USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Geo. Luckenbach	12-A	Da Nang, Vietnam	San Francisco, Calif.	T2-SE-A2	6/1-2/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	4762 9440	4765 2410	4767 3430	4769 4420	4771 5460	4773 8470
TOTAL REVOLUTIONS (FOR WATCH)	22760	22910	21020	20990	21040	23010
AVERAGE RPM	94.8	95.7	95.5	95.4	95.7	95.8
F.O. METER (END OF WATCH)	1548 8500	1549 1260	1549 3740	1549 6210	1549 8730	1550 1440
F.O. CONSUMED	2730	2760	2480	2470	2520	2710
MACHINERY PARTICULARS — PRESSURES — THROTTLE	415	415	415	415	415	415
H.P. AHEAD	415	415	415	415	415	415
L.P. AHEAD	25	25	25	25	25	25
VACUUM	28.1"	28.2	28.2	28.2"	28.2	28.2
L.O. TO TURBINES	12.3	12.5	12.5	12.3	12.3	12.3
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	10	10	10	10	10	10
GLAND STEAM	.5	.5	.5	.5	.5	.5
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER	15"	15"	15"	14"	15	15"
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	733	730	730	730	730	730
L. P. EXHAUST	98	99	99	98	98	99
CONDENSATE	97	96	96	96	96	97
CIRC. WATER IN	68	67	67	67	66	68
CIRC. WATER OUT	78	78	77	77	78	78
L.O. TO COOLERS	126	127	126	126	126	127
L.O. FROM COOLERS	110	110	110	110	110	110
TEMPERATURE THRUST BEARING	115	114	114	115	115	115
FORWARD H.P. ROTOR BEARING	118	118	119	118	119	119
AFT. H.P. ROTOR BEARING	128	128	128	128	128	128
FORWARD L.P. ROTOR BEARING	130	130	130	130	130	130
AFT. L.P. ROTOR BEARING	128	129	129	128	128	128

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D)	HOTTEST GEAR BEARING FORWARD	150	150	150	150	149	150
	HOTTEST GEAR BEARING AFT	142	142	142	142	143	142
	AUX. COND. CONDENSATE	90	87	86	89	86	88
	1ST STAGE FEED WATER HEATER	164	164	164	165	161	165
	D. C. FEED WATER HEATER	240	240	240	240	240	240
	3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P							
SUPER HEAT S							
F.O. TO BURNERS		140	140	140	140	140	140
AIR TO FURNACE P		109	110	107	108	110	109
AIR TO FURNACE S		115	108	107	112	112	168
F.O. TEMP. IN SETTLING TANKS P		93	89	89	90	90	90
F.O. TEMP. IN SETTLING TANKS S		80	80	80	82	79	79
PORT BOILER UPTAKE		321	320	324	326	326	322
STBD. BOILER UPTAKE		315	310	312	315	315	312
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE							
MAIN STEAM		465	465	465	465	465	465
F.O. TO BURNERS		135	130	130	135	135	135
MISCELLANEOUS — MAIN COND. SALINITY		.41	.2	.41	.41	.2	.41
ENGINE ROOM TEMPERATURE		79	78	78	78	78	80
FIRE ROOM TEMPERATURE		89	88	78	88	88	80
NOZZLES IN USE		18	18	18	18	18	18
NO. OF BURNERS IN USE P		5/55	5 1/55	5 1/55	5 1/55	5 1/55	5 1/55
NO. OF BURNERS IN USE S		5/55	5 1/55	5 1/55	5/55	5 1/55	5 1/55
BURNER TIP SIZE P		3	3	3	3	3	3
BURNER TIP SIZE S		3	3	3	3	3	3
CO_2 % PORT BOILER			13.5%				
CO_2 % STBD. BOILER			13.5%				
OIL LEVEL MAIN SUMP		110"	22"	110"	110"	22"	110"
THRUST H.P.		.060	.060	.060	.060	.060	.060
THRUST L.P.		.145	.140	.160	.145	.140	.160

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	3	1200	415	—	9.5	132	110	—	74	1050	1000	240
	4	1200	415	—	9.5	136	121	—	48	1000	1000	240
1600 TO 2000	3	1200	415		9.5	130	109		74	1000		240
	4	1200	415		9.5	137	121		48	1000		240
2000 TO 2400	3	1200	415		9.5	131	110		74	1050	1050	240
	4	1200	415		9.5	136	120		48	1050	1050	240
2400 TO 0400	3	1200	415	—	9.5	132	110	—	74	1000	1000	240
	4	1200	415	—	9.5	136	120	—	48	1000	1000	240
0400 TO 0800	3	1200	415		9.5	132	110		74	1000		240
	4	1200	415		9.5	136	121		48	1000		240
0800 TO 1200	3	1200	415		9.5	133	110		74	1000	1000	240
	4	1200	415		9.5	137	121		48	1000	1000	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1550/1440	BOILER WATER — ON HAND AT START OF DAY	297
FUEL OIL	METER PREVIOUS NOON	1548/3770	BOILER WATER — EVAPORATED OR RECEIVED	53
FUEL OIL	CONSUMED BY METER	1670	BOILER WATER — ON HAND	307
FUEL OIL	ON HAND AT START OF DAY	10564	BOILER WATER — CONSUMED	43
FUEL OIL	RECEIVED DURING DAY	—	LUBE OIL — ON HAND AT START OF DAY	1918
FUEL OIL	EXPENDED DURING DAY	121	LUBE OIL — RECEIVED	—
FUEL OIL	REMAINING ON BOARD	9243	LUBE OIL — ON HAND	—
DOMESTIC WATER	ON HAND AT START OF DAY	805	LUBE OIL — CONSUMED	—
DOMESTIC WATER	EVAPORATED OR RECEIVED	49	DIESEL OIL — ON HAND	2046
DOMESTIC WATER	ON HAND	854	DIESEL OIL — RECEIVED	—
DOMESTIC WATER	CONSUMED	20	DIESEL OIL — CONSUMED	—

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

27570/23

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	3 2/3	3 2/3	3 2/3	4

SUMMARY

RUNNING TIME	23/1350	PROPELLER SLIP (%)	9.3% Avg.
DETENTION TIME	—	BBL FUEL/MI	1.600
TOTAL REVOLUTIONS	131740	WIND DIRECTION	225°-20 Kts
AVERAGE R.P.M.	95.4/96.3	STATE OF SEA	225°-3'
TOTAL MILES BY ENGINE	496	STATE OF WEATHER	Rain
TOTAL MILES BY OBSERVATION	480		

REMARKS

1200-1600 WATCH

Underway 18 nozz. — Mach. in operation: B-3, B-4, C-3, C-4, P-3, P-4, D-3, D-4, F-3, F-4, M-2, A-2, MC-3, AC-2, MF-6, AF-6, E-4, FS-2, C-4, S-4, L-2, LC-2, W-3, + BB-2. — Charged + cleaned F.O. disch. strainers & bottom burners — Pumped bilges — Made inspection of all mach. & spaces — Complied with all standing orders — Tested throttle, low L.O. trip, overspeed trip & low L.O. alarm on main unit.

WATCH ENGR'S SIGNATURE- D. L. Wenner

1600-2000 WATCH

Equip in operation as before. Blew tubes on both boilers. Changed & cleaned F.O. burners & strainers. Pumped salt from #2 P&S D.B. Pumped bilge. Closed W.T. doors from bridge. Made routine test & inspection

WATCH ENGR'S SIGNATURE- J. M. Steele

2000-2400 WATCH

underway on 18 nozzle, changed tips burners & cleaned F.O. discharged strainers, Chlorine test tank .5 P.P.M. System — .4 P.P.M. advanced clock 20 minutes @ 2300, made routine check of all mach. space, pumped out bilge.

WATCH ENGR'S SIGNATURE- J. Lane

2400-0400 WATCH

Underway 18 nozz. — Mach. as before — Charged + cleaned F.O. disch. strainers & bottom burners — Pumped bilges — Made inspection of all mach. & spaces — Complied with all standing & night orders — Added packing to stern tube of #'s 3 & 4 fresh water pumps — Charcoal check 20 min. @ 0100

WATCH ENGR'S SIGNATURE- D. L. Wenner

0400-0800 WATCH

Equip in operation as before. Changed & cleaned F.O. burners & strainers. Pumped salt from #2 P&S D.B. & #4 C D.B. Pumped bilges. @0500 Advanced clocks 20 min. Made routine test & inspection

WATCH ENGR'S SIGNATURE- J. M. Steele

0800-1200 WATCH

underway on 18 nozzle, Blew tubes on #3 & #4 boilers @ 0755 to 0815 — Changed tips burners & cleaned F.O. discharged strainers Chlorine test tank .5 P.P.M. System .4 P.P.M. made routine check of all mach. space, pumped out bilge

WATCH ENGR'S SIGNATURE- J. Lane

CHIEF ENGINEER

#3	BLRS. #	4
8,76	P.ALK.	9,93
12,85	T.ALK.	13,43
2.9	CHL.	2.9
40	PHOS.	40
	P.H. Cond.	8
30	~~P.H. D.C.~~ SO3	40
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C	
STEAMING HOURS		
1054	F.S.	1868
1054	W.S.	1868

1 pt Vol.

CHIEF ENGR'S SIGNATURE- W. A. Chamberlain

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
[illegible]	12-F	[illegible]	[illegible]	[illegible]	6-2-3/[illegible]

	WATCH 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
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	4776 1340	4778 4230	4780 7110	4783 0050	4785 3020	4787 6010
TOTAL REVOLUTIONS (FOR WATCH)	22870	22890	22880	22940	22970	22990
AVERAGE RPM	95.3	95.4	95.3	95.6	95.8	95.7
F.O. METER (END OF WATCH)	1550 4190	1550 6930	1550 9660	1551 2400	1551 5130	1551 7870
F.O. CONSUMED	2750	2740	2730	2740	2730	2740
MACHINERY PARTICULARS – PRESSURES – THROTTLE	415	415	415	415	415	415
H.P. AHEAD	415	415	415	415	415	415
L.P. AHEAD	25	25	25	25	25	25
VACUUM	28.2"	28.2	28.3	28.4"	28.2	28.3
L.O. TO TURBINES	12.3	12.3	12.3	12.3	12.3	12.3
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	10	10	10	10	10	10
GLAND STEAM	.5	.5	.5	.5	.5	.5
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER	15"	15"	16"	15"	15"	15"
TEMPERATURES – STEAM AT THROTTLE	730	730	730	740	730	740
L. P. EXHAUST	97	98	98	94	95	98
CONDENSATE	95	95	95	92	92	97
CIRC. WATER IN	67	66	66	64	63	64
CIRC. WATER OUT	77	77	77	75	74	74
L.O. TO COOLERS	126	126	126	126	126	126
L.O. FROM COOLERS	110	110	110	110	110	110
TEMPERATURE THRUST BEARING	115	114	114	114	113	114
FORWARD H.P. ROTOR BEARING	119	119	118	122	121	122
AFT. H.P. ROTOR BEARING	128	128	128	128	128	129
FORWARD L.P. ROTOR BEARING	130	129	129	130	129	130
AFT. L.P. ROTOR BEARING	128	128	127	128	127	128

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0600	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD		150	149	149	150	149	150
HOTTEST GEAR BEARING AFT		143	141	142	142	142	143
AUX. COND. CONDENSATE		88	85	88	86	82	86
1ST STAGE FEED WATER HEATER		163	160	162	161	63	162
D. C. FEED WATER HEATER		240	240	240	240	240	240
3RD STAGE FEED WATER HEATER							
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT	P						
	S						
F.O. TO BURNERS		140	140	140	140	140	140
AIR TO FURNACE	P	109	110	107	108	108	109
	S	112	110	108	106	105	105
F.O. TEMP. IN SETTLING TANKS	P	90	90	89	89	90	93
	S	81	75	76	79	74	75
PORT BOILER UPTAKE		322	318	324	325	324	320
STBD. BOILER UPTAKE		312	308	314	318	316	312
PRESSURES – F. O. BACK PRESSURE							
MAIN STEAM		465	465	465	465	465	465
F.O. TO BURNERS		135	135	135	135	130	130
MISCELLANEOUS – MAIN COND. SALINITY		.41	.2	.41	.41	.2	.41
ENGINE ROOM TEMPERATURE		79	76	76	75	76	79
FIRE ROOM TEMPERATURE		89	86	76	88	86	79
NOZZLES IN USE		18	18	18	18	18	18
NO. OF BURNERS IN USE	P	3	3	3	3	3	3
	S	3	3	3	3	3	3
BURNER TIP SIZE	P	51/55	51/55	51/55	51/55	51/55	51/55
	S	51/55	51/55	51/55	51/55	51/55	51/55
CO_2 % PORT BOILER			13.5%				
CO_2 % STBD. BOILER			13.5%				
OIL LEVEL MAIN SUMP		110"	22"	110"	110"	22"	110"
THRUST	H.P.	.060	.060	.060	.060	.060	.060
	L.P.	.145	.140	.160	.145	.140	.160

