

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE							
GEN. POPE TAP 110		2		YOKOHAMA		HONOLULU		P2 S2 R2		2-18/19-66							
		WATCH							WATCH								
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		
RUNNING TIME		240	240	240	220	220	240	MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING	138	135	135	137	135	135		
DETENTION TIME									FORWARD L. P. ROTOR BEARING	125	122	122	128	125	125		
REVOLUTION COUNTER (END OF WATCH)		7276 6210	7278 8780	7280 9360	7282 9830	50800	7287 2510		AFT. L. P. ROTOR BEARING	129	127	127	129	127	127		
TOTAL REVOLUTIONS (FOR WATCH)		22600	22570	20580	20470	29800	22310		HOTTEST GEAR BEARING FORWARD	145	145	145	145	144	144		
AVERAGE RPM		94.2	94.0	93.5	93.0		92.9		HOTTEST GEAR BEARING AFT	150	148	148	150	147	147		
F.O. METER (END OF WATCH)		207 8190	79420	2080 540	81640	82150	2083 940		AUX. COND. CONDENSATE	95	93	97	97	95	97		
F.O. CONSUMED		2360	2460	2240	2200	2220	2380		1ST STAGE FEED WATER HEATER	159	158	160	159	159	160		
									D. C. FEED WATER HEATER	241	240	240	239	240	242		
									3RD STAGE FEED WATER HEATER								
									F.O. TO BURNERS	150	150	150	150	150	150		
MACHINERY PARTICULARS	PRESSURES	THROTTLE	440	440	440	440	440	440	BOILER PARTICULARS	TEMPERATURES	F. O. BACK PRESSURE						
		H. P. AHEAD	425	425	425	425	425	425			AIR TO FURNACE	122	121	121	122	120	124
		L. P. AHEAD	21	21	21	22	22	22			UPTAKE	P 310 S 250	305 245	305 240	315 250	320	310 240
		VACUUM	29"	29	29"	29"	29	29"			MAIN STEAM	700	705	710	705	710	700
		L.O. TO TURBINES	13	12.5	11.5	13	13	13			SUPER HEAT	P 715 S 620	710 610	710 620	730 615	735	715 620
		AUX. STEAM	150	150	150	150	150	150			F.O. TO BURNERS	160	160	160	160	160	160
		BACK PRESSURE	9	9	9	9	9	9			F.O. TEMP. IN SETTling TANKS	P 104 S 82	108 100	85 90	104 99	110 106	95 105
		GLAND STEAM	-	-	-	-	-	-			PORT BOILER UPTAKE					6.8	
		H. P. BLEEDER	-	-	-	-	-	-			STBD. BOILER UPTAKE					5.8	
		I. P. BLEEDER	7	6	7	7	7	7			ENGINE ROOM TEMPERATURE						
L. P. BLEEDER	11	11	10	10	10	10	FIRE ROOM TEMPERATURE										
MACHINERY PARTICULARS	TEMPERATURES	STEAM AT THROTTLE	675	680	680	680		680	MISCELLANEOUS	NOZZLES IN USE	16	16	16	16	16	16	
		L. P. EXHAUST	98	98	101	100	99	102		NO. OF BURNERS IN USE	6	6	6	6	6	6	
		CONDENSATE	95	93	97	97	95	97		BURNER TIP SIZE	5370	5370	5370	5370	5370	5370	
		CIRC. WATER IN	70	68	70	72	70	71		CO2 % PORT BOILER							
		CIRC. WATER OUT	80	79	83	82	82	83		CO2 % STBD. BOILER							
		L.O. TO COOLERS	124	126	126	125	126	126		OIL LEVEL MAIN SUMP	NORM	N	N	NORM	N	N	
		L.O. FROM COOLERS	110	110	110	110	110	110									
		TEMPERATURE THRUST BEARING	115	116	116	116	116	116									
FORWARD H. P. ROTOR BEARING		120	120	120	121	120	120										

GENERATORS												FUEL - WATER AND LUBE OIL					
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	FUEL OIL	WATER	LUBE OIL	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND
1200 TO 1600	1	1200	440		9	119	110		63	800	800	METER AT NOON					
												METER PREVIOUS NOON					
												CONSUMED BY METER	13860				
												ON HAND AT START OF DAY	8801				
												RECEIVED DURING DAY					
												EXPENDED DURING DAY	330/319				
												REMAINING ON BOARD	8202				
1600 TO 2000	2	1200	440		7	138	126		69	800	800	ON HAND AT START OF DAY					
												EVAPORATED OR RECEIVED					
												ON HAND					
												CONSUMED					
2000 TO 2400	1	1200	440		9	120	110		63	950	950	RECEIVED DURING DAY					
												EXPENDED DURING DAY					
												REMAINING ON BOARD					
2400 TO 0400	2	1200	440		7	136	124		70	750	750	ON HAND AT START OF DAY					
												EVAPORATED OR RECEIVED					
												ON HAND					
												CONSUMED					
0400 TO 0800	1	1200	440		9	120	110		63	850	850	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)					
												L.O. CENTRIFUGE - HOURS OPERATED					
												1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
												3	4	3 2/3	3 2/3		4
0800 TO 1200	2	1200	440		7	139	127		69	850	850	SUMMARY					
												RUNNING TIME	23425		PERCENT OF SLIP		
												DETENTION TIME			BBL FUEL/MI		
												TOTAL REVOLUTIONS	12891		WIND DIRECTION		
												AVERAGE R.P.M.	93.4		STATE OF SEA		
												TOTAL MILES BY ENGINE	2681		STATE OF WEATHER		
												TOTAL MILES BY OBSERVATION	385				

