USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
LEON J POPE		@ OAKLAND			5/19-20/66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
24/2? F.O. METER (END OF WATCH)	0790	1210	1630	2080	2520	2910
F.O. CONSUMED	420	420	420	450	440	390
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	130	130	130	130	130	130
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						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING						
	FORWARD L. P. ROTOR BEARING						
	AFT. L.P. ROTOR BEARING						
	HOTTEST GEAR BEARING FORWARD						
	HOTTEST GEAR BEARING AFT						
	AUX. COND. CONDENSATE	106	106	104	102	108	104
	1ST STAGE FEED WATER HEATER	145	157	155	150	150	150
	D. C. FEED WATER HEATER	234	232	232	231	232	234
	3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES	F.O. TO BURNERS	150	150	150	150	150	150
	F. O. BACK PRESSURE						
	AIR TO FURNACE	93	92	87	88	87	94
	UPTAKE						
	MAIN STEAM	520	520	520	520	520	520
BOILER PARTICULARS – PRESSURES	SUPER HEAT	460	460	460	460	460	460
	F.O. TO BURNERS	180	175	150	160	165	160
	F.O. TEMP. IN SETTLING TANKS	86	85	85	90	90	88
	PORT BOILER UPTAKE						
	STBD. BOILER UPTAKE						
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	79	75	73	80	74	77
	FIRE ROOM TEMPERATURE						
	NOZZLES IN USE						
	NO. OF BURNERS IN USE	2	2	2	2	2	2
	BURNER TIP SIZE	C	C	C	C	C	C
	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	460	520	132	110			62	950	950	240
	4	1200	460	520	135	110			51	950	950	240
1600 TO 2000	3	1200	460	520	132	110			62	900	900	240
	4	1200	460	520	133	105			57	850	850	240
2000 TO 2400	3	1200	460	520	~~132~~ 8	~~110~~ 132	110		62	850	850	240
	4	1200	460	520	10	133	108		57	850	850	240
2400 TO 0400	3	1200	460	520	8	132	110		62	750	750	240
	4	1200	460	520	10	135	110		51	750	750	240
0400 TO 0800	3	1200	460	520	8	132	110		62	850	850	240
	4	1200	460	520	10	135	110		51	850	850	240
0800 TO 1200	3	1200	460	520	9	133	112		52	850	850	240
	4	1200	460	520	10	132	110		62	750	750	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER	2520		ON HAND	
	ON HAND AT START OF DAY	2998		CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	45000
	EXPENDED DURING DAY	60		RECEIVED	
	REMAINING ON BOARD	2938		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1400		CONSUMED	
	EVAPORATED OR RECEIVED		DIST 2000		
	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

SUMMARY

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

REMARKS

1200-1600 WATCH
H/ACH AS BEFORE

WATCH ENGR'S SIGNATURE- W. [illegible]

1600-2000 WATCH
MACHINERY AS BEFORE
BILGES AT SAFE LEVEL

OIL SEPARATOR FWT - DEL; REEFER - GENTIL; ELECT - JENKINS WATCH ENGR'S SIGNATURE- [illegible]

2000-2400 WATCH
MACHINERY AS BEFORE
BILGES AT SAFE LEVEL
ROUTINE INSPECTIONS OF MAIN + AUX MACH SPACES MADE AT REGULAR INTERVALS

WATCH AS BEFORE
WATCH ENGR'S SIGNATURE- [illegible]

2400-0400 WATCH
MACHINERY AS BEFORE. ROUTINE INSPECTION OF MAIN + AUX MACH. SPACES.
SECURED PERMISSION AND BLEW TUBES AT 0330. BILGES AT SAFE LEVELS

OILER-MCREDS FWT - LEARY; REEFER - HARDY; ELECT - LEVINE WATCH ENGR'S SIGNATURE- C.R. Spector R/E

0400-0800 WATCH
MACH. AS BEFORE. LEAK IN PIPE FROM #2 EVAP, 2ND EFFECT, SHELL DRAIN (BRINE). PUMPED DOWN EVAP SHELL AND INSERTED TEMPORARY PLUG IN PIPE. ROUTINE PORT WATCH. BILGES AT SAFE LEVELS

WATCH AS BEFORE
WATCH ENGR'S SIGNATURE- C.R. Spector R/E

0800-1200 WATCH
MACHINERY AS BEFORE.