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	3	1200	415	—	9.5	132	110	—	74	1050	1000	240
	4	1200	415	—	9.5	132	121	—	48	1050	1050	240
1600 TO 2000	3	1200	415		9.5	131	109		74	1000		240
	4	1200	415		9.5	136	120		48	1000		240
2000 TO 2400	3	1200	415		9.5	131	110		74	1050	1050	240
	4	1200	415		9.5	136	121		48	1050	1050	240
2400 TO 0400	3	1200	415	—	9.5	131	110	—	74	1000	950	240
	4	1200	415	—	9.5	135	120	—	48	1000	1000	240
0400 TO 0800	3	1200	415		9.5	131	110		74	1000		240
	4	1200	415		9.5	135	119		48	1000		240
0800 TO 1200	3	1200	415		9.5	132	110		74	1050	1050	240
	4	1200	415		9.5	135	120		48	1050	1050	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1551787[illegible]	BOILER WATER – ON HAND AT START OF DAY	30[illegible]
	METER PREVIOUS NOON	1549440	EVAPORATED OR RECEIVED	[illegible]
	CONSUMED BY METER	2347	ON HAND	[illegible]
	ON HAND AT START OF DAY	9823	CONSUMED	[illegible]
	RECEIVED DURING DAY	—	LUBE OIL – ON HAND AT START OF DAY	1918
	EXPENDED DURING DAY	753	RECEIVED	—
	REMAINING ON BOARD	[illegible]	ON HAND	—
DOMESTIC WATER	ON HAND AT START OF DAY	834	CONSUMED	—
	EVAPORATED OR RECEIVED	[illegible]	DIESEL OIL – ON HAND	2046
	ON HAND	[illegible]	RECEIVED	—
	CONSUMED	[illegible]	CONSUMED	—

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

[illegible]

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	[illegible]	PROPELLER SLIP (%)	[illegible]
DETENTION TIME	—	BBL FUEL/MI	1.637
TOTAL REVOLUTIONS	[illegible]	WIND DIRECTION	270°-13K
AVERAGE R.P.M.	[illegible]	STATE OF SEA	270° 3'
TOTAL MILES BY ENGINE	518	STATE OF WEATHER	[illegible]
TOTAL MILES BY OBSERVATION	460		

REMARKS

1200-1600 WATCH

Underway 18 mpg. — Mach. in operation: B-3, B-4, G-3, G-4, D-3, D-4, P-3, P-4, F-3, F-4, M-2, A-2, MC-3, AC-2, ME-G, AE-G, E-1, C-1, S-1, L-2, LC-2, FS-2, W-3 + BB-2. — Changed + cleaned F.O. disch. strainers + bottom burners — Pumped bilges — Made inspection of all mach. + spaces — Complied with all standing orders — Tested throttle, low L.O. trip, overspd trip + low L.O. alarm on main unit.

WATCH ENGR'S SIGNATURE- R. L. Wenner

1600-2000 WATCH

Equip. in operation as before. Blew tubes on both boilers. Changed + cleaned F.O. burners + strainers. Pumped salt from #4 & D.B. Pumped bilges. Made routine test + inspections. @1845 W.T. doors closed from bridge.

WATCH ENGR'S SIGNATURE- J. M. Steele

2000-2400 WATCH

underway on 18 noggle, changed tops burners + cleaned F.O. discharge strainers, start #3 S.T. evap. @2000 notified forward plant. Secured #1 L.P. evap. @2135 notified forward plant. Chlorine test Tank .3 P.P.M. System .1 P.P.M. made routine check of all mach. space, pumped out bilge. Chief Eng. made inspection of mach. space + shaft alley @2200

WATCH ENGR'S SIGNATURE- R. Lane

2400-0400 WATCH

Underway 18 mpg. - Mach. as before - Changed + cleaned F.O. disch. strainers, bottom burners + main unit L.O. strainer - Pumped bilges - Made inspection of all mach. + spaces - Complied with all standing + night orders.

WATCH ENGR'S SIGNATURE- R. L. Wenner

0400-0800 WATCH

Equip in operation as before. Changed + cleaned F.O. burners + strainers. Pumped salt from #4 & D.B. Pumped bilges. Made routine test + inspections.

WATCH ENGR'S SIGNATURE- J. M. Steele

0800-1200 WATCH

underway on 18 noggle, blew tubes on #3 + #4 boiler @ 0800 to 0820 changed tops burners + cleaned F.O. discharge strainers, chlorine test tank .4 P.P.M. System .2 P.P.M. made routine check of all mach. space, pumped out bilge

WATCH ENGR'S SIGNATURE- R. Lane

CHIEF ENGINEER

Felt strong shock by the hull of ship @ 1955 chief Eng. Call + ask how is the plant reported operating normal, made inspection of shaft alley, mach. space, evap. flat.

#3	BLRS. #	4
8,48	P.ALK.	9.95
11,10	T.ALK.	13.43
2,90	CHL.	2.90
40	PHOS.	40
	P.H. Cond.	8
30	P.H.-D.C. SO3	40
CHEMICALS ADDED		
	ALG.	
	G.C.	
	A.R.C	
STEAMING HOURS		
1078	F.S.	1892
1078	W.S.	1892

1 pt Vol.

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Sam John Pope	12-F	Dalang, Taiwan	Naha, Okinawa		6/2-3/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	4789 9210	4792 2280	4794 3470	4796 4580	4798 5680	4800 6780
TOTAL REVOLUTIONS (FOR WATCH)	23200	23070	21140	21160	21100	23100
AVERAGE RPM	96.7	96.3	96.0	96.2	95.9	96.2
F.O. METER (END OF WATCH)	1552 0640	1552 3400	1552 5910	1552 8450	1553 1020	1553 3790
F.O. CONSUMED	2770	2760	2510	2540	2570	2770
MACHINERY PARTICULARS — PRESSURES — THROTTLE	415	415	415	415	415	415
H.P. AHEAD	415	415	415	415	415	415
L.P. AHEAD	25	25	25	25.5	25	25
VACUUM	28.4"	28.4	28.4	28.4"	28.4	28.4
L.O. TO TURBINES	12.3	12.3	12.3	12.3	12.3	12.3
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	10	10	10	10	10	10
GLAND STEAM	.5	.5	.5	.5	.5	.5
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER	15"	15"	15"	15"	15	15"
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	738	735	735	738	735	735
L. P. EXHAUST	94	95	94	92	94	94
CONDENSATE	91	91	91	90	91	89
CIRC. WATER IN	64	62	63	61	61	61
CIRC. WATER OUT	74	73	73	72	72	70
L.O. TO COOLERS	126	126	126	126	126	126
L.O. FROM COOLERS	110	110	110	110	110	110
TEMPERATURE THRUST BEARING	114	113	113	114	113	113
FORWARD H.P. ROTOR BEARING	122	122	122	122	121	121
AFT. H.P. ROTOR BEARING	128	128	128	129	128	129
FORWARD L.P. ROTOR BEARING	130	130	129	130	129	129
AFT. L.P. ROTOR BEARING	127	127	126	127	126	128

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D)	HOTTEST GEAR BEARING FORWARD	150	149	150	150	149	150
	HOTTEST GEAR BEARING AFT	142	142	143	143	142	143
	AUX. COND. CONDENSATE	85	82	81	81	80	81
	1ST STAGE FEED WATER HEATER	161	163	160	161	163	163
	O. C. FEED WATER HEATER	240	240	240	240	240	240
	3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P							
SUPER HEAT S							
F.O. TO BURNERS		140	140	140	140	140	140
AIR TO FURNACE P		110	110	105	107	105	105
AIR TO FURNACE S		107	110	107	102	105	103
F.O. TEMP. IN SETTLING TANKS P		90	88	88	91	85	87
F.O. TEMP. IN SETTLING TANKS S		80	74	74	74	75	75
PORT BOILER UPTAKE		322	319	322	324	326	327
STBD. BOILER UPTAKE		316	309	313	316	316	312
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE							
MAIN STEAM		465	465	465	465	465	465
F.O. TO BURNERS		135	130	130	130	130	130
MISCELLANEOUS — MAIN COND. SALINITY		.41	.2	.41	.41	.2	.41
ENGINE ROOM TEMPERATURE		78	76	76	75	75	76
FIRE ROOM TEMPERATURE		88	86	76	85	85	76
NOZZLES IN USE		18	18	18	18	18	18
NO. OF BURNERS IN USE P		3	3	3	3	3	3
NO. OF BURNERS IN USE S		3	3	3	3	3	3
BURNER TIP SIZE P		51/55	51/55	51/55	51/55	51/55	51/55
BURNER TIP SIZE S		51/55	51/55	51/55	51/55	51/55	51/55
CO_2 % PORT BOILER			13.5%				
CO_2 % STBD. BOILER			13.5%				
OIL LEVEL MAIN SUMP		110"	22"	110"	18"	20"	110"
THRUST H.P.		.060	.060	.060	.060	.060	.060
THRUST L.P.		.150	.140	.160	.145	.140	.160

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	3	1200	415	—	9.5	131	110	—	74	1000	1000	240
	4	1200	415	—	9.6	135	120	—	45	1150	1150	240
1600 TO 2000	3	1200	415		9.5	132	110		74	1050		240
	4	1200	415		9.5	135	119		48	1050		240
2000 TO 2400	3	1200	415		9.5	130	110		74	1000	1000	240
	4	1200	415		9.6	134	118		48	1000	1000	240
2400 TO 0400	3	1200	415	—	9.5	132	110	—	74	1000	950	240
	4	1200	415	—	9.5	134	118	—	48	1050	1050	240
0400 TO 0800	3	1200	415		9.5	132	110		74	1050		240
	4	1200	415		9.5	133	117		49	1050		240
0800 TO 1200	3	1200	415		9.5	132	110		73	1050	1050	240
	4	1200	415		9.6	134	118		49	1050	1050	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1553770	BOILER WATER — ON HAND AT START OF DAY	312
	METER PREVIOUS NOON	1551770	EVAPORATED OR RECEIVED	40
	CONSUMED BY METER	15200	ON HAND	312
	ON HAND AT START OF DAY	9090	CONSUMED	40
	RECEIVED DURING DAY	—	LUBE OIL — ON HAND AT START OF DAY	1918
	EXPENDED DURING DAY	728	RECEIVED	—
	REMAINING ON BOARD	8362	ON HAND	1768
DOMESTIC WATER	ON HAND AT START OF DAY	345	CONSUMED	150
	EVAPORATED OR RECEIVED	40	DIESEL OIL — ON HAND	2046
	ON HAND	345	RECEIVED	—
	CONSUMED	40	CONSUMED	—

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

23/29100

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	3 2/3	3 2/3	3 2/3	4

SUMMARY

RUNNING TIME	23/1380	PROPELLER SLIP (%)	14.6% over
DETENTION TIME	—	BBL FUEL/MI	1.705
TOTAL REVOLUTIONS	132770	WIND DIRECTION	240° - 15 kts.
AVERAGE R.P.M.	96.2/97.0	STATE OF SEA	240° 3'
TOTAL MILES BY ENGINE	500	STATE OF WEATHER	Clear
TOTAL MILES BY OBSERVATION	427		

REMARKS

1200-1600 WATCH

Underway 18 nozz. — Mach. in operation: B-3, B-4, G-3, G-4, D-3, D-4, P-3, P-4, F-3, F-4, M-2, A-2, MC-3, AC-2, E-2, S-1, FS-2, C-1, L-2, LC-2, W-3, & BB-2. — Changed & cleaned F.O. disch. strainers & bottom burners — Pumped bilges — Made inspection of all mach. & spaces — Complied with all standing orders — Tested throttle, low L.O. trip, over-speed trip & low L.O. alarm on main unit.

WATCH ENGR'S SIGNATURE- D. L. Werner

1600-2000 WATCH

Equip in operation as before. Blew tubes on both boilers. Changed & cleaned F.O. burners & strainers. Pumped oil from #5 & Deep tank. Pumped bilge. Made routine test & inspection.