REMARKS

1200-1600 WATCH

UNDERWAY 16 NOZZLES - MACH'X IN OPERATION - #1 & #2 BOILERS & F.D. FANS - #1 & #2 D.C. GENS -
 1/2 & AUX. AIR EJECTORS - #1 & #2 M.V. F.D. PUMPS - #2 F.O. SERVICE PUMP - 1/2 & AUX. CIRC. PUMPS -
 #1 & #2 M.V. COND. PUMPS - L.O. SERVICE PUMP - L.O. PURIFIER - F.W. PUMP - M.V. AIR COMP. - PORT STEERING
 MOTOR / CLEANED L.O. PURIFIER BACK ON SUMP TO SUMP - FIRE & BOAT DRILL @ 1515
 STBY @ 1515 44 @ 1533

HP & L.P. END DAY 010

1600-2000 WATCH

UNDERWAY AS BEFORE

BLEW TUBES P/S BOILERS

COMPLIED W/DEPT ORDERS

ROUTINE WATCH

WATCH ENGR'S SIGNATURE-

William W. Leggett

2000-2400 WATCH

As Before, except; changed & cleaned Fuel oil Hot Strainers & Burners - Set clock
 ahead 20 minutes @ 2300 - Pumped fog. Space Bilges - changed to Inboard
 Settles @ 2330 -

WATCH ENGR'S SIGNATURE-

C. W. Frey

2400-0400 WATCH

SAME AS BEFORE

COMPLIED WITH NITE ORDERS

ROUTINE WATCH

WATCH ENGR'S SIGNATURE-

M. Fox

0400-0800 WATCH

AS BEFORE

~~RETARDED~~ ADVANCED CLOCK 20 MIN @ 0500

WATCH ENGR'S SIGNATURE-

William W. Leggett

0800-1200 WATCH

Machinery as Before, except; Blew Tubes #1 & #2 Boilers 0800-0815 changed &
 cleaned Fuel oil Hot Strainers & Burners - changed to Outboard Settles @ 1130 -
 Pumped fog. Space Bilges -

WATCH ENGR'S SIGNATURE-

C. W. Frey

WATCH ENGR'S SIGNATURE-

M. Fox

CHIEF ENGINEER

19 PORT 5700

PA 876 584

TA 1110 876

CH 2.90 207

PO 25 25

SA 30 30

SH 1856 1824

CHIEF ENGR'S SIGNATURE-

M. Fox

REMARKS

1200-1600 WATCH

UNDERWAY 16 NOZZLES - MACH'Y IN OPERATION - #1 & #2 BOILERS & F.D. FANS - #1 & #2 D.C. GEN'S -
 #2 F.O. SERVICE PUMP - #1 & #2 M.V. FD. PUMPS - M.V. & AUX. CIRC. PUMPS - #1 & #2 M.V. FD. PUMPS - M.V. &
 AUX. AIR EJECTORS - L.O. SERVICE PUMP - L.O. PURIFIER - M.V. AIR COMP. - F.W. PUMP - PORT STEERING MOTOR.
 ROUTINE TESTS & INSPECTIONS.

N.P. & L.P. CLEARANCE - 010

1600-2000 WATCH

UNDERWAY AS BEFORE

BLEW TUBES P/S BOILERS

Added 3 GAL. L.O. To #1 Fd. Pump

ROUTINE WATCH

WATCH ENGR'S SIGNATURE -

William W. Leggett

2000-2400 WATCH

As Before, Except; changed & cleaned Fuel oil Ht Strainers & Burners - changed to
 Inboard Settler @ 2330 - Pumped fmg. Space Bilges -

WATCH ENGR'S SIGNATURE -

C. J. Frey

2400-0400 WATCH

SAME AS BEFORE

COMPLIED WITH NITE ORDERS

ROUTINE WATCH

WATCH ENGR'S SIGNATURE -

M. Fox

0400-0800 WATCH

AS BEFORE:

WATCH ENGR'S SIGNATURE -

William W. Leggett

0800-1200 WATCH

As Before, Except; changed & cleaned Fuel oil Ht Strainers & Burners -
 changed & cleaned Generator Lube oil Strainers - changed to outboard Settler @
 Pumped fmg. Space Bilges - Blew Tubes #1 & #2 Boilers - 0800-0815 -

