓	BBL FUEL/MI	1.45-1.70		
													TOTAL REVOLUTIONS	137.760	WIND DIRECTION	270°-101		
													AVERAGE R.P.M.	95.6	STATE OF SEA	4'		
													TOTAL MILES BY ENGINE	514	STATE OF WEATHER	Clear		
													TOTAL MILES BY OBSERVATION	438	A = 74°	8218.25		

REMARKS

1200-1600 WATCH

Underway on 18 Nozzles: Machinery in operation of room: Main Unit, B-1, B-2, G-1, G-2, H-1, MC-1, AE-R, E-1, D-1, D-2, P-1, P-2, F-1, F-2, C-1, S-1, L-1, - changed & cleaned upper fuel oil burner - 1st Asst. Eng. Working on take oil centrifuge - shifted to outboard settler @ 1345 - transferred fuel oil from 4th D.B. to Inboard Settler - Blow Tubes #1 & 2 Bilges 1515-1530 - Oil Record Book. Temperature - Pumped Eng. Space Bilge - Water Meter Inspection

F.O. OUTBOARD
F.W. #2 P/S
MUF #8-1P
MU-U
EVAP #1P
GAL-D 5600

WATCH ENGR'S SIGNATURE-

M. Roy

1600-2000 WATCH

Machinery as before, except. Cleaned and changed bottom runners. J. Asst. checked steering engine and pumped reserve. Oiler made repair rounds. Pumped E.R. bilges and spaces. Day worker painting around Standing take oil pump. J. worked on deck plates. Water meter inspection.

F.O. OUTBOARD
F.W. #2 P/S
MUF #8-1P
MU-U
EVAP #1P
GAL-D 5600

4 P.P. on Condensate

WATCH ENGR'S SIGNATURE-

J. H. Burk

2000-2400 WATCH

Underway on 18 nozzles - machinery as before - 1st A/E added new line to centrifuge shaft - started L.O.P.C. 2050 - pump to pump - changed & clean center runners - changed & clean P.F.O. strainer main L.O. strainer G-1 L.O. strainer - worked on sanitary pump - pump engine room bilge for Evap #1 C 2320 - changed to outboard settler C 2330 - made routine rounds & inspection of machinery - J. worked on deck plates - Condensate .4

F.O. OUTBOARD
F.W. #2 P/S
MUF #8-1P
MU-U
EVAP #1P
GAL-D 5600

WATCH ENGR'S SIGNATURE-

R. P. Adams

2400-0400 WATCH

Machinery as before, except: changed & cleaned fuel oil suction strainer - transferred fuel oil from 4th D.B. to outboard settler - Oiler Recorded Ref. Temperature - J. Asst. Screwed Down Flood Plates - Greased Fuel Pump Side Rod - J. Asst. checked steering engine - Pumped Eng. Space Bilges - J. Asst. cleaned bilges -

F.O. INBOARD
F.W. #2 P/S
MUF #8-1P
MU-U 6.4
EVAP #1P
GAL-D

WATCH ENGR'S SIGNATURE-

M. Roy

0400-0800 WATCH

Machinery as before, except. Cleaned and changed bottom runners. Cleaned and changed M.D.O. strainer. checked steering engine and pumped reserve. Cleaned std 7-0. strainer. Steam leak on exhaust line of steam diesel oil pump. F.O. sections 4-5.

F.O. INBOARD
F.W. #2 P/S
MUF #8-1P
MU-U 6.0
EVAP #1P
GAL-D

4 P.P. on condensate

WATCH ENGR'S SIGNATURE-

J. H. Burk

0800-1200 WATCH

Underway on 18 nozzles - machinery as before - Blow Tubes from 0805 to 0925 - Test fire alarm C 0835 - checked steering gear - Condensate .4 tested emergency air compressor C 0934 - pump Butcher Shop #13 & No. 4 hold #15 - pump Eng. Room Bilge - made routine rounds & inspection of machinery -

F.O. INBOARD
F.W. #2 P/S
MUF #8-1P
MU-U 6.0
EVAP #1P
GAL-D

WATCH ENGR'S SIGNATURE-

R. P. Adams

CHIEF ENGINEER

Casualty Drill E-6 Oil fire in the Engine room Bilge
from men present 2200 - 2230 Notified Bridge
Held Engine Casualty Drill "E-6" 0200-0220 - 4 men Present
Notified Bridge - M. Roy
Held Engine Casualty Drill E-6 - 0600 - 0630 - 4 men Present
Notified Bridge - J. H. Burk

✓ BOILER

9.34 P. ALK 7.59
14.60 T. ALK 10.51
4.97 CHLO 3.73
35 PH. 4 35
45 SO. 3 40
10.15 PH 10.15
4950 WS. HRS. 4934
2304 FS. HRS. 2180

CHIEF ENGR'S SIGNATURE-

J. H. Burk