WATCH ENGR'S SIGNATURE- J. M. Steel

2000-2400 WATCH

underway on 18 nozzle, changed top burners & cleaned F.O. discharge strainer, cleaned L.O. strainer of #3 & #4 and L.O. lubrication test tank .5 P.P.M. System .3 P.P.M. made fueling to #3 STBD @ 2340 made routine check of all mach. space pumped out bilge, advanced clock 20 minutes @ 2300

WATCH ENGR'S SIGNATURE- R. Lane

2400-0400 WATCH

Underway 18 nozz. — Mach as before — Changed & cleaned F.O. disch. strainers & bottom burners — Pumped bilges — Made inspection of all mach. & spaces — Complied with all standing & night orders — Advanced clocks 20 min. @0100 — #2 L.P. evap disch. to 3S pot. wtr. tank — Made routine cleaning & check of L.O. cent.

WATCH ENGR'S SIGNATURE- D. L. Werner

0400-0800 WATCH

Equip in operation as before. Changed & cleaned F.O. burners & strainers. Pumped oil from #5 & deep tank. Pumped bilge. Made routine test & inspection. Advanced clocks 20 min.

WATCH ENGR'S SIGNATURE- J. M. Steel

0800-1200 WATCH

underway on 18 nozzle, Blew tube on #3 & #4 boiler @ 0800 to 0830, changed top burners & cleaned F.O. discharge strainer, Held retaining casualty drill @ 1015 & 3 BE. Secured from drill @ 1038 & HL. Lubrication test tank .3 P.P.M. System .3 P.P.M. made routine check of all mach space, pumped out bilge

WATCH ENGR'S SIGNATURE- R. Lane

CHIEF ENGINEER

#3	BLRS. #	4
8.18	P.ALK.	9.93
11.68	T.ALK.	13.43
2.90	CHL.	2.9
30	PHOS.	35
	P.H. Cond.	8
30	~~P.H. D.C.~~ 323	35
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C	
STEAMING HOURS		
1102	F.S.	1916
1102	W.S.	1916

1 pt tal.

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
[illegible]	12-57	[illegible]	[illegible]	[illegible]	6/3-4/65

	WATCH 1200 TO 1800	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	4803 1800	4805 4890	4807 6080	4809 7240	4811 8440	4814 1550
TOTAL REVOLUTIONS (FOR WATCH)	23020	23090	21190	21160	21200	23110
AVERAGE RPM	95.9	96.2	96.3	96.2	96.4	96.7
F.O. METER (END OF WATCH)	1553 6550	1553 9350	1554 1860	1554 4400	1554 6950	1554 9900
F.O. CONSUMED	2760	2800	2510	2540	2550	2950
MACHINERY PARTICULARS — PRESSURES — THROTTLE	415	415	415	415	415	415
H.P. AHEAD	415	415	415	415	415	415
L.P. AHEAD	25	25	25	25	25	25
VACUUM	28.4"	28.4	28.4	28.5	28.4	28.4"
L.O. TO TURBINES	12.3	12.3	12.3	12.3	12.3	12.3
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	10	10	10	10	10	10
GLAND STEAM	.5	.5	.5	.5	.5	.5
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER	15"	15"	15"	15"	15"	15"
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	738	735	730	730	730	730
L. P. EXHAUST	93	94	94	91	93	94
CONDENSATE	91	90	90	89	89	90
CIRC. WATER IN	62	61	60	60	60	61
CIRC. WATER OUT	72	70	71	70	71	71
L.O. TO COOLERS	126	126	126	126	126	126
L.O. FROM COOLERS	110	110	110	110	110	110
TEMPERATURE THRUST BEARING	113	112	113	113	112	113
FORWARD H.P. ROTOR BEARING	121	121	122	122	120	121
AFT. H.P. ROTOR BEARING	129	127	128	129	127	128
FORWARD L.P. ROTOR BEARING	129	130	129	129	129	129
AFT. L.P. ROTOR BEARING	127	127	127	127	126	127

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD		150	149	149	149	149	150
HOTTEST GEAR BEARING AFT		143	142	142	142	142	142
AUX. COND. CONDENSATE		83	81	82	80	80	82
1ST STAGE FEED WATER HEATER		161	161	160	160	161	161
D. C. FEED WATER HEATER		246	240	240	246	240	240
3RD STAGE FEED WATER HEATER							
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT	P						
	S						
F.O. TO BURNERS		140	140	140	140	140	140
AIR TO FURNACE	P	107	106	106	106	105	105
	S	104	102	100	100	100	100
F.O. TEMP. IN SETTLING TANKS	P	90	85	85	86	87	87
	S	76	76	76	76	76	86
PORT BOILER UPTAKE		325	318	323	328	328	322
STBD. BOILER UPTAKE		317	308	310	315	314	317
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE							
MAIN STEAM		465	465	465	465	465	465
F.O. TO BURNERS		130	130	130	130	130	148
MISCELLANEOUS — MAIN COND. SALINITY		.41	.2	.41	.41	.2	.41
ENGINE ROOM TEMPERATURE		76	74	74	73	73	74
FIRE ROOM TEMPERATURE		85	84	74	84	84	74
NOZZLES IN USE		18	18	18	18	18	18
NO. OF BURNERS IN USE	P	3	3	3	3	3	3
	S	3	3	3	3	3	3
BURNER TIP SIZE	P	[illegible]	51/55	51/55	[illegible]	51/55	51/55
	S	[illegible]	51/55	51/55	[illegible]	51/55	51/55
CO_2 % PORT BOILER			13 %				
CO_2 % STBD. BOILER			13 %				
OIL LEVEL MAIN SUMP		19"	21"	19"	19"	21"	19"
THRUST	H.P.	.060	.060	.060	.060	.060	.060
	L.P.	.145	.140	.140	.145	.140	.160

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	3	1200	415	—	9.5	132	110	—	74	1100	1050	240
	4	1200	415	—	9.6	134	118	—	49	1000	1000	240
1600 TO 2000	3	1200	415		9.5	132	110		74	1050		240
	4	1200	415		9.5	133	117		49	1050		240
2000 TO 2400	3	1200	415		9.5	132	110		74	1000	1000	240
	4	1200	415		9.6	133	117		49	1000	1000	240
2400 TO 0400	3	1200	415	—	9.5	132	110	—	74	1150	1100	240
	4	1200	415	—	9.6	133	116	—	50	1000	1000	240
0400 TO 0800	3	1200	415		9.5	132	110		73	1000		240
	4	1200	415		9.5	133	116		49	1000		240
0800 TO 1200	3	1200	415		9.5	132	110		74	1050	1050	240
	4	1200	415		9.6	133	117		49	1050	1050	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	[illegible]	BOILER WATER — ON HAND AT START OF DAY	312
	METER PREVIOUS NOON	[illegible]	EVAPORATED OR RECEIVED	96
	CONSUMED BY METER	1601	ON HAND	302
	ON HAND AT START OF DAY	8362	CONSUMED	46
	RECEIVED DURING DAY	—	LUBE OIL — ON HAND AT START OF DAY	1768
	EXPENDED DURING DAY	731	RECEIVED	—
	REMAINING ON BOARD	7631	ON HAND	—
DOMESTIC WATER	ON HAND AT START OF DAY	848	CONSUMED	
	EVAPORATED OR RECEIVED	31	DIESEL OIL — ON HAND	[illegible]
	ON HAND	837	RECEIVED	
	CONSUMED	95	CONSUMED	

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

[illegible]

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	3 2/3	3 2/3	3 2/3	4

SUMMARY

RUNNING TIME	[illegible]	PROPELLER SLIP (%)	[illegible]
DETENTION TIME	—	BBL FUEL/MI	1.664
TOTAL REVOLUTIONS	[illegible]	WIND DIRECTION	[illegible]
AVERAGE R.P.M.	[illegible]	STATE OF SEA	[illegible]
TOTAL MILES BY ENGINE	[illegible]	STATE OF WEATHER	[illegible]
TOTAL MILES BY OBSERVATION	[illegible]		

REMARKS

1200-1600 WATCH

Underway 18 nozz. – Mach. in operation: B-3, B-4, G-3, G-4, P-3, P-4, D-3, D-4, I-3, F-4, F-2, M-2, A-2, MC-3, AC-2, ME-G, AE-G, S-1, C-1, FS-2, W-3, L-2, LC-2 + BB-2. – Changed + cleaned F.O. disch. strainers + bottom burners – Pumped bilges – Made inspection of all mach + spaces – Complied with all standing orders – Tested throttle, low L.O. trip, over-speed trip + low L.O. alarm on main units – Sounded casualty drill @ 1544 – Stby @ 1547 – Secured from Sta. casualty drill + U/W @ 1552

WATCH ENGR'S SIGNATURE- R. L. Wenner

1600-2000 WATCH

Equip in operation as before. From 1534 to 1559 held steering casualty drill. Blew tubes on both boilers. Pumped water from #5 & Deep tanks. Changed & cleaned F.O. burners & strainers. Pumped bilges. Made routine test + inspection. @1857 W.T. doors closed from bridge.

WATCH ENGR'S SIGNATURE- J. M. Steele

2000-2400 WATCH

underway on 18 nozzle, changed tips, burners & cleaned F.O. discharge strainer, calibrated old main gauges, chlorine test tank .5 P.P.M. Sigma .3 P.P.M. advance clock 20 minutes @ 2300, made routine check of all machinery space, pumped out bilge

WATCH ENGR'S SIGNATURE- K. Kane

2400-0400 WATCH

Underway 18 nozz. – Mach. as before – Changed + cleaned F.O. disch. strainers, bottom burners + main unit L.O. strainer – Pumped bilges – Made inspection of all mach. + spaces – Complied with all standing + night orders – Advanced clock 20 min. @ 0100

WATCH ENGR'S SIGNATURE- R. L. Wenner

0400-0800 WATCH

Equip in operation as before. Changed + cleaned F.O. burners + strainers. Pumped water from #4 & D.B. @ 0500 Advanced clocks 20 min. Made routine test + inspection.

WATCH ENGR'S SIGNATURE- J. M. Steele

0800-1200 WATCH

underway on 18 nozzle, Blew tubes on #3 + #4 boilers 0800 to 0820 changed tips, burners + cleaned F.O. discharge strainer, cut in steam to #3 & P. evap. @ 0945, chlorine test tank .5 P.P.M. Sigma .3 P.P.M. #3 fire pump put on line, + Sec. #3 @ 0900, made routine check of all mach. space, pumped out bilge

WATCH ENGR'S SIGNATURE- K. Kane

CHIEF ENGINEER

#3	BLRS. #	4
8.16	P.ALK.	9.13
11.10	T.ALK.	13.43
2.9	CHL.	3.3
30	PHOS.	30
	P.H. Cond.	8
30	~~F.H. D.C.~~ 303	30
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C	
STEAMING HOURS		
1126	F.S.	1940
1126	W.S.	1940

1 pt Vol.

CHIEF ENGR'S SIGNATURE- J. A. Chandler

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
[illegible]	12-F	[illegible]	[illegible]	[illegible]	4/2-5/64

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	4810 4200	4818 7820	4820 9050	4823 0350	4825 1550	4837 4600
TOTAL REVOLUTIONS (FOR WATCH)	23150	23170	21180	21300	21200	23050
AVERAGE RPM	96.5	96.6	96.7	96.8	96.4	96.0
F.O. METER (END OF WATCH)	1555 2980	1555 5760	1555 8430	1556 1160	1556 3820	1556 6890
F.O. CONSUMED	2980	2980	2670	2730	2760	2970
MACHINERY PARTICULARS — PRESSURES — THROTTLE	415	415	415	415	415	415
H.P. AHEAD	415	415	415	415	415	415
L.P. AHEAD	26	26	26	26.3	26	26
VACUUM	28.4"	28.4	28.4	28.4"	28.4	28.4
L.O. TO TURBINES	12.3	12.3	12.3	12.3	12.3	12.3
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	10	10	10	10	10	10
GLAND STEAM	.5	.5	.5	.5	.5	.5
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER	15"	15"	15"	15"	15"	15"
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE	720	725	720	723	725	725
L. P. EXHAUST	92	94	94	94	94	95
CONDENSATE	90	90	91	91	92	93
CIRC. WATER IN	60	60	61	62	61	63
CIRC. WATER OUT	70	71	71	72	71	72
L.O. TO COOLERS	126	127	126	127	126	126
L.O. FROM COOLERS	110	110	110	110	110	110
TEMPERATURE THRUST BEARING	113	112	113	113	112	113
FORWARD H.P. ROTOR BEARING	121	121	121	121	121	121
AFT. H.P. ROTOR BEARING	128	128	128	128	128	128
FORWARD L.P. ROTOR BEARING	129	129	129	130	130	130
AFT. L.P. ROTOR BEARING	127	127	128	128	128	128