WATCH ENGR'S SIGNATURE -

C. J. Frey

WATCH ENGR'S SIGNATURE -

M. Fox

CHIEF ENGINEER

20	PORT	STBD
PA	8.76	7.01
TA	11.68	9.93
CH	2.90	2.07
PO ⁴	30	30
SO ³	30	30
SH	1880	1848

CHIEF ENGR'S SIGNATURE -

McJohnson

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE						
GEN. POPE TAP 110		2		YOKOHAMA		HONOLULU		P.S.R.		2-20/21-66						
		WATCH								WATCH						
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
RUNNING TIME		240	240	220	220	220	140	MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING	137	135	135	138	135	138
DETENTION TIME										FORWARD L. P. ROTOR BEARING	121	118	118	123	118	118
REVOLUTION COUNTER (END OF WATCH)		7302 9900	52650	7307 3640	7309 4700	15650	7313 8690			AFT. L. P. ROTOR BEARING	128	127	129	128	127	127
TOTAL REVOLUTIONS (FOR WATCH)		22800	22750	20990	21060	20950	23040			HOTTEST GEAR BEARING FORWARD	145	143	143	145	144	144
AVERAGE RPM		95.0	94.8	95.4	95.7	95.2	96.			HOTTEST GEAR BEARING AFT	150	147	147	150	147	147
F.O. METER (END OF WATCH)		209 2430	93640	2094 768	95890	97010	2098 270			AUX. COND. CONDENSATE	100	98	100	100	99	101
F.O. CONSUMED		2440	2420	2240	2260	2240	2520			1ST STAGE FEED WATER HEATER	163	159	161	161	160	160
MACHINERY PARTICULARS	PRESSURES	THROTTLE	440	440	440	450	440	440	TEMPERATURES	D. C. FEED WATER HEATER	240	240	240	241	240	240
		H.P. AHEAD	425	425	425	435	425	415		3RD STAGE FEED WATER HEATER						
		L.P. AHEAD	22	22	22	23	22	21		F.O. TO BURNERS	150	150	150	150	150	150
		VACUUM	29"	29	29"	29"	29	29"		F.O. BACK PRESSURE						
		L.O. TO TURBINES	13	13	13	13	13	13		AIR TO FURNACE	124	120	124	123	123	124
		AUX. STEAM	150	150	150	150	150	150		UPTAKE	P 310 S 250	305	305 240	315 250	315 240	310 240
		BACK PRESSURE	9	9	9	9	9	9		MAIN STEAM	710	710	695	705	705	695
		GLAND STEAM	-	0	-	0				SUPER HEAT	P 735 Tamps 620	735	710 610	730 615	730	720 615
		H.P. BLEEDER	70	70	70	70	70	70		F.O. TO BURNERS	155	160	160	160	160	160
		I.P. BLEEDER	7	7	7	7	7	7		F.O. TEMP. IN P SETTLING TANKS S	99 80	104 96	104 96	104 96	110 108	85 100
TEMPERATURES	PRESSURES	L.P. BLEEDER	11	11	11	11	11	11	BOILER PARTICULARS (CONT'D)	PORT BOILER UPTAKE		6.4	6.2		6.2	5.6
		STEAM AT THROTTLE	680	680	670	675	675	670		STBD. BOILER UPTAKE		5.2	5.2		5.5	5.4
		L.P. EXHAUST	102	104	104	103	103	104		ENGINE ROOM TEMPERATURE						
		CONDENSATE	100	98	100	100	99	101		FIRE ROOM TEMPERATURE						
		CIRC. WATER IN	75	75	75	75	75	75		NOZZLES IN USE	16	16	16	16	16	16
		CIRC. WATER OUT	86	86	87	85	85	87		NO. OF BURNERS IN USE	6	6	6	6	6	6
		L.O. TO COOLERS	125	126	126	125	126	127		BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
		L.O. FROM COOLERS	110	110	110	110	110	110		CO ₂ % PORT BOILER						
		TEMPERATURE THRUST BEARING	115	116	116	115	115	115		CO ₂ % STBD. BOILER						
		FORWARD H.P. ROTOR BEARING	120	119	119	121	119	119		OIL LEVEL MAIN SUMP	N	N	N	N	N	N

WATCH	GENERATORS												FUEL - WATER AND LUBE OIL					
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL		BOILER WATER		LUBE OIL	
1200 TO 1600	1	1200	440		9	120	110		63	850	850	240	METER AT NOON			ON HAND AT START OF DAY		
													METER PREVIOUS NOON			EVAPORATED OR RECEIVED		
													CONSUMED BY METER	14120		ON HAND		
													ON HAND AT START OF DAY	7522		CONSUMED		
													RECEIVED DURING DAY			ON HAND AT START OF DAY		
													EXPENDED DURING DAY	336353		RECEIVED		
													REMAINING ON BOARD	6853		ON HAND		
1600 TO 2000	1	1200	440		9	120	110		63	850	850	240	ON HAND AT START OF DAY			CONSUMED		
													EVAPORATED OR RECEIVED					
													ON HAND					
	2	1200	440		7	138	128		69	850	850	240	CONSUMED					
2000 TO 2400	1	1200	440		9	120	110		63	850	850	240	LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)					
													L.O. CENTRIFUGE - HOURS OPERATED					
	2	1200	440		7	138	128		70	850	850	240	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
2400 TO 0400	1	1200	440		9	120	110		63	800	800	240	4	4	3 2/3	3 2/3	3 2/3	4
													SUMMARY					
	2	1200	440		7	140	128		69	800	800	240	RUNNING TIME	23420	PERCENT OF SLIP			
0400 TO 0800	1	1200	440		9	120	110		63	900	900	240	DETENTION TIME		BBL FUEL/MI			
													TOTAL REVOLUTIONS	2359	WIND DIRECTION			
	2	1200	440		7	139	128		69	900	900	240	AVERAGE R.P.M.	95.36	STATE OF SEA			
0800 TO 1200	1	1200	440		9	120	110		63	850	850	240	TOTAL MILES BY ENGINE	491	STATE OF WEATHER			
													TOTAL MILES BY OBSERVATION					
	2	1200	440		7	139	128		70	850	850	240						

REMARKS

1200-1600 WATCH

UNDERWAY 16 NOZZLES - MACHINERY IN OPERATION - #1 & #2 BOILERS & F.D. FANS - #1 & #2 D.C. GENS -
 #1 & #2 M.W. F.D. PUMPS - #2 F.O. SERVICE PUMP - M.W. & AUX. AIR EJECTORS - M.W. & AUX. CIRC. PUMPS - #1 & #2
 M.W. COND. PUMPS - AIR COMP. - L.O. SERVICE PUMP - L.O. PURIFIER - F.W. PUMP - PORT STEERING MOTOR -
 1ST ASST ENG. PUT #1 M.W. F.D. PUMP ON AUTOMATIC @ 1500. - ROUTINE TESTS & INSPECTIONS

HP & LP CLEARANCES - 910 END PLAY

1600-2000 WATCH

AS BEFORE:

WATCH ENGR'S SIGNATURE -

William W. Leggett

BLEW TUBES P/S BOILERS

COMPLIED W/DEPT ORDERS:

ROUTINE WATCH

WATCH ENGR'S SIGNATURE -

C. W. Frey

2000-2400 WATCH

As Before, except; advanced clock 10 minutes @ 2300 - changed to Inboard
 Settler @ 2330 - Pumped Eng. Space Bilges

WATCH ENGR'S SIGNATURE -

M. Fox

2400-0400 WATCH

SAME AS BEFORE

COMPLIED WITH NITE ORDERS

ROUTINE INSPECTIONS OF MACHINERY & OUTSIDE SPACES.