WATCH ENGR'S SIGNATURE- M.H. Yamamoto

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Geo. J Pope		@ OAKLAND			5-20-21/66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)	3330	3740	4160	4610	5020	5420
F.O. CONSUMED	420	410	420	450	410	400
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	130	130	130	130	130	130
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						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING						
	FORWARD L. P. ROTOR BEARING						
	AFT. L.P. ROTOR BEARING						
	HOTTEST GEAR BEARING FORWARD						
	HOTTEST GEAR BEARING AFT						
	AUX. COND. CONDENSATE	104	107	106	106	106	106
	1ST STAGE FEED WATER HEATER	145	155	146	148	146	145
	D. C. FEED WATER HEATER	232	232	230	230	230	232
	3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES	F.O. TO BURNERS	155	150	150	150	150	150
	F. O. BACK PRESSURE						
	AIR TO FURNACE	94	91	89	91	90	90
	UPTAKE						
	MAIN STEAM	510	500	520	520	520	520
BOILER PARTICULARS – PRESSURES	SUPER HEAT	460	460	460	460	460	460
	F.O. TO BURNERS	155	150	150	160	165	150
	F.O. TEMP. IN SETTLING TANKS	88	80	80	80	80	84
	PORT BOILER UPTAKE						
	STBD. BOILER UPTAKE						
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	78	70	70	80	80	72
	FIRE ROOM TEMPERATURE						
	NOZZLES IN USE						
	NO. OF BURNERS IN USE	2	2	2	2	2	2
	BURNER TIP SIZE	C	C	C	C	C	C
	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	460	510	9	133	110		62	850	850	240
	4	1200	460	510	10	132	110		52	800	800	240
1600 TO 2000	3	1200	460	500	9.5	132	110		62	750	750	240
	4	1200	460	500	10	133	106		52	750	750	240
2000 TO 2400	3	1200	460	520	9.5	132	110		62	750	750	240
	4	1200	460	520	10	133	106		52	750	750	240
2400 TO 0400	3	1200	460	520	8	133	105		62	700	700	240
	4	1200	460	520	10	130	108		51	700	700	240
0400 TO 0800	3	1200	460	520	8	132	110		62	850	850	240
	4	1200	460	520	10	130	110		51	850	850	240
0800 TO 1200	3	1200	460	520	8	132	110		62	850	850	240
	4	1200	460	520	10	133	108		51	850	850	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER	2510		ON HAND	
	ON HAND AT START OF DAY	2938		CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	24200
	EXPENDED DURING DAY	59		RECEIVED	
	REMAINING ON BOARD	2879		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	14000		CONSUMED	
	EVAPORATED OR RECEIVED		DIA 2000		
	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

SUMMARY

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

REMARKS

1200-1600 WATCH
MACHINERY AS Before

WATCH ENGR'S SIGNATURE- M H Johnson

1600-2000 WATCH
ROUTINE BOILT WATCH.
BILGES AT SAFE LEVEL
ROUTINE INSPECTIONS OF MN & AUX. ENG ROOM SPACES MADE.
NOTE FIRE PUMP IN EVAP PLAT HAD RELIEF VALVE LEAKING AT 80#. RESET SAME NOW
RELIEVES AT 100#.
NOTE GENTIL IS ABOARD BUT DID NOT REPORT TO ENG ROOM ALL WATCH. (REFER OV WATCH).
OILER SELLERMAN FWT DIERS ELLES BROOKS

WATCH ENGR'S SIGNATURE- W. C. Spencer P/E

2000-2400 WATCH
ROUTINE BOILT WATCH
BILGES KEPT TO SAFE LEVEL

NOTE GENTIL REFER ON WATCH DID NOT REPORT TO ENG. ROOM ALL WATCH.
OILER SELLERMAN FWT DIERS ELLES BROOKS.

WATCH ENGR'S SIGNATURE- W. C. Spencer P/E

2400-0400 WATCH
ROUTINE INSPECTION OF MAIN & AUX ENG ROOM MACH. SPACES.
SECURED PERMISSION TO BLOW TUBES # 4 BOILER AT 0215.
BILGES AT SAFE LEVELS.

OILER-McINTYRE, FWT-LEARY, REEFER-HARDY, ELECT-BROOKS

WATCH ENGR'S SIGNATURE- C.R. Spector P/E

0400-0800 WATCH
MACHINERY AS BEFORE. ROUTINE WATCH. BILGES AT SAFE LEVELS

WATCH ENGR'S SIGNATURE- C.R. Spector P/E

WATCH AS BEFORE
0800-1200 WATCH
MACHINERY AS BEFORE, ROUTINE WATCH. BILGES AT SAFE LEVELS.

OILER-HARDING, FWT-HUTTON, REEFER-HANEY ELECT-~~FULLER~~ CRS LEVINSON

WATCH ENGR'S SIGNATURE- C.R. Spector P/E

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE- M G Johnson

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Benj J Pope		@ OAKLAND			5/21-22/66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)	5830	6240	6690	7170	7610	8020
F.O. CONSUMED	410	410	450	480	440	410
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	130	130	130	130	130	130
BACK PRESSURE	10	10	10	10	110	110
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						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – AFT. H. P. ROTOR BEARING						
FORWARD L. P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						
HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE	110	112	112	108	111	108
1ST STAGE FEED WATER HEATER	145	148	145	148	145	145
D. C. FEED WATER HEATER	230	232	234	232	233	231
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – F.O. TO BURNERS	150	160	160	150	150	150
F. O. BACK PRESSURE						
AIR TO FURNACE	92	92	92	91	90	90
UPTAKE						
MAIN STEAM	510	510	510	500	500	500
BOILER PARTICULARS – PRESSURES – SUPER HEAT	460	460	460	460	460	460
F.O. TO BURNERS	150	155	155	160	160	160
F.O. TEMP. IN SETTLING TANKS	82	82	84	85	85	85
PORT BOILER UPTAKE	72	72	73	–	–	–
STBD. BOILER UPTAKE						
MISCELLANEOUS – ENGINE ROOM TEMPERATURE				70	80	76
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE	2	2	2	2	2	2
BURNER TIP SIZE	C	C	C	C	C	C
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	460	510	10	132	110	62	62	800	800	240
	4	1200	460	510	10	137	110	55	55	800	800	240
1600 TO 2000	3	1200	460	510	10	132	110	–	62	750	750	240
	4	1200	460	510	10	133	110	–	53	750	750	240
2000 TO 2400	3	1200	460	510	10	132	110		62	750	750	240
	4	1200	460	510	10	133	110		55	750	750	240
2400 TO 0400	3	1200	460	500	10	132	110		62	750	750	240
	4	1200	460	500	10	135	110		51	750	750	240
0400 TO 0800	3	1200	460	500	8	132	110		62	850	850	240
	4	1200	460	500	10	135	110		51	850	850	240
0800 TO 1200	3	1200	460	500	8	132	110		62	750	750	240
	4	1200	460	500	10	135	110		50	750	750	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER	2600		ON HAND	
	ON HAND AT START OF DAY	2879		CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	42000
	EXPENDED DURING DAY	61		RECEIVED	
	REMAINING ON BOARD	2818		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1400		CONSUMED	
	EVAPORATED OR RECEIVED			Dir. Send	
	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