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD		150	149	149	150	149	150
HOTTEST GEAR BEARING AFT		142	143	143	143	142	143
AUX. COND. CONDENSATE		81	81	81	84	81	83
1ST STAGE FEED WATER HEATER		161	161	162	162	165	164
D. C. FEED WATER HEATER		240	240	240	240	240	240
3RD STAGE FEED WATER HEATER							
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT	P						
	S						
F.O. TO BURNERS		140	140	140	140	140	140
AIR TO FURNACE	P	105	105	105	104	104	105
	S	100	100	100	103	102	103
F.O. TEMP. IN SETTLING TANKS	P	89	86	80	85	88	88
	S	76	76	78	80	73	75
PORT BOILER UPTAKE		328	323	326	330	336	325
STBD. BOILER UPTAKE		321	314	318	320	320	315
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE							
MAIN STEAM		465	465	468	465	465	465
F.O. TO BURNERS		145	145	140	145	150	145
MISCELLANEOUS — MAIN COND. SALINITY		.41	.2	.41	.41	.2	.41
ENGINE ROOM TEMPERATURE		73	73	73	74	74	75
FIRE ROOM TEMPERATURE		83	83	73	84	84	75
NOZZLES IN USE		18	18	18	18	18	18
NO. OF BURNERS IN USE	P	3	3	3	3	3	3
	S	3	3	3	3	3	3
BURNER TIP SIZE	P	51/55	51/55	51/55	51/55	51/55	51/55
	S	51/55	51/55	51/55	51/55	51/55	51/55
CO_2 % PORT BOILER			13%				
CO_2 % STBD. BOILER			13%				
OIL LEVEL MAIN SUMP		19"	21"	19"	19"	21	19"
THRUST	H.P.	.060	.066	.060	.060	.066	.060
	L.P.	.145	.140	.140	.145	.140	.160

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	3	1200	415	—	9.5	132	110	—	74	1000	1000	240
	4	1200	415	—	9.6	133	117	—	49	1100	1100	240
1600 TO 2000	3	1200	415		9.5	132	110		74	1100		240
	4	1200	415		9.5	133	117		49	1100		240
2000 TO 2400	3	1200	415		9.5	132	110		74	1100	1100	240
	4	1200	415		9.6	133	117		49	1100	1100	240
2400 TO 0400	3	1200	415	—	9.5	132	116	—	74	1200	1100	240
	4	1200	415	—	9.6	133	117	—	49	1050	1050	240
0400 TO 0800	3	1200	415		9.5	131	109		74	1150		240
	4	1200	415		9.5	134	118		49	1150		240
0800 TO 1200	3	1200	415		9.5	132	110		74	1150	1150	240
	4	1200	415		9.6	134	118		49	1150	1150	240

FUEL, WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1556890
	METER PREVIOUS NOON	1555820
	CONSUMED BY METER	17090
	ON HAND AT START OF DAY	7681
	RECEIVED DURING DAY	—
	EXPENDED DURING DAY	760
	REMAINING ON BOARD	6811
DOMESTIC WATER	ON HAND AT START OF DAY	834
	EVAPORATED OR RECEIVED	127
	ON HAND	933
	CONSUMED	28

BOILER WATER	ON HAND AT START OF DAY	302
	EVAPORATED OR RECEIVED	70
	ON HAND	312
	CONSUMED	60
LUBE OIL	ON HAND AT START OF DAY	1768
	RECEIVED	—
	ON HAND	—
	CONSUMED	—
DIESEL OIL	ON HAND	2046
	RECEIVED	
	CONSUMED	

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

53,200/23

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	3 2/3	3 2/3	3 2/3	4

SUMMARY

RUNNING TIME	23 hrs 50 min	PROPELLER SLIP (%)	17.2
DETENTION TIME	—	BBL FUEL/MI	1.715
TOTAL REVOLUTIONS	133050	WIND DIRECTION	190° —
AVERAGE R.P.M.	96.4252	STATE OF SEA	190° — 2'
TOTAL MILES BY ENGINE	500	STATE OF WEATHER	Overcast
TOTAL MILES BY OBSERVATION	498		

REMARKS

1200-1600 WATCH

Underway 18 nozz. – Mach. in operation: B-3, B-4, G-3, G-4, P-3, P-4, P-3, P-4, F-3, F-4, F-2, M-2, A-2, MC-3, AC-2, AE-G, AE-G, L-2, LC-2, W-3, S-1, FS-3, E-1 & BB-2. – Changed & cleaned F.O. disch. strainers & bottom burners & pumped bilges – Made inspection of all mach. & spaces – Complied with all standing orders – Tested throttle, low L.O. trip, over-speed trip & low L.O. alarm on main unit – Stby due to weather @1355 – AH @1415

WATCH ENGR'S SIGNATURE- R. L. Werner

1600-2000 WATCH

Equip. in operation as before. Blew tubes on both boilers. Changed & cleaned F.O. burners & strainers. Pumped water from #6 P&S D.B. Pumped bilges. Made routine test & inspection.

WATCH ENGR'S SIGNATURE- J. M. Stark

2000-2400 WATCH

Underway on 18 nozzle, changed tips-burners & cleaned F.O. discharge strainers, assemble #4 fresh water and put in services @2030. work normal. Chlorine test, tank .3 P.P.M. system .1 P.P.M., made routine check of all mach. space, pumped out bilge advance clock 20 minutes @2300

WATCH ENGR'S SIGNATURE- R. Lane

2400-0400 WATCH

Underway 18 nozz. – Mach as before – Changed & cleaned F.O. disch. strainers, bottom burners & main unit L.O. strainer – Pumped bilges – Made inspection of all mach. & spaces – Complied with all standing & night orders – Advanced clock 20 min. @0100

WATCH ENGR'S SIGNATURE- R. L. Werner

0400-0800 WATCH

Equip. in operation as before. Changed & cleaned F.O. burners & strainers, pumped water from #6 P&S D.B. Pumped bilges. @0500 Advanced clocks 20 min. From 0530 to 0545 Instructor watch on Eng. casualty drill E-6 Notified bridge. Made routine test & inspection

WATCH ENGR'S SIGNATURE- J. M. Stark

0800-1200 WATCH

Underway on 18-nozzle, blew tube on #3 & #4 boiler @0900 to 0820, changed tip burners & cleaned F.O. discharge strainers. Held Eng. casualty drill E-6 oil fire in the engine room bilge @0830 to 0900 notified bridge. Chlorine test, tank .4 P.P.M. system .3 P.P.M. made routine check of all mach. space. pumped out bilge.

WATCH ENGR'S SIGNATURE- R. Lane

CHIEF ENGINEER

to check all fire fighting equipment, 003 given abandon-ship system with ship's air pressure, tested our submersible bilge pumps for 1 hr. Given all following drills, Test & check all safety devices & alarm system. Test our #3 Elec. fire pump for 4 hr. test our diesel aux. Gen. under load, test our #1 & #3 diesel fire pumps. R.L.

7.3	BLRS. #	7
8.18	P.ALK.	8.93
11.10	T.ALK.	13.43
2.9	CHL.	3.3
25	PHOS.	30
	P.H. Cond.	8
20	~~P.H. D.C.~~ 003	30
CHEMICALS ADDED		
4	~~ADJ.~~ M-15	
8	~~G.G.~~ 9M5	
2	~~A.R.C.~~ Magnal	
STEAMING HOURS		
1150	F.S.	1964
1150	W.S.	1964

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544

1st Cal.

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6/5-6/15

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	270	220	220	246
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	4829 7920	4832 1110	4834 2340	4836 3670	4838 5000	4840 8060
TOTAL REVOLUTIONS (FOR WATCH)	23320	23190	21350	21310	21330	23060
AVERAGE RPM	97.2	96.7	96.5	96.9	97.0	96.0
F.O. METER (END OF WATCH)	1556 9910	1557 2850	1557 5510	1557 8230	1558 0480	1558 3920
F.O. CONSUMED	3020	2940	2660	2720	2250	2940
MACHINERY PARTICULARS – PRESSURES – THROTTLE	415	415	415	415	415	415
H.P. AHEAD	415	415	415	415	415	415
L.P. AHEAD	26	26	26	26	26	26
VACUUM	28.4"	28.4	28.4"	28.4"	28.4	28.4"
L.O. TO TURBINES	12.3	12.3	12.3	12.3	12.3	12.3
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	10	10	10	10	10	10
GLAND STEAM	.5	.5	.5	.5	.5	.5
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER	14"	14"	14"	14"	14"	14"
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE	725	725	725	722	720	720
L. P. EXHAUST	94	96	96	94	94	94
CONDENSATE	92	93	93	92	93	93
CIRC. WATER IN	62	63	64	62	63	63
CIRC. WATER OUT	72	73	73	72	73	74
L.O. TO COOLERS	126	126	126	126	127	126
L.O. FROM COOLERS	110	110	110	110	110	110
TEMPERATURE THRUST BEARING	113	113	113	113	113	113
FORWARD H.P. ROTOR BEARING	121	122	122	121	123	120
AFT. H.P. ROTOR BEARING	128	128	128	127	129	128
FORWARD L.P. ROTOR BEARING	130	130	130	129	130	129
AFT. L.P. ROTOR BEARING	128	128	128	127	129	128

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D)	HOTTEST GEAR BEARING FORWARD	150	150	150	150	150	150
	HOTTEST GEAR BEARING AFT	143	143	143	143	143	143
	AUX. COND. CONDENSATE	83	84	84	83	85	85
	1ST STAGE FEED WATER HEATER	165	164	164	165	165	167
	D. C. FEED WATER HEATER	240	240	240	240	240	240
	3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P							
SUPER HEAT S							
F.O. TO BURNERS		140	140	140	140	140	140
AIR TO FURNACE P		107	110	106	105	105	106
AIR TO FURNACE S		105	105	103	104	105	106
F.O. TEMP. IN SETTLING TANKS P		89	86	88	90	84	87
F.O. TEMP. IN SETTLING TANKS S		80	72	73	74	74	75
PORT BOILER UPTAKE		332	325	335	336	344	335
STBD. BOILER UPTAKE		319	312	318	325	332	318
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE							
MAIN STEAM		465	465	465	465	465	465
F.O. TO BURNERS		145	145	145	145	145	145
MISCELLANEOUS – MAIN COND. SALINITY		.41	.2	.41	.41	.2	.41
ENGINE ROOM TEMPERATURE		76	76	75	74	74	75
FIRE ROOM TEMPERATURE		86	86	75	84	84	75
NOZZLES IN USE		18	18	18	18	18	18
NO. OF BURNERS IN USE P		3	3	3	3	3	3
NO. OF BURNERS IN USE S		3	3	3	3	3	3
BURNER TIP SIZE P		51/55	51/55	51/55	51/55	51/55	51/55
BURNER TIP SIZE S		51/55	51/55	51/55	51/55	51/55	51/55
CO_2 % PORT BOILER			13.5%				
CO_2 % STBD. BOILER			13.5%				
OIL LEVEL MAIN SUMP		19"	21"	19"	19"	21"	19"
THRUST H.P.		.060	.060	.060	.060	.060	.060
THRUST L.P.		.145	.140	.160	.145	.140	.160

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	3	1200	415	—	9.5	132	110	—	74	1100	1050	240
	4	1200	415	—	9.6	135	120	—	49	1050	1050	240
1600 TO 2000	3	1200	415		9.5	132	110		74	1050		240
	4	1200	415		9.6	135	119		48	1050		240
2000 TO 2400	3	1200	415		9.5	133	110		74	1000	1000	240
	4	1200	415		9.6	135	120		48	1000	1000	240
2400 TO 0400	3	1200	415	—	9.5	132	110	—	74	1100	1050	240
	4	1200	415	—	9.6	134	119	—	49	1100	1100	240
0400 TO 0800	3	1200	415		9.5	133	110		74	1200		240
	4	1200	415		9.6	135	118		48	1200		240
0800 TO 1200	3	1200	415		9.5	133	110		74	1100	1000	240
	4	1200	415		9.6	134	118		49	1000	1000	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1558 3920	BOILER WATER	ON HAND AT START OF DAY 312
	METER PREVIOUS NOON	[illegible]		EVAPORATED OR RECEIVED 96
	CONSUMED BY METER	17030		ON HAND 360
	ON HAND AT START OF DAY	6871		CONSUMED 48
	RECEIVED DURING DAY	—	LUBE OIL	ON HAND AT START OF DAY 1765
	EXPENDED DURING DAY	761		RECEIVED —
	REMAINING ON BOARD	6110		ON HAND —
DOMESTIC WATER	ON HAND AT START OF DAY	935		CONSUMED —
	EVAPORATED OR RECEIVED	131	DIESEL OIL	ON HAND [illegible]
	ON HAND	1005		RECEIVED —
	CONSUMED	61		CONSUMED —

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

6/[illegible]/23

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	3 2/3	3 2/3	3 2/3	4

SUMMARY

RUNNING TIME	23/1380	PROPELLER SLIP (%)	12.9% [illegible]
DETENTION TIME	—	BBL FUEL/MI	1.741
TOTAL REVOLUTIONS	133460	WIND DIRECTION	315° - 6 kts.
AVERAGE R.P.M.	96.7/97.6	STATE OF SEA	315° - 1
TOTAL MILES BY ENGINE	502	STATE OF WEATHER	O'cast
TOTAL MILES BY OBSERVATION	437		

REMARKS

1200-1600 WATCH

Underway 18 nozz. — Mach. in operation: B-3, B-4, D-3, D-4, G-3, G-4, P-3, P-4, F-3, F-4, E-1, E-2, M-2, A-2, MC-3, AC-2, ME-6, AE-6, FS-3, S-1, L-2, LC-2, C-1, W-4 & BB-2. — Changed & cleaned F.O. disch. strainers & bottom burners & Pumped bilges — Made inspection of all mach. & spaces — Complied with all standing orders & Tested throttle, low L.O. trip, over-spd trip & low L.O. alarm on main unit — Held eng. casualty drill "F.C." (oil fire in the eng. rm bilge), four men present, notified the bridge @ 1230-1300 —

WATCH ENGR'S SIGNATURE- D. L. Wenner

1600-2000 WATCH

Equip in operation as before. Blew tubes on both boilers. Changed & cleaned F.O. burners & strainers. Pumped water from #6 P&S D.B. Pumped bilges. Mach. routine test & inspections. @ 1943 W.T. doors closed from bridge.