WATCH ENGR'S SIGNATURE -

William W. Leggett

0400-0800 WATCH

AS BEFORE

WATCH ENGR'S SIGNATURE -

C. W. Frey

0800-1200 WATCH

Machinery As Before, except; changed & cleaned Fuel oil Hot Strainers &
 Burners & Generator Lube Oil Strainers - Blew Tubes #1 & #2 Boilers

0800-0830 - Steering Casualty Drill, S.B.E. @ 1015 LH @ 1022

changed to Outboard Settler @ 1130 - Pumped Eng. Space Bilges

WATCH ENGR'S SIGNATURE -

M. Fox

CHIEF ENGINEER

PA	876	8.18
TA	1168	11.10
CH	290	290
PO ⁴	30	30
SO ³	25	30
SH	1904	1872

CHIEF ENGR'S SIGNATURE -

W. E. Johnson

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE					
GEN. POPP TAP110		2		Yokohama		Honolulu		P2 S2 R2		2-21/2266					
		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		240	240	110	220	220	240	MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING	137	137	137	138	136	136
DETENTION TIME									FORWARD L. P. ROTOR BEARING	123	119	119	122	119	119
REVOLUTION COUNTER (END OF WATCH)		7316 1590	84440	7320 5510	7322 6500	41500 41500	7327 8490		AFT. L. P. ROTOR BEARING	128	127	127	128	127	127
TOTAL REVOLUTIONS (FOR WATCH)		22900	22850	21070	20990	21000	22990		HOTTEST GEAR BEARING FORWARD	145	145	145	146	145	145
AVERAGE RPM		95.4	95.2	95.7	95.4	95.5	95.7		HOTTEST GEAR BEARING AFT	151	148	148	152	148	148
F.O. METER (END OF WATCH)		209 9540	00780	2101 910	03040	04180	2105 420		AUX. COND. CONDENSATE	102	102	103	102	102	104
F.O. CONSUMED		2540	2480	2260	2260	2280	2480		1ST STAGE FEED WATER HEATER	163	160	159	161	160	162
									D. C. FEED WATER HEATER	240	240	240	239	242	241
									3RD STAGE FEED WATER HEATER						
MACHINERY PARTICULARS	THROTTLE	440	440	440	440	440	440	BOILER PARTICULARS	F.O. TO BURNERS	150	150	150	150	150	150
	H.P. AHEAD	425	425	425	425	425	425		F. O. BACK PRESSURE						
	L.P. AHEAD	22	22	22	22	22	22		AIR TO FURNACE	126	122	124	124	124	126
	VACUUM	29"	29"	29"	29"	29"	28.8"		UPTAKE	P 305 S 255	305 255	305 240	310 255	313 250	315 250
	L.O. TO TURBINES	13	13	13	13	13	13		MAIN STEAM	705	700	700	700	690	690
	AUX. STEAM	150	150	150	150	150	150		SUPER HEAT	P 730 T 625	730 625	720 620	725 625	710 620	715 625
	BACK PRESSURE	9	9	9	9	9	9		F.O. TO BURNERS	165	155	160	160	155	160
	GLAND STEAM		0			0			F.O. TEMP. IN P SETTLING TANKS S	P 91 S 84	104 102	102 95	102 98	104 106	84 96
	H.P. BLEEDER	70	70	70	70	70	70		PORT BOILER UPTAKE		5.5	5.8		5.5	5.8
	L.P. BLEEDER	11	11	11	11	10	10		STBD. BOILER UPTAKE		5.0	5.2		5.5	5.4
MACHINERY PARTICULARS	STEAM AT THROTTLE	675	670	670	670	660	665	MISCELLANEOUS	ENGINE ROOM TEMPERATURE						
	L.P. EXHAUST	104	105	105	105	105	109		FIRE ROOM TEMPERATURE						
	CONDENSATE	102	102	103	102	102	104		NOZZLES IN USE	16	16	16	16	16	16
	CIRC. WATER IN	76	76	75	77	77	78		NO. OF BURNERS IN USE	6	6	6	6	6	6
	CIRC. WATER OUT	87	88	87	88	89	89		BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
	L.O. TO COOLERS	125	127	127	126	127	127		CO ₂ % PORT BOILER						
	L.O. FROM COOLERS	110	110	110	110	110	110		CO ₂ % STBD. BOILER						
	TEMPERATURE THRUST BEARING	115	116	116	116	117	117		OIL LEVEL MAIN SUMP	Normal	N	N	N	N	N
	FORWARD H.P. ROTOR BEARING	120	120	120	122	120	120								