SUMMARY

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

REMARKS

1200-1600 WATCH

MACHINERY IN OPERATION AS BEFORE
ROUTINE INSPECTION OF MACH SPACES.

OILER-HARDING FWT-HUTTON. ELECT-LEVINER. REEFER-HANEY.

WATCH ENGR'S SIGNATURE- Clemmons

1600-2000 WATCH

MACHINERY IN OPERATION AS BEFORE
ROUTINE INSPECTION OF MACHINERY SPACES.

OILER-SEGGERMAN. FWT-DIERS. REEFER-HARDING. ELECT-LEVINER.

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

MACHINERY IN OPERATION AS BEFORE.

OILER-SEGGERMAN. FWT-DIERS. REEFER-HARDING. ELECT-LEVINER.

WATCH ENGR'S SIGNATURE- Clemmons

2400-0400 WATCH

MACHINERY AS BEFORE. ROUTINE INSPECTION OF MAIN & AUX MACH. SPACES.
BILGES AT SAFE LEVELS

OILER-MCGREOS, FWT-LEARY, REEFER-HARDY, ELECT. LEVINER WATCH ENGR'S SIGNATURE- C.R. Specter R/E

0400-0800 WATCH

MACHINERY IN OPERATION AS BEFORE

WATCH AS BEFORE WATCH ENGR'S SIGNATURE- C.R. Specter R/E

0800-1200 WATCH

OILER HARDING FAILED TO REPORT ON WATCH. OILER MCGREOS ON STANDBY. MACHINERY IN OPERATION AS BEFORE ROUTINE INSPECTION OF MACH. SPACES

OILER-MCGREOS FWT-HUTTON, REEFER-HARDY ELECT-LEVINER WATCH ENGR'S SIGNATURE- C.R. Specter R/E

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE- [illegible]

USNS Gen. J Pope | VOYAGE NO. | FROM @ OAKLAND | TO | TYPE OF VESSEL | DATE 5/22-23/66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
F.O. METER (END OF WATCH)	8460	8870	9290	9680	0120	0550
F.O. CONSUMED	440	410	420	390	440	430
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	150	130	130	130	130	130
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	63	63	63			
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – AFT. H. P. ROTOR BEARING						
FORWARD L. P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						
HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE	108	109	109	108	110	110
1ST STAGE FEED WATER HEATER	145	142	142	142	140	
D. C. FEED WATER HEATER	232	234	234	232	230	236
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – F.O. TO BURNERS						
F. O. BACK PRESSURE						
AIR TO FURNACE	98			93	92	93
UPTAKE						
MAIN STEAM	500	500	500	500	500	510
BOILER PARTICULARS – PRESSURES – SUPER HEAT	440	440	440	450	450	460
F.O. TO BURNERS	160	160	160	165	160	150
F.O. TEMP. IN SETTLING TANKS	85	85	85	85	85	85
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
MISCELLANEOUS – ENGINE ROOM TEMPERATURE				74	74	79
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE	2	2	2	2	2	2
BURNER TIP SIZE	C	C	C	C	C	C
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	440	500	9	132	110	64	61	750	750	240
	4	1200	440	500	10	135	110	57	51	750	750	240
1600 TO 2000	3	1200	440	500	9	132	110		61	750	750	240
	4	1200	440	500	10	135	110		51	750	750	240
2000 TO 2400	3	1200	440	500	9	132	110		61	750	750	240
	4	1200	440	500	10	135	110		51	750	750	240
2400 TO 0400	3	1200	450	500	8	132	110		61	750	750	240
	4	1200	450	500	10	135	110		51	750	750	240
0400 TO 0800	3	1200	450	500	8	132	110		61	850	850	240
	4											
	4	1200	450	500	10	135	110		51	850	850	240
0800 TO 1200	3	1200	460	510	8	130	110		62	800	800	240
	4	1200	460	510	10	132	110		51	800	800	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER	2540		ON HAND	
	ON HAND AT START OF DAY	2818		CONSUMED	
	RECEIVED DURING DAY	0	LUBE OIL	ON HAND AT START OF DAY	4200
	EXPENDED DURING DAY	60		RECEIVED	
	REMAINING ON BOARD	2758		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1400		CONSUMED	
	EVAPORATED OR RECEIVED			DIE. 2000	
	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