WATCH ENGR'S SIGNATURE- J. M. Stark

2000-2400 WATCH

underway on 18 nozzle, changed top burner & cleaned F.O. discharged strainer, chlorine test tank .6 P.P.M. system .5 P.P.M. advanced clock 20 minutes @ 2300, made routine check of all mach. space, pumped out bilge.

WATCH ENGR'S SIGNATURE- [illegible]

2400-0400 WATCH

Underway 18 nozz. — Mach. as before — Changed & cleaned F.O. disch. strainers, bottom burners & main unit L.O. strainer — Made inspection of all mach. & space — Pumped bilges — Complied with all standing & night orders — Advanced clock 20 min. @ 0100

WATCH ENGR'S SIGNATURE- D. L. Wenner

0400-0800 WATCH

Equip in operation as before. Changed & cleaned F.O. burners & strainers. Pumped water from #4 S.D.B. Pumped bilges. @ 0500 Advanced clocks 20 min. Made routine test & inspection.

WATCH ENGR'S SIGNATURE- J. M. Stark

0800-1200 WATCH

underway on 18 nozzle, Blew tube on #3 & #4 boiler @ 0755 to 0830. dirty, changed top burner & cleaned F.O. discharged strainer, chlorine test tank .6 P.P.M. system .3 P.P.M. made routine check of all mach. space, pumped out bilge

WATCH ENGR'S SIGNATURE- [illegible]

CHIEF ENGINEER

#3	BLRS. #	4
1451	P.ALK.	634
14.02	T.ALK.	12.85
3.3	CHL.	3.3
40	PHOS.	30
	P.H. Cond.	8
35	P.H. D.C. SO_3	30
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C	
STEAMING HOURS		
1174	F.S.	1988
1174	W.S.	1988

1 pt Vol.

CHIEF ENGR'S SIGNATURE- W. S. Chamberlain

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Sen. John Pope	12-FT	DaNang Vietnam	San Francisco, Calif	P2-S2-R2	6/6-7/68

		WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		240	240	230	220	220	240
DETENTION TIME							
REVOLUTION COUNTER (END OF WATCH)		4843 1140	4845 4250	4847 5330	4849 6590	4851 7710	4854 0690
TOTAL REVOLUTIONS (FOR WATCH)		23080	23110	21080	21260	21120	22970
AVERAGE RPM		96.2	96.3	95.8	96.6	96.0	95.7
F.O. METER (END OF WATCH)		1558 6890	1558 9930	1559 2590	1559 5190	1559 7730	1560 0550
F.O. CONSUMED		2970	3040	2660	2600	2540	2820
MACHINERY PARTICULARS — PRESSURES	THROTTLE	415	415	420	420	420	420
	H.P. AHEAD	415	415	420	420	420	420
	L.P. AHEAD	26	26	26.5	27.0	27	27
	VACUUM	28.4"	28.4	28.4	28.4"	28.4	29.0"
	L.O. TO TURBINES	12.3	12.3	12.3	12.3	12.3	12.3
	AUX. STEAM	150	150	150	150	150	150
	BACK PRESSURE	10	10	10	10	10	10
	GLAND STEAM	.5	.5	.5	.5	.5	.5
	H.P. BLEEDER						
	I.P. BLEEDER						
	L.P. BLEEDER	15"	15"	15"	14"	14"	14"
MACHINERY PARTICULARS — TEMPERATURES	STEAM AT THROTTLE	725	725	730	732	730	725
	L. P. EXHAUST	95	94	94	94	92	90
	CONDENSATE	93	93	93	92	93	87
	CIRC. WATER IN	63	63	62	61	62	57
	CIRC. WATER OUT	74	74	73	71	72	67
	L.O. TO COOLERS	126	126	126	126	126	126
	L.O. FROM COOLERS	110	110	110	110	110	110
	TEMPERATURE THRUST BEARING	113	113	113	113	112	112
	FORWARD H.P. ROTOR BEARING	121	120	120	121	120	120
	AFT. H.P. ROTOR BEARING	128	128	128	129	128	128
	FORWARD L.P. ROTOR BEARING	129	129	129	129	128	127
	AFT. L.P. ROTOR BEARING	128	128	127	127	127	127

			WATCH					
			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D)	HOTTEST GEAR BEARING FORWARD		150	149	149	150	149	150
	HOTTEST GEAR BEARING AFT		143	142	143	143	143	143
	AUX. COND. CONDENSATE		84	83	85	83	80	76
	1ST STAGE FEED WATER HEATER		163	163	163	162	160	160
	D. C. FEED WATER HEATER		240	240	240	240	240	240
	3RD STAGE FEED WATER HEATER							
BOILER PARTICULARS — TEMPERATURES	SUPER HEAT	P						
		S						
	F.O. TO BURNERS		140	140	140	140	140	140
	AIR TO FURNACE	P	107	105	105	104	104	100
		S	106	105	101	102	102	97
	F.O. TEMP. IN SETTLING TANKS	P	90	84	84	84	85	81
		S	76	72	75	78	71	70
	PORT BOILER UPTAKE		341	324	328	329	326	320
	STBD. BOILER UPTAKE		335	319	318	319	317	313
BOILER PARTICULARS — PRESSURES	F. O. BACK PRESSURE							
	MAIN STEAM		465	465	465	465	465	465
	F.O. TO BURNERS		145	145	135	146	140	135
MISCELLANEOUS	MAIN CONO. SALINITY		.41	.2	.41	.41	.2	.41
	ENGINE ROOM TEMPERATURE		76	75	74	73	72	72
	FIRE ROOM TEMPERATURE		86	84	74	82	82	72
	NOZZLES IN USE		18	18	18	18	18	18
	NO. OF BURNERS IN USE	P	3	3	3	3	3	3
		S	3	3	3	3	3	3
	BURNER TIP SIZE	P	5/55	5/55	5/55	5/55	5/55	5/55
		S	5/55	5/55	5/55	5/55	5/55	5/55
	CO_2 % PORT BOILER			13%				
	CO_2 % STBD. BOILER			13%				
	OIL LEVEL MAIN SUMP		19"	21"	19"	19"	21"	19"
	THRUST	H.P.	.060	.060	.060	.060	.060	.060
		L.P.	.145	.140	.160	.145	.140	.160

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	3	1200	415	—	9.5	133	110	—	74	1050	1000	240
	4	1200	415	—	9.6	134	119	—	49	1050	1050	240
1600 TO 2000	3	1200	415		9.5	132	110		74	1050		240
	4	1200	415		9.6	135	119		48	1050		240
2000 TO 2400	3	1200	420		9.5	133	110		74	1000	1000	240
	4	1200	420		9.6	135	118		48	1000	1000	240
2400 TO 0400	3	1200	420	—	9.5	132	110	TOR	74	1000	1000	240
	4	1200	420	—	9.6	134	118	—	48	1000	1000	240
0400 TO 0800	3	1200	420		9.5	132	110		74	1000		240
	4	1200	420		9.6	134	117		48	1000		240
0800 TO 1200	3	1200	420		9.5	133	110		74	1050	1050	240
	4	1200	420		9.6	133	114		50	1050	1050	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1560 0550	BOILER WATER	ON HAND AT START OF DAY	360
	METER PREVIOUS NOON	1558 3920		EVAPORATED OR RECEIVED	20
	CONSUMED BY METER	16630		ON HAND	338
	ON HAND AT START OF DAY	6110		CONSUMED	42
	RECEIVED DURING DAY	—	LUBE OIL	ON HAND AT START OF DAY	1768
	EXPENDED DURING DAY	752		RECEIVED	✓
	REMAINING ON BOARD	5358		ON HAND	1698
DOMESTIC WATER	ON HAND AT START OF DAY	1005		CONSUMED	70
	EVAPORATED OR RECEIVED	100	DIESEL OIL	ON HAND	2046
	ON HAND	1020		RECEIVED	—
	CONSUMED	85		CONSUMED	—

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

12/32300

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	3 1/3	3 2/3	3 2/3	4

SUMMARY

RUNNING TIME	23/138	PROPELLER SLIP (%)	14.6% pos.
DETENTION TIME	—	BBL FUEL/MI	1.761
TOTAL REVOLUTIONS	132630	WIND DIRECTION	340° - 28 kts.
AVERAGE R.P.M.	96.1/97.2	STATE OF SEA	340° - 5'
TOTAL MILES BY ENGINE	500	STATE OF WEATHER	O'cast.
TOTAL MILES BY OBSERVATION	427		

REMARKS

1200-1600 WATCH

Underway 18 nozz. – Mach. in operation: B-3, B-4, G-3, G-4, P-3, P-4, V-3, V-4, T-3, T-4, M-2, A-2, MC-3, AC-2, MF-6, AF-6, E-1, F-2, FS-3, C-1, W-1, S-1, L-2, LC-2 & BB-2. – Changed & cleaned F.O. disch. strainer & bottom burners – Pumped bilges – Made inspection of all mach. & space – Complied with all standing orders – Tested throttle, low L.O. trip, over-speed trip & low L.O. alarm on main unit – After atm. side piston came off rod on #4 fresh wtr. pump, utility men working on same – Fire drill & abd. @ 1515 – Secured from fire drill @ 1520 – Boat drill @ 1521 – Secured from boat drill & H @ 1524

WATCH ENGR'S SIGNATURE- D. L. Warner

1600-2000 WATCH

Equip. in operation as before. Blew tube on both boilers. Changed & cleaned F.O. burners & strainers. Pumped wtr. from #4 S. & #5 P. D.B. Pumped bilges. Made routine test & inspection. @ 1940 W.T. doors closed from bridge

WATCH ENGR'S SIGNATURE- J. M. Stoll

2000-2400 WATCH

underway on 18 nozzle, changed top burner & cleaned F.O. discharge strainer, chlorine test tank .5 P.P.M. System .3 P.P.M., Sec. #2 L.P. evap. @ 2200, Sec. #1 L.P. evap. @ 2300 Fresh water sect. to #3 P. @ 2215, advance 20 minutes @ 2300, made routine check of all mach. space, pumped out bilge

WATCH ENGR'S SIGNATURE- [illegible]

2400-0400 WATCH

Underway 18 nozz. – Mach. as before – Changed & cleaned F.O. disch. strainer, bottom burners & main unit L.O. strainer – Made inspection of all mach. & space – Pumped bilges – Complied with all standing & night orders – Advanced clocks 20 min @ 0100

WATCH ENGR'S SIGNATURE- D. L. Warner

0400-0800 WATCH

Equip. in operation as before. Changed & cleaned F.O. burners & strainer. Pumped wtr. from #4 S. & #5 P. D.B. Pumped bilges. Made routine test & inspection. Advanced clocks 20 min.

WATCH ENGR'S SIGNATURE- J. M. Stoll

0800-1200 WATCH

underway on 18 nozzle, blew tube on #3 & #4 boiler @ 0755 to 0820 changed top burner & cleaned F.O. discharge strainer, changed F.W. sect. to #3 @ 0745, transferred fore peak to #3 P. @ 0910 & sec. to #3 P., chlorine test tank .5 P.P.M. System .3 P.P.M., made routine check of all mach. space, pumped out bilge

WATCH ENGR'S SIGNATURE- [illegible]

CHIEF ENGINEER

#3	BLRS. #	4
9.93	P.ALK.	9.34
13.43	T.ALK.	12.85
3.31	CHL.	3.31
40	PHOS.	30
	P.H. Cond.	8
35	P.H.-D.C.	30
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C	
STEAMING HOURS		
1198	F.S.	2012
1198	W.S.	2012

1 pt Vol.