GENERATORS													FUEL - WATER AND LUBE OIL					
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL		BOILER WATER	LUBE OIL		
													METER AT NOON			ON HAND AT START OF DAY		
													METER PREVIOUS NOON			EVAPORATED OR RECEIVED		
													CONSUMED BY METER	143		ON HAND		
													ON HAND AT START OF DAY	6853		CONSUMED		
													RECEIVED DURING DAY			ON HAND AT START OF DAY		
													EXPENDED DURING DAY	34631		RECEIVED		
													REMAINING ON BOARD	6182		ON HAND		
													ON HAND AT START OF DAY			CONSUMED		
													EVAPORATED OR RECEIVED					
													ON HAND					
													CONSUMED					
DOMESTIC WATER																		
													ON HAND AT START OF DAY					
													EVAPORATED OR RECEIVED					
													ON HAND					
													CONSUMED					
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)																		
L.O. CENTRIFUGE - HOURS OPERATED																		
													1200 TO 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	234.35		PERCENT OF SLIP		
													DETENTION TIME			BBL FUEL/MI		
													TOTAL REVOLUTIONS	13180		WIND DIRECTION		
													AVERAGE R.P.M.	95.7		STATE OF SEA		
													TOTAL MILES BY ENGINE	492		STATE OF WEATHER		
													TOTAL MILES BY OBSERVATION	418				

REMARKS

1200-1600 WATCH

UNDERWAY 16 NOZZLES - MACH 4 IN OPERATION - #1 & #2 BLOS & F.D. FANS - #1 & #2 D.C. GENS -
 M & Aux Air EXTRACT - #1 & #2 M & COND PUMPS - #1 & #2 M & FD PUMPS - #2 F.O. SERVICE PUMP - M & Aux COMP -
 FW PUMP - M & Aux Circ PUMPS - L.O. SERVICE PUMP - L.O. PUMPER - PORT STEERING MOTOR -
 STEERING CASUALTY DRILL & STBY @ 1515. - SECURED FROM DRILL 44 @ 1520.
 ROUTINE INSPECTION OF MACH & OUTSIDE SPACES.

HP & L.P. END DAY-010

WATCH ENGR'S SIGNATURE-

William W. Leggett

1600-2000 WATCH

UNDERWAY AS BEFORE; STEERING CAS. DRILL & STBY @ 1600; DRILL SEC. 44 1607:
 BLEW TUBE P/S BOILERS
 COMPLIED W/DEPT ORDERS
 ROUTINE WATCH

WATCH ENGR'S SIGNATURE-

CW Frey

2000-2400 WATCH

As Before, except; Set clock ahead 20 minutes @ 2300 - Added 5th tube
 oil #4 main feed pump - changed to Inboard Settler @ 2330 - Pumped Eng. Spaces
 Bilges -

WATCH ENGR'S SIGNATURE-

M. Fox

2400-0400 WATCH

SAME AS BEFORE
 COMPLIED WITH NITE ORDERS
 ROUTINE WATCH

WATCH ENGR'S SIGNATURE-

William W. Leggett

0400-0800 WATCH

AS BEFORE
 ADVANCED CLOCK 20 MIN @ 0500:
 ROUTINE WATCH

WATCH ENGR'S SIGNATURE-

CW Frey

0800-1200 WATCH

Machinery as Before, except; Blew Tubes #1 & #2 Boilers 0800-0830 - changed &
 cleaned Fuel oil Hot Strainers & Burners & Generator Lube oil Strainers -
 changed to Outboard Settler @ 1130 - Pumped Eng. Spaces Bilges -

WATCH ENGR'S SIGNATURE-

M. Fox

CHIEF ENGINEER

	PORT	STBD
PA	8.76	7.59
TA	11.68	10.51
CH	14.14	2.49
PO ⁴	30	30
SO ³	25	25
SH	1928	1896

CHIEF ENGR'S SIGNATURE-

M. Fox

REMARKS

1200-1600 WATCH

MACH 4 IN OPERATION - #1 & #2 BLES & FDFANS - #1 & #2 DC GEN - #1 & #2 14NFD Pumps - #2 F.O. Pump -
 #1 & #2 MN COND Pumps - MN & Aux Circ Pumps & Air EJECTORS - Air Comp - L.O. Pump - L.O. Purifier - F.W. Pump -
 Port STEERING MODE / ARRIVAL @ 1450 50 RPM B/O BRIDGE @ 1540 - 60 RPM @ 1510
 FOM. 2106370 CTR - 73288740 - BAUS AS PER BALL BOOK - CHANGED FROM LO TO HI SUCT.

WATCH ENGR'S SIGNATURE-

William W. Suggs

1600-2000 WATCH

AS BEFORE EXCEPT FWE & STEERING GEAR SEC @ 1655; JACKING GEAR ENGAGED
 TACH 73293240; F.O.M-S 2106560; SHAFT CTR 81209550;
 ROUTINE PORT WATCH;

WATCH ENGR'S SIGNATURE-

C. W. Fry

2000-2400 WATCH

As Before, Except, Bunkering Ship From Dock -
 Bilge @ Safe Level - Added 3 Gal. Lube oil #1 & #2 Feed Pumps -

WATCH ENGR'S SIGNATURE-

M. Fox

2400-0400 WATCH

As Before EXCEPT - CHANGED MHE TO #13 - BUNKERING SECURED @ 0300 -
 COMPLIED WITH NITE ORDERS

#1P-1.0+ #15-041 GPG.