SUMMARY

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

REMARKS

1200-1600 WATCH MACHINERY IN OPERATION AS BEFORE. NORMAL ROUTINE WATCH

OILER-HARDING FWT-HUTTON REFER-HANAY ELECT-LEVINER WATCH ENGR'S SIGNATURE- William H. Leggett
1600-2000 WATCH

OILER-DIERS FWT-SEGGERMAN REFER-BENTEL ELECT-LEVINER WATCH ENGR'S SIGNATURE- William H. Leggett
2000-2400 WATCH SAME AS BEFORE

OILER-SEGGERMAN FWT-DIERS REFER-BENTEL ELECT-LEVINER WATCH ENGR'S SIGNATURE- William H. Leggett
2400-0400 WATCH

MACHINERY IN OPERATION AS BEFORE. ROUTINE TOW WATCH. BILGES AT SAFE LEVELS.

OILER-MIGREOS FWT-LEARY, REEFER-HARDY, ELECT-LEVINER WATCH ENGR'S SIGNATURE- C.R. Specter 2/E
0400-0800 WATCH

RECEIVED PERMISSION TO BLOW TUBES. BLEW TUBES # 4 BOILER AT 0420. CHANGED F.O. SUCTION FROM STBD OUTBD TO STBD INBOARD SETTLER AT 0615. MACHINERY AS BEFORE. BILGES AT SAFE LEVELS.

OILER-HARDING FWT-LEARY, REEFER-HARDY, ELECT-LEVINER WATCH ENGR'S SIGNATURE- C.R. Specter 2/E
0800-1200 WATCH
MACH AS BEFORE

WATCH ENGR'S SIGNATURE- W. Barrington

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE- M. E. Johnson

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen J Pope		@ OAKLAND			5/23-24/66

MACHINERY PARTICULARS

	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						
2/3 F.O. METER (END OF WATCH)	0990	1410	1780	2200	2610	3200
F.O. CONSUMED	410	420	370	420	410	410
PRESSURES: THROTTLE						
PRESSURES: H.P. AHEAD						
PRESSURES: L.P. AHEAD						
PRESSURES: VACUUM						
PRESSURES: L.O. TO TURBINES						
PRESSURES: AUX. STEAM	130	130	130	130	130	130
PRESSURES: BACK PRESSURE	10	10	10	10	10	10
PRESSURES: GLAND STEAM						
PRESSURES: H.P. BLEEDER						
PRESSURES: I.P. BLEEDER						
PRESSURES: L.P. BLEEDER						
TEMPERATURES: STEAM AT THROTTLE						
TEMPERATURES: L.P. EXHAUST						
TEMPERATURES: CONDENSATE						
TEMPERATURES: CIRC. WATER IN						
TEMPERATURES: CIRC. WATER OUT						
TEMPERATURES: L.O. TO COOLERS						
TEMPERATURES: L.O. FROM COOLERS						
TEMPERATURES: TEMPERATURE THRUST BEARING						
TEMPERATURES: FORWARD H.P. ROTOR BEARING						

MACHINERY PARTICULARS (CONT'D)

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES (CONT'D): AFT. H. P. ROTOR BEARING						
TEMPERATURES (CONT'D): FORWARD L. P. ROTOR BEARING						
TEMPERATURES (CONT'D): AFT. L.P. ROTOR BEARING						
TEMPERATURES (CONT'D): HOTTEST GEAR BEARING FORWARD						
TEMPERATURES (CONT'D): HOTTEST GEAR BEARING AFT						
TEMPERATURES (CONT'D): AUX. COND. CONDENSATE	110	100	105	103	102	102
TEMPERATURES (CONT'D): 1ST STAGE FEED WATER HEATER						
TEMPERATURES (CONT'D): D. C. FEED WATER HEATER	236	236	236	237	236	236
TEMPERATURES (CONT'D): 3RD STAGE FEED WATER HEATER						

BOILER PARTICULARS

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES: F.O. TO BURNERS	150	155	150	150	150	150
TEMPERATURES: F. O. BACK PRESSURE						
TEMPERATURES: AIR TO FURNACE	93	91	89	91	90	91
TEMPERATURES: UPTAKE						
TEMPERATURES: MAIN STEAM	~~560~~	500	490	520	500	520
PRESSURES: SUPER HEAT	460	460	460	460	460	460
PRESSURES: F.O. TO BURNERS	180	135	160	160	165	170
PRESSURES: F.O. TEMP. IN SETTLING TANKS	85	85	85	85	85	85
PRESSURES: PORT BOILER UPTAKE						
PRESSURES: STBD. BOILER UPTAKE						