CHIEF ENGR'S SIGNATURE- W. S. Chamberlain

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope	12-17	Da Nang, Vietnam	San Francisco, Calif.	P2-S2-R2	6/7-8/68

	WATCH 1200 TO 1800	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0600	0600 TO 1200
RUNNING TIME	240	170				
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	4858 3740	4857 9830				
TOTAL REVOLUTIONS (FOR WATCH)	23050	16090				
AVERAGE RPM	96.0	94.6				
F.O. METER (END OF WATCH)	1560 3390	1560 5810	1560 6240	1560 6660	1560 7080	1560 7530
F.O. CONSUMED	2840	2420	430	420	420	450
MACHINERY PARTICULARS — PRESSURES — THROTTLE	415					
H.P. AHEAD	415					
L.P. AHEAD	26					
VACUUM	28.6"					
L.O. TO TURBINES	12.3					
AUX. STEAM	150		150	150	150	150
BACK PRESSURE	10		10	10	10	10
GLAND STEAM	.5					
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER	15"					
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE (R.P.M.)	90 (725)					
L. P. EXHAUST	88					
CONDENSATE	57					
CIRC. WATER IN	68		63	63	62	63
CIRC. WATER OUT	126		67	63	63	63
L.O. TO COOLERS	116					
L.O. FROM COOLERS	112					
TEMPERATURE THRUST BEARING	120					
FORWARD H.P. ROTOR BEARING	128					
AFT. H.P. ROTOR BEARING	128					
FORWARD L.P. ROTOR BEARING	127					
AFT. L.P. ROTOR BEARING						

Normal

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD	150					
HOTTEST GEAR BEARING AFT	143					
AUX. COND. CONDENSATE	77		98	92	85	93
1ST STAGE FEED WATER HEATER	161		157	157	155	150
O. C. FEED WATER HEATER	240		240	237	235	239
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS	140		140	140	140	140
AIR TO FURNACE P	102		90	90	90	90
AIR TO FURNACE S	98					
F.O. TEMP. IN SETTLING TANKS P	84		80	81	81	82
F.O. TEMP. IN SETTLING TANKS S	74		68	69	62	61
PORT BOILER UPTAKE	329		390	283	278	285
STBD. BOILER UPTAKE	321					
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE						
MAIN STEAM	465		435	440	440	440
F.O. TO BURNERS	130		150	150	150	150
MISCELLANEOUS — MAIN COND. SALINITY	.41		.41	.41	.41	.41
ENGINE ROOM TEMPERATURE	72		70	70	69	73
FIRE ROOM TEMPERATURE	80		70	70	69	73
NOZZLES IN USE	18					
NO. OF BURNERS IN USE P	3		1	1	1	1
NO. OF BURNERS IN USE S	3					
BURNER TIP SIZE P	51/55		51/55	51/55	51/55	51/55
BURNER TIP SIZE S	51/55					
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP	1'9"	1'9"	1'9"			
THRUST H.P. / L.P.	.060 / .145					

Normal

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	3	1200	415	—	9.5	132	110	—	74	1050	1000	240
	4	1200	415	—	9.6	133	114	—	50	1000	1000	240
1600 TO 2000	3	1200	415		9.5	132	110		74	950		240
	4	1200	415		9.6	132	112		51	950		240
2000 TO 2400	3	1200	410		9.5	132	110		73	1250	1250	240
	4	1200	410		9.6	133	118		47	1250	1250	240
2400 TO 0400	3	1200	415		9.5	132	110		74	1200	1200	240
	4	1200	415		9.6	133	118		47	1050	1050	240
0400 TO 0800	3	1200	415		9.5	132	110		74	1200	1200	240
	4	1200	415		9.6	133	118		47	1075	1075	240
0800 TO 1200	3	1200	415		9.5	133	110		74	1200	1200	240
	4	1200	415		9.6	134	118		47	1200	1200	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1560 7530	BOILER WATER	ON HAND AT START OF DAY	338
	METER PREVIOUS NOON	1560 0550		EVAPORATED OR RECEIVED	
	CONSUMED BY METER	6980		ON HAND	328
	ON HAND AT START OF DAY	5358		CONSUMED	10
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	1698
	EXPENDED DURING DAY			RECEIVED	--
	REMARKS Converted to Gals.	6137		ON HAND	1697
DOMESTIC WATER	ON HAND AT START OF DAY	1020		CONSUMED	1
	EVAPORATED OR RECEIVED		DIESEL OIL	ON HAND	2046
	ON HAND	997		RECEIVED	1878
	CONSUMED	23		CONSUMED	168

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4	4	4	4

SUMMARY

RUNNING TIME	6/5/390	PROPELLER SLIP (%)	14.1% Pos.
DETENTION TIME	—	BBL FUEL/MI	1.771
TOTAL REVOLUTIONS	39140	WIND DIRECTION	
AVERAGE R.P.M.	100.3/102	STATE OF SEA	
TOTAL MILES BY ENGINE	148	STATE OF WEATHER	
TOTAL MILES BY OBSERVATION	127		

REMARKS

1200-1600 WATCH

Underway 18 engs. — Mach. as before: B-3, B-4, M-2, A-2, MC-3, AC-2, ME-6, AE-6, G-3, G-4, P-3, P-4, F-3, F-2, D-3, D-4, C-1, FS-3, W-1, S-1, L-2, LC-2, & BB-2. — Changed & cleaned F.O. disch. strainers & F.O. burners — Made inspection of all mach. & spaces — Complied with all standing orders — Tested throttle, low L.O. trip, over-speed trip & low L.O. alarm on main unit — Pumped bilges

WATCH ENGR'S SIGNATURE- W. L. Warner

1600-2000 WATCH

Equip in operation as before. @1600 time check. Blew tubes on both blrs. Pumped up tk. frm. #5-P-D.B. & #6 & Dep tank. @1745 Stn bd MUFE. @1825 W.T. doors closed from bridge. @1830 Ave. Bells & speed changes as per bell book.

WATCH ENGR'S SIGNATURE- J. M. Stark

2000-2400 WATCH

mach. as before, maneuvering ship to Port, Bell as per bell book FWE. @2154 F.O.M. 3-9640610-#4-5965450-O.M.S. P-485860700 STBD-5021450 Transfer fresh water @2020 from #3P to #3C & #3S, Sec. #3C @2130 Transfer Elec. load to after plant @1000, Sec. main stop @1013, jacking gear on @1015, Sec. main air ejector & gland seal @1030, Fresh water suction to #3C @2330, made routine check of all mach. eqpt. & bilges on safe level, #4 F.O.M. @2335-5965620

WATCH ENGR'S SIGNATURE- L. Farel

2400-0400 WATCH

Machinery in operation as before @ 0001 set in port watches.
@ 0100 blew down make up evap. @ 0250 added fuel to #3 boiler.
made routine rounds & inspections of machinery spaces
carried out N/O & S/O.
oilers unable to take reqm'd box temps. as they are locked.

Oiler Van Camp Fwt. Fisher

WATCH ENGR'S SIGNATURE- Edward B. Merritt P/E.

0400-0800 WATCH

Machinery in operation as before, made routine rounds & inspections of machinery spaces, bilges at safe levels carried out N/O & S/O.

Oiler Van Camp Fwt. Fisher

WATCH ENGR'S SIGNATURE- Edward B. Merritt P/E.

0800-1200 WATCH

Machinery in operation as before, routine rounds & inspections of machinery spaces, oiler having trouble getting bilges pumped as air operated valve refuses to respond. carried out S/O & N/O.

Oiler Longacre Fwt. Kopper

WATCH ENGR'S SIGNATURE- Edward B. Merritt P/E.

CHIEF ENGINEER

The inventories of groups 61, 91 + 96 scheduled for the month of June have been completed this date. 6/7/68 W. L. Warner

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

CHIEF ENGR'S SIGNATURE- W. L. Thomkofsin

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope - T AP110	13-A	At HPNS - SF		P2-S2-R2	6/8-9

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)	1560 7960	1560 8360	1560 8760	1560 9160	1560 9550	1560 9990
F.O. CONSUMED	430	400	400	400	390	440
MACHINERY PARTICULARS – PRESSURES: THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	10	10	10	10	10	10
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES: STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN	64	64	64	65	65	64
CIRC. WATER OUT	64	64	64	65	65	64
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D): HOTTEST GEAR BEARING FORWARD							
HOTTEST GEAR BEARING AFT							
AUX. COND. CONDENSATE		93	105	105	92	91	90
1ST STAGE FEED WATER HEATER		150	153	165	167	167	164
D. C. FEED WATER HEATER		236	238	238	240	237	238
3RD STAGE FEED WATER HEATER							
BOILER PARTICULARS – TEMPERATURES: SUPER HEAT	P						
	S						
F.O. TO BURNERS		140	140	140	140	140	140
AIR TO FURNACE	P	89	86	88	90	90	90
	S						
F.O. TEMP. IN SETTLING TANKS	P	82	81	81	81	82	82
	S	71	71	71	72	71	72
PORT BOILER UPTAKE		283	282	282	274	278	287
STBD. BOILER UPTAKE							
BOILER PARTICULARS – PRESSURES: F. O. BACK PRESSURE							
MAIN STEAM		440	440	440	440	440	440
F.O. TO BURNERS		145	150	145	120	120	
MISCELLANEOUS: MAIN COND. SALINITY		.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE		72	69	70	70	70	72
FIRE ROOM TEMPERATURE		72	69	70	70	70	72
NOZZLES IN USE							
NO. OF BURNERS IN USE	P	1	1	1	1	1	1
	S						
BURNER TIP SIZE	P	51/55	51/53	51/53	51/55	51/55	51/55
	S						
CO_2 % PORT BOILER							
CO_2 % STBD. BOILER							
OIL LEVEL MAIN SUMP							

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	3	1200	415		9.5	136	114		73	1200	1150	240
	4	1200	415		9.7	135	120		47	1100	1100	240
1600 TO 2000	3	1200	415		9.5	136	116		73	900	900	240
	4	1100	415		9.6	135	118		46	950	950	240
2000 TO 2400	3	1200	415									
	4	1200	415									240
2400 TO 0400	3	1200	415		9.5	132	110		74	850	850	240
	4	1200	415		9.6	133	117		48	950	950	240
0400 TO 0800	3	1200	415		9.5	134	111		73	950	950	
	4	1200	415		9.6	133	117		48	950	950	240
0800 TO 1200	3	1200	415		9.5	132	110		73	925	925	240
	4	1200	415		9.6	133	117		48	900	900	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	15609990	BOILER WATER: ON HAND AT START OF DAY	338
	METER PREVIOUS NOON	15607530	EVAPORATED OR RECEIVED	
	CONSUMED BY METER	2460	ON HAND	
	ON HAND AT START OF DAY	6137	CONSUMED	
	RECEIVED DURING DAY		LUBE OIL: ON HAND AT START OF DAY	1697
	EXPENDED DURING DAY	59	RECEIVED	
	REMAINING ON BOARD	6078	ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1020	CONSUMED	
	EVAPORATED OR RECEIVED		DIESEL OIL: ON HAND	1878
	ON HAND		RECEIVED	
	CONSUMED		CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	1'-40"				

SUMMARY

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

REMARKS

1200-1600 WATCH

Machinery in operation: #4 Boiler - #4 Main Feed Pump - #4 F.O. Blower - #4 F.O. Service Pump, #3 & 4 SS Generators - Circ. Pumps. (Cond. Pump on Main, #3) #2 F.W. Pump - Sun Pump - Main Circ - H.W. Pump L.O. Purifier - M.E. on Jacking Gear - #2 Elec. L.O. Main Pump - #1, 2, 3 & 4 SS Reefers - M.U. Evap.

Made routine rounds. Inspection of Boiler & spaces

Vented #3 Boiler 1400

Bilges @ safe level

Oiler: Longacre - F/WT Kappes WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

1600-2000 WATCH

Machinery in operation as before

1520 - Secured Jacking Gear, Main L.O. system, Main Circ. & Oil Purifier

Blew down M.U. Evap. Cleaned F.O. Mech Strainer

Bilges pumped down to safe level

Made routine rounds & checks

Oiler: Bella - F/WT Kahn WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2000-2400 WATCH

#3 before

2315 Took #3 Gen. off line - hot oil. Called Mr. Harris

Routine rounds

Bilges @ safe level.