WATCH ENGR'S SIGNATURE-

William W. Suggs

JR-MILLHORN OILER-DIES FWT-ROBBER

0400-0800 WATCH

AS BEFORE EXCEPT SECURED L.O. PURIFIER.
 ROUTINE PORT WATCH

WATCH ENGR'S SIGNATURE-

William W. Suggs

Same WATCH PERSONNEL

0800-1200 WATCH

TESTED Telegraph & set clocks @ 07:07 SCREW CLEARANCE FROM BRIDGE
 @ 0815 JACKING GEAR DISENGAGED & RAISING MN UNIT @ 0830: STBY 0843 BELLS AS
 PER BELL BOOK: FIVE 1052: TACH 73293640 FOM-S 2107330 @ STBY;
 TACH 73297685, F.O.M-S 2107570 @ FWE; VAC BROKEN ON MN UNIT;
 PLANT SECURED @ 1155;

WATCH ENGR'S SIGNATURE-

C. W. Fry

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE-

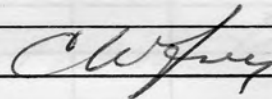
[illegible]

REMARKS

1200-1600 WATCH

PLANT SECURED
MAINTENANCE PERFORMED AS PER WORK BOOK

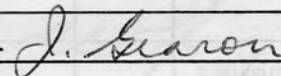
WATCH ENGR'S SIGNATURE-



1600-2000 WATCH

Plant Sec.

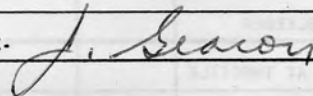
WATCH ENGR'S SIGNATURE-



2000-2400 WATCH

Plant Sec. Bilges at safe level

WATCH ENGR'S SIGNATURE-



2400-0400 WATCH

WATCH ENGR'S SIGNATURE-

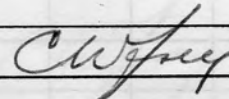
0400-0800 WATCH

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

PLANT SEC

WATCH ENGR'S SIGNATURE-



CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE-

[illegible]

REMARKS

1200-1600 WATCH

PLANT SEC
MAINT AS PER WORK BOOK

WATCH ENGR'S SIGNATURE-

PLANT CW Fry

1600-2000 WATCH

WATCH ENGR'S SIGNATURE-

CW Fry

2000-2400 WATCH

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

WATCH ENGR'S SIGNATURE-

CW Fry

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE-

USNS							VOYAGE NO.						FROM								TO									TYPE OF VESSEL						DATE 2/25-26/65	
			WATCH													WATCH																					
			1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200					1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200									
RUNNING TIME													MACHINERY PARTICULARS (CONT'D)			AFT. H. P. ROTOR BEARING																					
DETENTION TIME																FORWARD L. P. ROTOR BEARING																					
REVOLUTION COUNTER (END OF WATCH)																AFT. L.P. ROTOR BEARING																					
TOTAL REVOLUTIONS (FOR WATCH)																HOTTEST GEAR BEARING FORWARD																					
AVERAGE RPM																HOTTEST GEAR BEARING AFT																					
F.O. METER (END OF WATCH)																AUX. COND. CONDENSATE																					
F.O. CONSUMED																1ST STAGE FEED WATER HEATER																					
PRESSURES			THROTTLE										TEMPERATURES			D.C. FEED WATER HEATER																					
			H.P. AHEAD													3RD STAGE FEED WATER HEATER																					
			L.P. AHEAD													F.O. TO BURNERS																					
			VACUUM													F. O. BACK PRESSURE																					
			L.O. TO TURBINES										AIR TO FURNACE																								
			AUX. STEAM										UPTAKE																								
			BACK PRESSURE										MAIN STEAM																								
			GLAND STEAM										SUPER HEAT																								
			H.P. BLEEDER										F.O. TO BURNERS																								
			I.P. BLEEDER										F.O. TEMP. IN SETTLING TANKS																								
L.P. BLEEDER										PORT BOILER UPTAKE																											
TEMPERATURES			STEAM AT THROTTLE										BOILER PARTIALCULARS			STBD. BOILER UPTAKE																					
			L.P. EXHAUST													ENGINE ROOM TEMPERATURE																					
			CONDENSATE													FIRE ROOM TEMPERATURE																					
			CIRC. WATER IN													NOZZLES IN USE																					
			CIRC. WATER OUT										NO. OF BURNERS IN USE																								
			L.O. TO COOLERS										BURNER TIP SIZE																								
			L.O. FROM COOLERS										CO ₂ % PORT BOILER																								
			TEMPERATURE THRUST BEARING										CO ₂ % STBD. BOILER																								
FORWARD H.P. ROTOR BEARING										OIL LEVEL MAIN SUMP																											
GENERATORS													FUEL - WATER AND LUBE OIL			METER AT NOON			BOILER WATER		ON HAND AT START OF DAY																
																METER PREVIOUS NOON					EVAPORATED OR RECEIVED																
																CONSUMED BY METER					ON HAND																
																ON HAND AT START OF DAY			LUBE OIL		CONSUMED																
																RECEIVED DURING DAY					ON HAND AT START OF DAY																
																EXPENDED DURING DAY					RECEIVED																
																REMAIND ON BOARD			ON HAND																		
																ON HAND AT START OF DAY					CONSUMED																
																EVAPORATED OR RECEIVED																					
																ON HAND																					
																CONSUMED																					
																LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)																					
			WATCH													DOMESTIC WATER			L.O. CENTRIFUGE - HOURS OPERATED																		
						1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400							0400 TO 0800		0800 TO 1200																
1200 TO 1600													FUEL OIL			SUMMARY																					
			RUNNING TIME			PERCENT OF SLIP																															
			DETENTION TIME			BBL FUEL/MI																															
1600 TO 2000													TOTAL REVOLUTIONS			WIND DIRECTION																					
			AVERAGE R.P.M.			STATE OF SEA																															
			TOTAL MILES BY ENGINE			STATE OF WEATHER																															
2000 TO 2400													TOTAL MILES BY OBSERVATION																								
2400 TO 0400																																					
0400 TO 0800																																					
0800 TO 1200																																					