MISCELLANEOUS

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
ENGINE ROOM TEMPERATURE	79	75	73	76	72	74
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE	2	2	2	2	2	2
BURNER TIP SIZE	C	C	C	C	C	C
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	460	520	8	130	110		62	900	900	240
	1	1200	460	520	10	132	110		51	900	900	240
1600 TO 2000	3	1200	460	500	8	132	110		62	800	800	240
	4	1200	460	500	10	133	107		51	800	800	240
2000 TO 2400	3	1200	460	490	8	123	110		62	750	750	240
	4	1200	460	490	10	133	107		51	750	750	240
2400 TO 0400	3	1200	460	520	8	132	110		62	750	750	240
	4	1200	460	520	10	135	110		51	750	750	240
0400 TO 0800	3	1200	460	520	8	132	110		60	850	850	240
	4	1200	460	520	10	135	110		51	850	850	240
0800 TO 1200	3	1200	460	520	8	132	110		60	900	900	240
	4	1200	460	520	10	130	109		51	900	900	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
FUEL OIL	METER PREVIOUS NOON		BOILER WATER	EVAPORATED OR RECEIVED	
FUEL OIL	CONSUMED BY METER	2602	BOILER WATER	ON HAND	
FUEL OIL	ON HAND AT START OF DAY	2758	BOILER WATER	CONSUMED	
FUEL OIL	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	4200
FUEL OIL	EXPENDED DURING DAY	62	LUBE OIL	RECEIVED	
FUEL OIL	REMAINING ON BOARD	2696	LUBE OIL	ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1400	LUBE OIL	CONSUMED	
DOMESTIC WATER	EVAPORATED OR RECEIVED		DIE. 2000		
DOMESTIC WATER	ON HAND				
DOMESTIC WATER	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		PERCENT OF SLIP	
DETENTION TIME		BBL FUEL/MI	
TOTAL REVOLUTIONS		WIND DIRECTION	
AVERAGE R.P.M.		STATE OF SEA	
TOTAL MILES BY ENGINE		STATE OF WEATHER	
TOTAL MILES BY OBSERVATION			

REMARKS

1200-1600 WATCH
M(ACH) AS BEFORE

WATCH ENGR'S SIGNATURE- [illegible]

1600-2000 WATCH
ROUTINE PORT WATCH
MACHINERY AS BEFORE
BILGES AT SAFE LEVEL

OILER SCHERMAN FWT DIERS ELEC JENKINS REEFER HANLY

WATCH ENGR'S SIGNATURE- [illegible]

2000-2400 WATCH
ROUTINE PORT WATCH
MACHINERY AS BEFORE
BILGES AT SAFE LEVEL

~~PERSONNEL~~
WATCH AS PER 2000-2400

WATCH ENGR'S SIGNATURE- [illegible]

2400-0400 WATCH
MACHINERY AS BEFORE. ROUTINE INSPECTION OF MAIN & AUX. MACH SPACES.
BILGES AT SAFE LEVELS.

OILER MCGREDS FWT-LEARY REEFER-HARDY ELECT. JENKINS

WATCH ENGR'S SIGNATURE- C.R. Specter R/E

0400-0800 WATCH
MACHINERY AS BEFORE. ROUTINE INSPECTION OF MAIN & AUX. MACH. SPACES
BILGES AT SAFE LEVELS

WATCH AS BEFORE

WATCH ENGR'S SIGNATURE- C.R. Specter R/E

0800-1200 WATCH
M(ACH) AS BEFORE. RAN #1 LIFEBOAT G&L FROM 0815-0816.
RAN #2 LIFEBOAT FROM 0820-0821

WATCH ENGR'S SIGNATURE- [illegible]

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Geo. J Pope		@ OAKLAND			5/24-25/66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
2/3 F.O. METER (END OF WATCH)	3600	4030	4410	4820	5240	5660
F.O. CONSUMED	400	430	380	410	420	420
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	130	130	130	130	130	130
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						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – AFT. H. P. ROTOR BEARING						
FORWARD L. P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						
HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE	108	109	110	108	110	110
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER	234	235	235	236	237	231
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – F.O. TO BURNERS	150	150	150	150	150	150
F. D. BACK PRESSURE						
AIR TO FURNACE	92	91	89	88	89	91
UPTAKE						
MAIN STEAM	520	490		520 ~~460~~	520	520
PRESSURES – SUPER HEAT	460	460	460	460	460	460
F.O. TO BURNERS	160	160	150	160	165	170
F.O. TEMP. IN SETTLING TANKS	85	90	90	93	94	86
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
MISCELLANEOUS – ENGINE ROOM TEMPERATURE	79	75		78	74	75
FIRE ROOM TEMPERATURE						
NOZZLES IN USE	2	2	2	2	2	2
NO. OF BURNERS IN USE	C	C	C	C	C	C
BURNER TIP SIZE						
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	460	520	8	130	110		60	750	750	240
	4	1200	460	520	10	130	109		51	750	750	240
1600 TO 2000	3	1200	460	490	8	132	110		60	VARIOUS		240
	4	1200	460	490	10	134	107		51	VARIOUS		240
2000 TO 2400	3	1200	460	490	8	132	110		66			240
	4	1200	460	490	10	133	106		51			240
2400 TO 0400	3	1200	460	520	8	132	110		60	750	750	240
	4	1200	460	520	10	135	110		51	750	750	240
0400 TO 0800	3	1200	460	520	8	132	110		60	850	850	240
	4	1200	460	520	10	135	110		51	850	850	240
0800 TO 1200	3	1200	460	520	8	132	110		61	900	900	240
	4	1200	460	520	10	133	110		51	900	900	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER	2572		ON HAND	
	ON HAND AT START OF DAY	2696		CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	4200
	EXPENDED DURING DAY	61		RECEIVED	
	REMAINING ON BOARD	2635		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1400		CONSUMED	
	EVAPORATED OR RECEIVED		DIE. 2000		
	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