Oiler: Bella - F/WT Kahn WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2400-0400 WATCH

Machinery in operation as upon routine rounds & inspection of machinery spaces, opened oil cooler #3 gen. muddy, cleaned. @ 0100 called #3 SS gen. rechecked cooling water system, located cross over valve between Main & Aux. circ. opened, secured @ 0150 put #3 gen on line @ 0200 Harris 2nd E. off engine room @ 0215 started M.U. fd. evaps. still unable to pump bilges. carried out S/O & N/O

Oiler Van Camp Fwt. Fisher WATCH ENGR'S SIGNATURE- Edward B. Merritt R/E

0400-0800 WATCH

Machinery in operation as upon routine rounds & inspections of machinery spaces, changed & cleaned L.O. strainer #3 & 4 SS generators. Blew down M.U. evaps. removed oiling wicks from spring bearings. still having trouble with bilges, unable at safe levels. carried out S/O & N/O.

Oiler Van Camp Fwt. Fisher WATCH ENGR'S SIGNATURE- Edward B. Merritt R/E.

0800-1200 WATCH

Machinery as upon, routine rounds & inspections of machinery spaces, blew down M.U. evaps, attempted to pump bilges, carried out S/O & N/O.

Oiler Longacre Fwt. Kappes WATCH ENGR'S SIGNATURE- Edward B. Merritt R/E.

CHIEF ENGINEER

#	BLRS. #	
	P.ALK.	
	T.ALK.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H. D.C.	
CHEMICALS ADDED		
	ACI	
	C.C.	
	A.R.C	
STEAMING HOURS		
	F.S.	
	W.S.	

CHIEF ENGR'S SIGNATURE- W. S. Chamberlain

A-35544

USNS	VOYAGE NO.	~~FROM~~ AT	TO	TYPE OF VESSEL	DATE
Gen. John Pope EAPNO	13-A	HPNS SE Col		82-82-82	6-9/10/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)	1561 0420	1561 0800	1561 1270	1561 1740	1561 2110	1561 2590
F.O. CONSUMED	430	380	470	470	470	480
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	10	10	10	10	10	10
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN	65	65	62	64	64	64
Aux Con CIRC. WATER OUT	72	70	68	73	73	70
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD							
HOTTEST GEAR BEARING AFT							
AUX. CONO. CONDENSATE		92	88	86	92	92	87
1ST STAGE FEED WATER HEATER		165	162	160	166	166	165
D. C. FEED WATER HEATER		239	238	238	236	238	237
3RD STAGE FEED WATER HEATER							
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT	P						
	S						
F.O. TO BURNERS		140	140	140	140	140	140
AIR TO FURNACE	P	86	84	80	94	94	106
	S						
F.O. TEMP. IN SETTLING TANKS	P	82	82	81	81	82	83
	S	73	73	71	73	73	73
PORT BOILER UPTAKE		283	288	286	280	284	280
STBD. BOILER UPTAKE							
PRESSURES – F. O. BACK PRESSURE							
MAIN STEAM		440	440	440	440	440	440
F.O. TO BURNERS		130	145	145	145	145	135
MISCELLANEOUS – MAIN COND. SALINITY		.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE		71	68	68	68	68	72
FIRE ROOM TEMPERATURE		71	68	68	68	68	72
NOZZLES IN USE		1					
NO. OF BURNERS IN USE	P	1	1	1	1	1	1
	S						
BURNER TIP SIZE	P	51/55	51/55	51/55	51/55	51/55	51/55
	S						
CO_2 % PORT BOILER							
CO_2 % STBD. BOILER							
OIL LEVEL MAIN SUMP							

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	3	1200	420		9.5	132 ~~110~~	118 ~~132~~		73	1050	1025	240
	4	1200	420		9.6	133 ~~118~~	118 ~~134~~		48	925	900	240
1600 TO 2000	3	1200	420		9.5	132	110		73	1000	950	240
	4	1200	420		9.6	133	117		49	950	950	240
2000 TO 2400	3	1200	420		9.5	132	110		73	1000	950	240
	4	1200	420		9.6	131	115		49	950	950	240
2400 TO 0400	3	1200	420		9.5	131	110		74	1200	1200	240
	4	1200	420		9.6	133	116		49	950	950	240
0400 TO 0800	3	1200	420		9.5	131	110		74	950	950	240
	4	1200	420		9.6	133	117		49	900	900	240
0800 TO 1200	3	1200	420		9.5	132	110		74	950	950	240
	4	1200	420		9.6	133	117		49	950	950	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	15612590	BOILER WATER	ON HAND AT START OF DAY	338
	METER PREVIOUS NOON	15609990		EVAPORATED OR RECEIVED	—
	CONSUMED BY METER	2600		ON HAND	312
	ON HAND AT START OF DAY	6078		CONSUMED	26
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	1697
	EXPENDED DURING DAY	62		RECEIVED	
	REMAINING ON BOARD	6016		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1020		CONSUMED	
	EVAPORATED OR RECEIVED	—	DIESEL OIL	ON HAND	1878
	ON HAND	865		RECEIVED	
	CONSUMED	155		CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200

SUMMARY

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

REMARKS

1200-1600 WATCH

Machinery in operation: #1 Boiler - #4 FD Blower - #4 Main Feed Pump - #4 F.O. Service Pump - #'s 3 & 4 SS T Generators - #3 Main Cond. Pump (on Gen. Condensers) - #2 Fw. Pump - San. Pump - #'s 1 to 4 SS Reefer Comps. - M.V. Evap. - H.W. Circ. Pump.

Blew down M.V. Evap.

Bilges ok

Made routine rounds & inspection

Oiler Longacre - F/WT Kappes WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

1600-2000 WATCH

As before

Made routine rounds & checks

Bilges pumped to safe levels

Cleaned F.O. Disch. Strainer

Oiler: Bella - F/WT Khan WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2000-2400 WATCH

As before

2020 Changed F.O. Suction to Port Settler

Cleaned F.O. Disch. Strainer

Blew down M.V. Feed Evap.

Pumped bilges to safe levels

Made routine rounds & checks

Oiler: Bella - F/WT Khan WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2400-0400 WATCH

Machinery in operation as before, routine rounds & inspections of machinery spaces, blew down M.V. evap. bilges at safe levels, carried out S/O & N/O

Oiler ~~Bodyan~~ Van Camp Fwt. Fisher WATCH ENGR'S SIGNATURE- Edward B. Merrill R/E

0400-0800 WATCH

Machinery in operation as before, routine rounds & inspections of machinery spaces, blew down M.V. evaps. pumped bilges to safe levels, carried out S/O & N/O.

Oiler Van Camp Fwt. Fisher WATCH ENGR'S SIGNATURE- Edward B. Merrill R/E.

0800-1200 WATCH

mach. as before, changed fuel & cleaned F.O. discharge strainer, Blew down make up evap. made routine check of all mach. rounds, bilges - safe level.

WATCH ENGR'S SIGNATURE- [illegible]

CHIEF ENGINEER

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

CHIEF ENGR'S SIGNATURE- W. A. Thompson

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope	12-A	Hunters Point S.F.		DD-942-DE	6/10-11/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)	1561 3010	1561 3420	1561 3820	1561 4260	1561 4680	1561 5720
F.O. CONSUMED	430	410	400	440	420	1040
MACHINERY PARTICULARS — PRESSURES — THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						28"
L.O. TO TURBINES						
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	10	10	10	10	10	10
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS — TEMPERATURES — STEAM AT THROTTLE						
L. P. EXHAUST						166
CONDENSATE						79
CIRC. WATER IN	64	66	64	64	64	68
CIRC. WATER OUT	73	67	70	72	72	68
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) — TEMPERATURES (CONT'D) — HOTTEST GEAR BEARING FORWARD							
HOTTEST GEAR BEARING AFT							
AUX. COND. CONDENSATE		90	90	87	93	92	90
1ST STAGE FEED WATER HEATER		167	165	165	166	166	164
D. C. FEED WATER HEATER		240	240	240	235	236	239
3RD STAGE FEED WATER HEATER							
BOILER PARTICULARS — TEMPERATURES — SUPER HEAT	P						
	S						
F.O. TO BURNERS		140	140	140	140	140	140
AIR TO FURNACE	P		88	90	94	96	96
	S						
F.O. TEMP. IN SETTLING TANKS	P	85	85	84	84	84	86
	S	70	70	69	70	70	71
PORT BOILER UPTAKE		276	281	290	289	283	279
STBD. BOILER UPTAKE							
BOILER PARTICULARS — PRESSURES — F. O. BACK PRESSURE							
MAIN STEAM							
F.O. TO BURNERS			135	140	140	140	150
MISCELLANEOUS — MAIN COND. SALINITY		.41	.41	.41	.41	.41	.41
ENGINE ROOM TEMPERATURE		77	69	68	70	70	78
FIRE ROOM TEMPERATURE		77	69	68	70	70	78
NOZZLES IN USE							
NO. OF BURNERS IN USE	P	1	1	1	1	1	1
	S						
BURNER TIP SIZE	P	51/55	51/55	51/55	51/55	51/55	51/55
	S						
CO_2 % PORT BOILER							
CO_2 % STBD. BOILER							
OIL LEVEL MAIN SUMP							

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	3	1200	420		9.5	133	111		74	950	950	240
	4	1200	420		9.6	134	118		49	950	950	240
1600 TO 2000	3	1200	420		9.5	133	110		74	900	900	240
	4	1200	420		9.6	134	118		49	950	950	240
2000 TO 2400	3	1200	420		9.5	132	110		74	1000	950	240
	4	1200	420		9.6	133	117		49	1000	1000	240
2400 TO 0400	3	1200	420		9.5	131	110		74	1100	1100	240
	4	1200	420		9.6	133	117		49	950	950	240
0400 TO 0800	3	1200	420		9.5	131	110		74	1000	1000	240
	4	1200	420		9.6	133	117		49	1000	1000	240
0800 TO 1200	3	1200	420		9.5	132	110		74	1200	1200	240
	4	1200	420		9.6	134	118		49	1200	1200	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	15615720	BOILER WATER	ON HAND AT START OF DAY	312
	METER PREVIOUS NOON	15612590		EVAPORATED OR RECEIVED	—
	CONSUMED BY METER	3130		ON HAND	319
	ON HAND AT START OF DAY	6016		CONSUMED	—
	RECEIVED DURING DAY	—	LUBE OIL	ON HAND AT START OF DAY	1697
	EXPENDED DURING DAY	88		RECEIVED	
	REMAINING ON BOARD	5928		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	865		CONSUMED	
	EVAPORATED OR RECEIVED	—	DIESEL OIL	ON HAND	1878
	ON HAND	685		RECEIVED	
	CONSUMED	180		CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200

SUMMARY

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

REMARKS

1200-1600 WATCH

mach. in operation as of noon, #4 boiler #4 F.D. blower, #4 Elec. fuel pump. #4 F.O. services pump. #3 & #4 aux. Gen. #3 Elec. fresh water pump. #3 main cond. pump. #3 Elec. fire pump. Hot water circ. pump #3 aux. circ. pump. Transfer fuel oil from #6 Deep tank to outboard settler. Blow down make up evap., made routine check of all mach. spaces, bilge safe level.

WATCH ENGR'S SIGNATURE- R. Lane

1600-2000 WATCH

Machinery in operation as before

Blew down M.U. Evap.

Cleaned F.O. Disch. strainer

Made routine rounds & checks of M-bry & spaces

Bilges pumped to safe levels

Oiler: Bella - F/WT Khan

WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2000-2400 WATCH

As before

Cleaned F.O. Disch. strainer. Blew down MU Evap

Bilges pumped down to safe levels

Made routine rounds & inspection

Oiler: Bella - F/WT Khan

WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2400-0400 WATCH

Machinery in operation as before, routine rounds & inspections of machinery spaces, @ 0130 permission granted to blow tubes #4 boiler. @ 0150 secured from blowing tubes. bilges at safe levels. carried out S/O & N/O

Oiler Von Camp Fwt. Fisher

WATCH ENGR'S SIGNATURE- Edward B. Merritt RE.

0400-0800 WATCH

Machinery as before, routine rounds & inspections of machinery spaces, pumped bilges to safe levels. carried out S/O & N/O.