1200-1600 WATCH

PLANT SECURED
MAINTENANCE AS PER WORK BOOK:-

WATCH ENGR'S SIGNATURE-

W. J. Frey

1600-2000 WATCH

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

PREPARING TO LIT OFF E.R. BLEW DOWN WATER GAGE GLASS #142
BOILERS & LIT OFF @ 10:00

WATCH ENGR'S SIGNATURE-

W. J. Frey

CHIEF ENGINEER

26	PORT	STBD
PA	526	643
TA	759	759
CH	414	414
PC	15	30
SC	20	14
SH	1952	1920

CHIEF ENGR'S SIGNATURE-

REMARKS

1200-1600 WATCH

@ PIER 40 HONOLULU - PLANT DEAD - SECURED #1 & #2 BLES @ 420 LB -
 HIT OFF BLES @ 1500 - STARTED PULLING VACUUM - CLEANED L.O. PURIFIER

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

#1 & #2 BOILERS ON LINE @ 1600 #1 D.C. GEN IDLING:
 COMPOUNDED BOILERS 1 & 2 MAINT. AS PER WORKBOOK #1 GEN ON
 Line @ 1900:

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

Preparing ship for sea - Time check of Test Telegraph @ 2230 - Tested Man, Wheel Clearance from Rolling
 Main Unit with Steam @ 2300 - S.B.E. @ 2333 CTR-73298140 #1 F.O.M. 2108010 - #2 F.O.M. 5421090
 Bells as per Bell Book -

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

Sketches - Bennett Jr. Eng. Officer McConnell & J. Young.
 UNDERWAY 16 NOZZLES DEPARTURE 0030 - F.O.M. P-5421090 S-2108010
 SHOT COUNTER-81216060 - F.R.TACH. 73299780 - L.O. PURIFIER ON SUMP TO SUMP -
 #1 S.W. F.W.P. 3RD EFFECT VACUUM PROBLEM - MR. KNAPP INFORMED @ 0230 - ROUTINE
 TESTS & INSPECTIONS

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

UNDERWAY IN BEFORE
 COMPLIED W/DEPT ORDERS

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

Machinery as Before, except: Blew Tubes #1 & #2 Boilers @ 806-0820 -
 changed & cleaned Fuel oil hot strainers & Burners - changed to
 out board Settler @ 1130 - Pumped frg. Spec Bilge

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

27	PORT	5730
PA	8.18	6.43
TA	11.10	8.76
CH	3.31	3.31
PC	50	35
SC	17	17
SH	1976	1944

CHIEF ENGR'S SIGNATURE-

USNS GEN PORE TAPIVO VOYAGE NO. 2-F FROM HONOLULU TO VIETNAM TYPE OF VESSEL P2S2R2 DATE 2-27/28-66

WATCH							WATCH						
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	260	260	260	240	MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING	137	135	135	135	135
DETENTION TIME								FORWARD L. P. ROTOR BEARING	129	122	122	122	122
REVOLUTION COUNTER (END OF WATCH)	7338 4470	06760 06760	1343 1120	7345 5700	80460 80460	7350 2660		AFT. L.P. ROTOR BEARING	129	128	128	129	127
TOTAL REVOLUTIONS (FOR WATCH)	22270	22290	24360	24580	24360	22600		HOTTEST GEAR BEARING FORWARD	149	146	146	147	145
AVERAGE RPM	92.8	92.9	93.7	94.5	93.7	94.1		HOTTEST GEAR BEARING AFT	148	145	145	148	145
F.O. METER (END OF WATCH)	52112430 P 543230	32960 11350	2114750 543430	15990 35700	17230 37040	2118340 5438290		AUX. COND. CONDENSATE	99	99	99	99	98
F.O. CONSUMED	2360	2380		2620	2570	2370		1ST STAGE FEED WATER HEATER	159	158	158	159	158
PRESSURES	THROTTLE	440	440	440	440	450		D. C. FEED WATER HEATER	240	240	239	241	240
	H.P. AHEAD	425	425	425	425	430		3RD STAGE FEED WATER HEATER					
	L.P. AHEAD	18	21	21	18	19		F.O. TO BURNERS	150	156	150	150	150
	VACUUM	27.5"	27.5	27.5	28"	28"		F. O. BACK PRESSURE					
	L.O. TO TURBINES	13	13	13	13	13		AIR TO FURNACE	130	126	130	130	126
	AUX. STEAM	150	150	150	150	150		UPTAKE	P 305 S 250	305 250	300 250	325 270	335 260
	BACK PRESSURE	9	9	9	9	9		MAIN STEAM	710	720	690	705	705
	GLAND STEAM		1.0	1.0		0		SUPER HEAT	P 735 TEMP S 635	735 625	735 625	710 640	735 640
	H.P. BLEEDER	70	70	70	70	70		F.O. TO BURNERS	140	155	155	155	150
	I.P. BLEEDER	7	7	7	7	7		F.O. TEMP. IN SETTLING TANKS	P 90 S 96	88 90	88 90	88 83	86 82
TEMPERATURES	L.P. BLEEDER	11	11	11	11	11	BOILER PARTICULARS	PORT BOILER UPTAKE		6.0	6.		7.0
	STEAM AT THROTTLE	690	695	660	680	695		STBD. BOILER UPTAKE		7.0	8.		7.0
	L.P. EXHAUST	102	104	104	102	103		ENGINE ROOM TEMPERATURE					
	CONDENSATE	99	99	99	99	98		FIRE ROOM TEMPERATURE					100
	CIRC. WATER IN	77	77	77	77	76		NOZZLES IN USE	16	16	16	16	16
	CIRC. WATER OUT	87	88	88	87	86		NO. OF BURNERS IN USE	6	6	6	6	6
	L.O. TO COOLERS	126	127	127	124	127		BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70
	L.O. FROM COOLERS	108	109	109	107	109		CO2 % PORT BOILER					
	TEMPERATURE THRUST BEARING	117	116	116	115	116		CO2 % STBD. BOILER					
	FORWARD H.P. ROTOR BEARING	120	120	126	119	119		OIL LEVEL MAIN SUMP	NORM	N	N	N	N