SUMMARY

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

REMARKS

1200-1600 WATCH

M/AC/ AS BEFORE

WATCH ENGR'S SIGNATURE- W. T. Barrington

1600-2000 WATCH

ROUTINE PORT WATCH BLEW DOWN GAUGE GLASSES #4 BOILER

BILGES AT SAFE LEVEL

ROUTINE INSPECTIONS OF MAIN & AUX MACH SPACES MADE AT REGULAR INTERVALS

MACHINERY AS BEFORE

OILER SEAMAN FIT DIERS LAUT BROOKS REEFER HARDY

WATCH ENGR'S SIGNATURE- [illegible]

2000-2400 WATCH

ROUTINE PORT WATCH

BILGES AT SAFE LEVEL

ROUTINE INSPECTIONS OF MACH SPACES MADE

MACHINERY AS BEFORE

WATCH AS BEFORE

WATCH ENGR'S SIGNATURE- [illegible]

2400-0400 WATCH

MACHINERY AS BEFORE, ROUTINE INSPECTION OF MAIN & AUX MACH. SPACES.

BILGES AT SAFE LEVELS.

RECEIVED PERMISSION TO BLOW TUBES. BLEW TUBES ON #4 BOILER AT 0330.

OILER - MGREOS, FWT - LEARY, REEFER - HARDY ELECT - BROOKS

WATCH ENGR'S SIGNATURE- C.R. Spector 2/E

0400-0800 WATCH

MACHINERY AS BEFORE, ROUTINE PORT WATCH.

BILGES AT SAFE LEVELS

WATCH AS BEFORE

WATCH ENGR'S SIGNATURE- C.R. Spector 2/E

0800-1200 WATCH

M/AC/ AS BEFORE STARTED H/UF EJAP ON FRESH WATER

RAISED VACUUM W/M UNIT TO TEST TIGHTNESS OF EXPANSION JOINT ON HP TO LP CROSSOVER.

WATCH ENGR'S SIGNATURE- W. T. Barrington

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE- M. Johnson

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen J Poff		@ Oakland			5/25-26/60

	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						
2/3 F.O. METER (END OF WATCH)	6690	6600		7020	7370	7810
F.O. CONSUMED	530	410		420	350	440
MACHINERY PARTICULARS – PRESSURES: THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	130	130	130	130	130	130
BACK PRESSURE	11	11	11	11	11	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						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D): AFT. H. P. ROTOR BEARING						
FORWARD L. P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						
HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE	112	110	112	114	114	110
1ST STAGE FEED WATER HEATER	130	153	153	150	150	160
D. C. FEED WATER HEATER	234	230	230	228	229	236
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES: F.O. TO BURNERS	150	150	150	150	150	150
F. O. BACK PRESSURE						
AIR TO FURNACE	92	91	89	90	89	91
UPTAKE						
MAIN STEAM	500	490	490	500	500	500
BOILER PARTICULARS – PRESSURES: SUPER HEAT	460	460	460	460	460	460
F.O. TO BURNERS	150	165	165	160	165	170
F.O. TEMP. IN SETTLING TANKS	86	85	85	85	85	85
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
MISCELLANEOUS: ENGINE ROOM TEMPERATURE	77	73	69	74	78	73
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE	2	2	2	2	2	2
BURNER TIP SIZE	C	C	C	C	C	C
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	460	520	8	132	110		61	950	950	240
	4	1200	460	520	10	133	110		51	950	950	240
1600 TO 2000	3	1200	460	490	8	132	110		61	800	800	240
	4	1200	460	490	10	133	108		51	800	800	240
2000 TO 2400	3	1200	460	490	8	132	110		61	800	800	240
	4	1200	460	490	10	133	107		51	800	800	240
2400 TO 0400	3	1200	460	500	8	132	110		62	750	750	240
	4	1200	460	500	10	135	110		51	750	750	240
0400 TO 0800	3	1200	460	500	8	132	110		61	850	850	240
	4	1200	460	500	10	135	110		51	850	850	240
0800 TO 1200	3	1200	460	500	8	132	110		61	850	850	240
	4	1200	460	500	10	132	110		51	850	850	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER	2688		ON HAND	
	ON HAND AT START OF DAY	2535		CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	46200
	EXPENDED DURING DAY	65		RECEIVED	
	REMAINING ON BOARD	2570		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1400		CONSUMED	
	EVAPORATED OR RECEIVED				
	ON HAND				
	CONSUMED				

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH

W/ACI AS BEFORE L.O. & JACK GEAR STILL ON O/N UNIT UNTIL IT COOLS OFF.

WATCH ENGR'S SIGNATURE- [illegible]

1600-2000 WATCH

WATCH 2ND. SECURED L.O. + JACK GEAR AT 1600. MAIN UNIT EXHAUST TEMP 1000°F

BILGES AT SAFE LEVEL

MACH AS BEFORE EXCEPT AS ABOVE

OILER SEZERMAN FWT DIERS ELECT PORTER REEFER HARDY WATCH ENGR'S SIGNATURE- [illegible]

2000-2400 WATCH

BILGES AT SAFE LEVEL

MACH AS BEFORE

ROUTINE INSPECTIONS OF MAIN + AUX MACH SPACES MADE AT REGULAR INTERVALS

NOTE FO METER NOT WORKING.