Oiler Von Camp Fwt. Fisher

WATCH ENGR'S SIGNATURE- Edward B. Merritt RE

0800-1200 WATCH

mach. as before, Start S.C. pump @ 0800, Cut off #3 boiler @ 0815, jacking Gear on @ 0845, Start raising Vac. on main unit @ 0850 Start pumping out aft peak @ 0815 #3 boiler fuel oil meter 9640630 at light off. Sec. air of #3 Boiler @ 1105. Split Elec. load @ 1125 made routine check of all mach. spaces, bilges safe level

WATCH ENGR'S SIGNATURE- R. Lane

CHIEF ENGINEER

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

CHIEF ENGR'S SIGNATURE- W. L. Chamberlain

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope	13-H	Hunters Point, S.F.		P2-S2-R2	6/11-12/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600												
1600 TO 2000												
2000 TO 2400												
2400 TO 0400												
0400 TO 0800												
0800 TO 1200												

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY: 319
	METER PREVIOUS NOON	15615720		EVAPORATED OR RECEIVED
	CONSUMED BY METER			ON HAND
	ON HAND AT START OF DAY	5928		CONSUMED
	RECEIVED DURING DAY	—	LUBE OIL	ON HAND AT START OF DAY: 1697
	EXPENDED DURING DAY	66		RECEIVED
	REMAINING ON BOARD	5862		ON HAND
DOMESTIC WATER	ON HAND AT START OF DAY	685		CONSUMED
	EVAPORATED OR RECEIVED	—	DIESEL OIL	ON HAND: 1878
	ON HAND	607		RECEIVED
	CONSUMED	78		CONSUMED

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200

SUMMARY

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

REMARKS

1200-1600 WATCH
mach. in operation as afternoon #4 boiler #4 F.D. blower, #4 feed pump. #3 & #4 aux. Gen. #3 main cond. #2 aux. circ. pump. #2 main circ. pump. S.R.E. 1340 CTRS. P-48587030 S-50314830 F.O.M. P-5974870 S-9641220. Shifting ship from pier #1 to pier #2 at Lunta point shipyard. F.W.E. @ 1415 CTR. P-48587430-S-50315090 F.O.M. P-5974980 S-9641220 See main stops @ 1417 jacking Gear on @ 1420, all aux. mach. secured. After peak empty @ 1500

WATCH ENGR'S SIGNATURE- [signature]

1600-2000 WATCH
Machinery as before - Jacking Gear, Main Circ. & L.O. system
Bilges @ safe level

WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2000-2400 WATCH
As before
Pumped bilges down to safe level

WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2400-0400 WATCH
Machinery as before
bilges at safe level
Vented #3 & 4 boilers

WATCH ENGR'S SIGNATURE- Edward B. Merritt R/E

0400-0800 WATCH
Machinery as before
bilges at safe levels

WATCH ENGR'S SIGNATURE- Edward B. Merritt R/E

0800-1200 WATCH
Machinery as before except secd Jacking Gear & L.O. Pump, main circ. Pump @ 0815.

WATCH ENGR'S SIGNATURE- F. Harris

CHIEF ENGINEER

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

CHIEF ENGR'S SIGNATURE- W. S. Chamberlain

A-35844

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope	13-A	Hamilton Point, S.F.		P2-SE-R2	6/12-13/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600												
1600 TO 2000												
2000 TO 2400												
2400 TO 0400												
0400 TO 0600												
0800 TO 1200												

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	319
	METER PREVIOUS NOON	1561 5720		EVAPORATED OR RECEIVED	—
	CONSUMED BY METER			ON HAND	329
	ON HAND AT START OF DAY	5862		CONSUMED	—
	RECEIVED DURING DAY	—	LUBE OIL	ON HAND AT START OF DAY	1677
	EXPENDED DURING DAY	60		RECEIVED	—
	REMAINING ON BOARD	5802		ON HAND	—
DOMESTIC WATER	ON HAND AT START OF DAY	607		CONSUMED	—
	EVAPORATED OR RECEIVED	—	OIESEL OIL	ON HAND	1878
	ON HAND	713		RECEIVED	—
	CONSUMED	—		CONSUMED	—

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0600	0800 TO 1200

SUMMARY

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

REMARKS

1200-1600 WATCH Port watch, plant secured.

WATCH ENGR'S SIGNATURE- F. Harris

1600-2000 WATCH
As before, plant secured.
Bilges pumped

WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2000-2400 WATCH
As before
Bilges @ safe level

WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2400-0400 WATCH Machinery as before, bilges at safe levels

WATCH ENGR'S SIGNATURE- Edward B. Burnett R/E

0400-0800 WATCH Machinery as before, bilges at safe levels.

WATCH ENGR'S SIGNATURE- Edward B. Burnett R/E

0800-1200 WATCH Plant secured, crew working as per work list.

WATCH ENGR'S SIGNATURE- F. Harris

CHIEF ENGINEER

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

CHIEF ENGR'S SIGNATURE- W. S. Chamberlain

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope	13-H	Hamilton Port of S.F.		P2-S1-R2	6/13-14/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1500	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600												
1800 TO 2000												
2000 TO 2400												
2400 TO 0400												
0400 TO 0800												
0800 TO 1200												

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	327
	METER PREVIOUS NOON	15615720		EVAPORATED OR RECEIVED	—
	CONSUMED BY METER			ON HAND	329
	ON HAND AT START OF DAY	5802		CONSUMED	—
	RECEIVED DURING DAY	—	LUBE OIL	ON HAND AT START OF DAY	1697
	EXPENDED DURING DAY	57		RECEIVED	
	REMAINING ON BOARD	5745		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	713		CONSUMED	
	EVAPORATED OR RECEIVED	—	DIESEL OIL	ON HAND	1878
	ON HAND	641		RECEIVED	
	CONSUMED	72		CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200

SUMMARY

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

REMARKS

1200-1600 WATCH Plant secured

WATCH ENGR'S SIGNATURE- L. Harris

1600-2000 WATCH
As before
Bilges pumped down to sea level

WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2000-2400 WATCH
As before
Bilges to sea level

WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2400-0400 WATCH Machinery as before
bilges at sea level

WATCH ENGR'S SIGNATURE- Edward B. Merritt R/E

0400-0800 WATCH Machinery as before
bilges at sea level

WATCH ENGR'S SIGNATURE- Edward B. Merritt R/E

0800-1200 WATCH Plant secured Pumped Eng. Room & shaft Alley Bilges Crew water washing #3 & #4 Boilers. Removing Carbon Rings on H.P. Turbine open & cleaning aux condenser #3 & #4.

WATCH ENGR'S SIGNATURE- L. Harris

CHIEF ENGINEER

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

CHIEF ENGR'S SIGNATURE- W. S. Chamberlain

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope	13-A	Honolulu (Pearl H.)		P2-S2-R2	6/14-15/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600												
1600 TO 2000												
2000 TO 2400												
2400 TO 0400												
0400 TO 0800												
0800 TO 1200												

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	329
	METER PREVIOUS NOON	15615720		EVAPORATED OR RECEIVED	
	CONSUMED BY METER			ON HAND	
	ON HAND AT START OF DAY	5745		CONSUMED	
	RECEIVED DURING DAY	–	LUBE OIL	ON HAND AT START OF DAY	1697
	EXPENDED DURING DAY	56		RECEIVED	
	REMAINING ON BOARD	5689		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	641		CONSUMED	
	EVAPORATED OR RECEIVED		DIESEL OIL	ON HAND	1878
	ON HAND			RECEIVED	
	CONSUMED			CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200

SUMMARY

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

REMARKS

1200-1600 WATCH Plant Secured

WATCH ENGR'S SIGNATURE- L. Harris

1600-2000 WATCH
As before
Bilges O.K. safe level

WATCH ENGR'S SIGNATURE- Leon V. Palmer P/E

2000-2400 WATCH
As before
Bilges O.K.

WATCH ENGR'S SIGNATURE- Leon V. Palmer P/E

2400-0400 WATCH Machinery as before
bilges at safe levels.

WATCH ENGR'S SIGNATURE- Elack B. Smith P/E

0400-0800 WATCH Machinery as before
bilges at safe levels

WATCH ENGR'S SIGNATURE- Elack B. Smith P/E

0800-1200 WATCH Machinery as before
bilges at safe levels

WATCH ENGR'S SIGNATURE- Elack B. Smith P/E

CHIEF ENGINEER

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

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope T-AP 110	13-A	Honolulu Pearl, T.H.		P2 S2 R2	6-15/16 68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600												
1600 TO 2000												
2000 TO 2400												
2400 TO 0400												
0400 TO 0800												
0800 TO 1200												

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER – ON HAND AT START OF DAY	329
	METER PREVIOUS NOON	1561572.0	EVAPORATED OR RECEIVED	
	CONSUMED BY METER		ON HAND	
	ON HAND AT START OF DAY	5689	CONSUMED	
	RECEIVED DURING DAY	—	LUBE OIL – ON HAND AT START OF DAY	1697
	EXPENDED DURING DAY	55	RECEIVED	
	REMAINING ON BOARD	5634	ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	641	CONSUMED	
	EVAPORATED OR RECEIVED		DIESEL OIL – ON HAND	1878
	ON HAND		RECEIVED	
	CONSUMED		CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200

SUMMARY

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

REMARKS

1200-1600 WATCH
Plant secured
Bilges ok

WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

1600-2000 WATCH
As before

WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2000-2400 WATCH
As before
Bilges ok

WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2400-0400 WATCH
Machinery as before
bilges at safe levels

WATCH ENGR'S SIGNATURE- Edward B. Smith R/E

0400-0800 WATCH
as before
bilges at safe levels

WATCH ENGR'S SIGNATURE- Edward B. Smith R/E

0800-1200 WATCH
as before
bilges at safe levels

WATCH ENGR'S SIGNATURE- Edward B. Smith R/E

CHIEF ENGINEER

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

CHIEF ENGR'S SIGNATURE- W. S. Chamberlain

A-35544

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope	13-A	Hamilton Sand, N.J.		RO-LS-RO	6/16-17/68

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)						
F.O. CONSUMED						
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM						
BACK PRESSURE						
GLAND STEAM						
H.P. BLEEDER						
I.P. BLEEDER						
L.P. BLEEDER						
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE						
L. P. EXHAUST						
CONDENSATE						
CIRC. WATER IN						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						
AFT. H.P. ROTOR BEARING						
FORWARD L.P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACH. PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT P						
SUPER HEAT S						
F.O. TO BURNERS						
AIR TO FURNACE P						
AIR TO FURNACE S						
F.O. TEMP. IN SETTLING TANKS P						
F.O. TEMP. IN SETTLING TANKS S						
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
BOILER PARTICULARS – PRESSURES – F. O. BACK PRESSURE						
MAIN STEAM						
F.O. TO BURNERS						
MISCELLANEOUS – MAIN COND. SALINITY						
ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE P						
NO. OF BURNERS IN USE S						
BURNER TIP SIZE P						
BURNER TIP SIZE S						
CO_2 % PORT BOILER						
CO_2 % STBD. BOILER						
OIL LEVEL MAIN SUMP						

GENERATORS

WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600												
1600 TO 2000												
2000 TO 2400												
2400 TO 0400												
0400 TO 0800												
0800 TO 1200												

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY: 329
	METER PREVIOUS NOON	1561572D		EVAPORATED OR RECEIVED: —
	CONSUMED BY METER			ON HAND: 349
	ON HAND AT START OF DAY	5634		CONSUMED: —
	RECEIVED DURING DAY	—	LUBE OIL	ON HAND AT START OF DAY: 1697
	EXPENDED DURING DAY	55		RECEIVED: —
	REMAINING ON BOARD	5579		ON HAND: —
DOMESTIC WATER	ON HAND AT START OF DAY	641		CONSUMED: —
	EVAPORATED OR RECEIVED	—	DIESEL OIL	ON HAND: 1878
	ON HAND	570		RECEIVED: —
	CONSUMED	71		CONSUMED: —

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200

SUMMARY

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

REMARKS

1200-1600 WATCH
Plant secured
Bilges Co. safe level

WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

1600-2000 WATCH
As before
Bilges OK

WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2000-2400 WATCH
As before
Bilges OK

WATCH ENGR'S SIGNATURE- Leon V. Palmer R/E

2400-0400 WATCH
Machinery as before. Bilges at safe levels

WATCH ENGR'S SIGNATURE- Edward B. Merritt R/E

0400-0800 WATCH
Machinery as before, bilges at safe levels

WATCH ENGR'S SIGNATURE- Edward B. Merritt R/E

0800-1200 WATCH
Plant secured. Crab water washing #3 + #4 Boilers Fire Boxes. Removing carbon Rings H.P. Turbine. Plunger repaired leak in Hot water Tank.

WATCH ENGR'S SIGNATURE- L. Harris

CHIEF ENGINEER

#	BLRS. #
	P.ALK.
	T.ALK.
	CHL.
	PHOS.
	P.H. Cond.
	P.H.-D.C.
CHEMICALS ADDED	
	ADD.
	C.O.
	A.R.C
STEAMING HOURS	
	F.S.
	W.S.

CHIEF ENGR'S SIGNATURE- [illegible]

A-35544