GENERATORS											FUEL - WATER AND LUBE OIL			
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	WATER
1200 TO 1600	7	1200	440		9	120	110		63	1250	1250	240	METER AT NOON	ON HAND AT START OF DAY
													METER PREVIOUS NOON	EVAPORATED OR RECEIVED
													CONSUMED BY METER	ON HAND
													ON HAND AT START OF DAY	CONSUMED
													RECEIVED DURING DAY	ON HAND AT START OF DAY
													EXPENDED DURING DAY	RECEIVED
													REMAINING ON BOARD	ON HAND
1600 TO 2000	1	1200	440		9	120	110		63	1100	1100	240	ON HAND AT START OF DAY	CONSUMED
													EVAPORATED OR RECEIVED	DIE. 2000
													ON HAND	
													CONSUMED	
2000 TO 2400	1	1200	440		9	120	110		63	1150	1150	240	ON HAND AT START OF DAY	
													EVAPORATED OR RECEIVED	
													ON HAND	
													CONSUMED	
2400 TO 0400	1	1200	440		9	120	110		63	1050	1050	240	ON HAND AT START OF DAY	
													EVAPORATED OR RECEIVED	
													ON HAND	
													CONSUMED	
0400 TO 0800	1	1200	440		9	120	110		63	1100	1100	240	ON HAND AT START OF DAY	
													EVAPORATED OR RECEIVED	
													ON HAND	
													CONSUMED	
0800 TO 1200	1	1200	450		9	120	110		63	1200	1200	240	ON HAND AT START OF DAY	
													EVAPORATED OR RECEIVED	
													ON HAND	
													CONSUMED	
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)											L.O. CENTRIFUGE - HOURS OPERATED			
											1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400
											0400 TO 0800	0800 TO 1200		
											4	4	4 1/2	4 1/2
											4 1/2	4 1/2	4 1/2	4
											SUMMARY			
											RUNNING TIME	254.25	PERCENT OF SLIP	
											DETENTION TIME		BBL FUEL/MI	
											TOTAL REVOLUTIONS	16440	WIND DIRECTION	
											AVERAGE R.P.M.	93.64	STATE OF SEA	
											TOTAL MILES BY ENGINE	524	STATE OF WEATHER	
											TOTAL MILES BY OBSERVATION	443		

REMARKS

1200-1600 WATCH

UNDERWAY 16 NOZZLES - MACH'Y IN OPERATION - #1 & #2 BRS. & F.D. FAN - #1 D.C. GEN. -
 #1 & #2 F.O. SERVICE PUMPS - #1 & #2 M.V. F.D. PUMPS - M.V. & AUX. AIR EXHAUSTORS - M.V. & AUX. CIRC. PUMPS - #1 & #2
 M.V. COND. PUMPS - ELEC. L.O. SERVICE PUMP - L.O. PURIFIER - M.V. AIR COMP. - STD. STEERING MOTOR -
 F.W. PUMP / ADDED L.O. TO M.V. SUMP - ROUTINE TESTS & INSPECTIONS -
~~FIRE DRILL & STBY @ 1515 SECURED FROM FIRE DRILL @~~ BOAT DRILL @ 1515 SECURED FROM
 DRILLS @ 1525H - @ 1525 CH. ENG. IN EIR. 1515-1530.

H.P. & L.P. END DAY. OVO

1600-2000 WATCH

AS BEFORE

BLEW TUBES P/S BOILERS

1ST A/E WORKING ON COMBUSTION CONTROL BOARD

COMPLIED W/DEPT ORDERS

ROUTINE WATCH

WATCH ENGR'S SIGNATURE -

William H. Leggett

2000-2400 WATCH

Machinery as Before, Except: Set clock Back 20 minutes @ 2300 -
 Changed to Inboard Settler @ 2300 - Pumped Eng. Space Bilges -

WATCH ENGR'S SIGNATURE -

C. W. Fry

2400-0400 WATCH

AS BEFORE, EXCEPT - RETARDED CLOCK 20 MIN. - PURIFIED L.O. IN #2 D.C. GEN. -
 COMPLIED WITH NITE ORDERS
 ROUTINE TESTS & INSPECTIONS OF MACHINERY & OUTSIDE SPACES.

WATCH ENGR'S SIGNATURE -

M. Fox

0400-0800 WATCH

AS BEFORE:
 ROUTINE WATCH:

WATCH ENGR'S SIGNATURE -

William H. Leggett

0800-1200 WATCH

Machinery as Before, Except: Blew Tubes #1 & #2 Boilers 0800-0820
 Test Ran #1 & #2 Lifboat Motors - changed & cleaned Fuel oil Hot Strainers
 & Burners - changed to Outboard Settler @ 1100 - Pumped Eng. Space
 Bilges -

WATCH ENGR'S SIGNATURE -

C. W. Fry

WATCH ENGR'S SIGNATURE -

M. Fox

CHIEF ENGINEER

28	PORT	STBD
PA	9.35	7.01
TA	11.68	9.35
CA	331	3.31
PO ⁴	35	15
SO ³	30	30
SH	9000	1968

CHIEF ENGR'S SIGNATURE -

M. Fox