OILER SEZERMAN FWT DIERS ELECT PORTER REEFER HARDY WATCH ENGR'S SIGNATURE- [illegible]

2400-0400 WATCH

S.W. COOLING TO STBD. SHAFT BEARING LOCATED IN MAIN ENGINE ROOM CANNOT BE SECURED AND S.W. IS RUNNING ONTO BILGE. MACHINERY AS BEFORE. ROUTINE INSPECTION OF MAIN + AUX MACH. SPACES. BILGES AT SAFE LEVELS. SECURED MAIN CIRCULATOR @ 0200

OILER - MCGREGS, FWT - LEARY, REEFER - HARDY, ELECT - PORTER WATCH ENGR'S SIGNATURE- C.R. Specter R/E

0400-0800 WATCH

MACHINERY AS BEFORE

WATCH AS BEFORE WATCH ENGR'S SIGNATURE- C.R. Specter R/E

0800-1200 WATCH

W/ACI AS BEFORE

WATCH ENGR'S SIGNATURE- [illegible]

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE- [illegible]

USNS Lewis J. Pope | VOYAGE NO. | FROM @ OAKLAND | TO | TYPE OF VESSEL | DATE 5/26-27/66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
2/3 F.O. METER (END OF WATCH)	8260	8670	9090	9510	9920	0190
F.O. CONSUMED	450	410	420	420	410	570
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	130	130	130	130	130	130
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						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – AFT. H. P. ROTOR BEARING						
FORWARD L. P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						
HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE	110	116	111	110	116	106
1ST STAGE FEED WATER HEATER	160	155	156	155	160	160
D. C. FEED WATER HEATER	236	231	232	230	230	236
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – F.O. TO BURNERS	150	150	150	150	150	150
F. O. BACK PRESSURE						
AIR TO FURNACE	91	89	90	90	89	91
UPTAKE						
MAIN STEAM	500	540	490	540	540	520
BOILER PARTICULARS – PRESSURES – SUPER HEAT	460	460	460	460	460	460
F.O. TO BURNERS	175	160	150	150	160	150
F.O. TEMP. IN SETTLING TANKS	85	85	80	85	85	85
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
MISCELLANEOUS – ENGINE ROOM TEMPERATURE	73	74	73	80	81	73
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE	2	2	2	2	2	2
BURNER TIP SIZE	C	C	C	C	C	C
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	460	500	8	132	110		61	900	900	240
	4	1200	460	500	10	132	110		51	900	900	240
1600 TO 2000	3	1200	460	540	8	132	110		61	750	750	240
	4	1200	460	540	10	133	107		51	750	750	240
2000 TO 2400	3	1200	460	490	8	132	110		61	650	650	240
	4	1200	460	490	10	134	110		51	750	750	240
2400 TO 0400	3	1200	460	540	8	132	110		61	650	650	240
	4	1200	460	540	10	135	110		51	650	650	240
0400 TO 0800	3	1200	460	540	8	132	110		61	850	850	240
	4	1200	460	540	10	133	110		51	850	850	240
0800 TO 1200	3	1200	460	520	8	132	110		61	850	850	240
	4	1200	460	520	10	133	110		51	850	850	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	
	METER PREVIOUS NOON	
	CONSUMED BY METER	2604
	ON HAND AT START OF DAY	2570
	RECEIVED DURING DAY	
	EXPENDED DURING DAY	62
	REMAINING ON BOARD	2508
DOMESTIC WATER	ON HAND AT START OF DAY	1400
	EVAPORATED OR RECEIVED	
	ON HAND	
	CONSUMED	

BOILER WATER	ON HAND AT START OF DAY	
	EVAPORATED OR RECEIVED	
	ON HAND	
	CONSUMED	
LUBE OIL	ON HAND AT START OF DAY	42 00
	RECEIVED	
	ON HAND	
	CONSUMED	

Dia 2000

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

REMARKS

1200-1600 WATCH
MACH AS BEFORE

WATCH ENGR'S SIGNATURE- [illegible]

1600-2000 WATCH
WHEN WATCH WAS RELIEVED F.W. SUCTION ON #3 POINT FRESH WATER DEEP TO TAKE POLT LIST OFF SHIP AT 1945 CHANGED TO #2 P+S DEEPS. AT PM NIGHT OVERBOARD CHANGED TO STBD. INBD. SETTLER @ 1950. STBD OUTBOARD ABOUT 7' ALEVEL.

OILER SEELYMAN FWT DIVERS ELECT ON COND LEVINER REEFER HANCY WATCH ENGR'S SIGNATURE- [illegible] 1/c

2000-2400 WATCH
ROUTINE POLT WATCH
BILGES AT SAFE LEVEL
ROUTINE INSPECTION OF MAIN + AUX MACH. SPACES MADE AT REGULAR INTERVALS.

WATER SAME AT 1600-2000 WATCH ENGR'S SIGNATURE- [illegible] 1/c

2400-0400 WATCH
MACHINERY AS BEFORE. ROUTINE INSPECTION OF MAIN & AUX MACHINERY SPACES.
BILGES AT SAFE LEVELS. REQUESTED PERMISSION TO BLOW TUBES. PERMISSION REFUSED

OILER-MIGREOS, FWT-LEARY, REEFER-HARDY, ELECT-LEVINER WATCH ENGR'S SIGNATURE- C.R. Spector 2/c

0400-0800 WATCH
MACH. AS BEFORE.

WATCH AS BEFORE WATCH ENGR'S SIGNATURE- C.R. Spector 2/c

0800-1200 WATCH
MACH AS BEFORE

WATCH ENGR'S SIGNATURE- [illegible]

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
					5/27-28/66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
244 F.O. METER (END OF WATCH)	1060	1490	1920	2340	2810	3190
F.O. CONSUMED	510	430	530	420	470	380
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	130	130	130	130	130	130
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						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – AFT. H. P. ROTOR BEARING						
FORWARD L. P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						
HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE	106	111	113	112	112	112
1ST STAGE FEED WATER HEATER	160	160	163	160	160	165
D. C. FEED WATER HEATER	236	236	232	232	230	232
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – F.O. TO BURNERS	150	150	150	150	150	150
F. O. BACK PRESSURE						
AIR TO FURNACE	91	89	89	88	88	88
UPTAKE						
MAIN STEAM	520	530	500	510	520	520
BOILER PARTICULARS – PRESSURES – SUPER HEAT	460	460	460	460	460	460
F.O. TO BURNERS	180	175	170	170	170	
F.O. TEMP. IN SETTLING TANKS	85	85	85	85	85	85
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
MISCELLANEOUS – ENGINE ROOM TEMPERATURE	73	70	70	70	70	70
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE	2	2	2	2	2	2
BURNER TIP SIZE	C	C	C	C	C	C
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	460	520	8	132	110		61	800	800	240
	4	1200	460	520	10	133	110		51	800	800	240
1600 TO 2000	3	1200	460	520	8	132	110		61	750	750	240
	4	1200	460	520	10	133	110		51	750	750	240
2000 TO 2400	3	1200	460	520	8	132	110		61	750	750	240
	4	1200	460	520	10	133	110		51	750	750	240
2400 TO 0400	3	1200	460	510	8	132	110		61	650	650	240
	4	1200	460	510	10	134	110		51	650	650	240
0400 TO 0800	3	1200	460	520	8	132	110		61	750	750	240
	4	1200	460	520	10	133	110		51	750	750	240
0800 TO 1200	3	1200	460	520	8	132	110		61	850	850	240
	4	1200	460	520	10	133	110		51	850	850	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED
	CONSUMED BY METER	2562		ON HAND
	ON HAND AT START OF DAY	2508		CONSUMED
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY 4200
	EXPENDED DURING DAY	61		RECEIVED
	REMAINING ON BOARD	2447		ON HAND
DOMESTIC WATER	ON HAND AT START OF DAY	1400		CONSUMED
	EVAPORATED OR RECEIVED		Die Good	
	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

SUMMARY

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

REMARKS

1200-1600 WATCH
MACH AS BEFORE

WATCH ENGR'S SIGNATURE- W. T. Bzo[illegible]

1600-2000 WATCH
ROUTINE PORT WATCH
BILGES OK
ROUTINE INSPECTIONS OF SEA CHEST SPACE MADE AT REGULAR INTERVALS

CHIEF DEPARTMENT HEAD PUMP BALL JAMMED FILTER HANDY WATCH ENGR'S SIGNATURE- [illegible]

2000-2400 WATCH
ROUTINE PORT WATCH
BILGES OK
MACHINERY AS BEFORE

WATCH AS FOR ~~1600~~ 2000-2400 WATCH ENGR'S SIGNATURE- [illegible]

2400-0400 WATCH

MACHINERY IN OPERATION AS BEFORE. ROUTINE INSPECTION OF MAIN & AUX MACH. SPACES.
RECEIVED PERMISSION AND BLEW TUBES ON #4 BOILER @ 0325.
BILGES AT SAFE LEVELS

OILER-MCREDS, FWT-LEARY, REEFER-HARDY ELECT-JENKINS WATCH ENGR'S SIGNATURE- C. R. Spector R/E

0400-0800 WATCH

MACHINERY AS BEFORE.

WATCH AS BEFORE (0000-0400) WATCH ENGR'S SIGNATURE- C. R. Spector R/E

0800-1200 WATCH

MACHINERY AS BEFORE.
FWT HUTTON SOUNDING & TOURING ENGR. ROOM UNDER SUPERVISION OF ENGR ON WATCH.

OILER-HARDING, FWT-HUTTON REEFER-HARDY ELECT-LOVING WATCH ENGR'S SIGNATURE- C. R. Spector R/E

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
					28-29 May 66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
244 F.O. METER (END OF WATCH)	3690	4030	4460	4920	5310	5730
F.O. CONSUMED	300	340	430	490	390	420
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	130	130	130	130	130	130
BACK PRESSURE	11	11	11	11	11	11
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						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – AFT. H. P. ROTOR BEARING						
FORWARD L. P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						
HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE	113	113	110	112	112	114
1ST STAGE FEED WATER HEATER	165	162	162	162	160	160
D. C. FEED WATER HEATER	232	223	237	231	232	230
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – F.O. TO BURNERS	150	150	150	150	150	150
F. O. BACK PRESSURE						
AIR TO FURNACE	90	89	89	81	90	90
UPTAKE						
MAIN STEAM	500	500	500	510	510	510
BOILER PARTICULARS – PRESSURES – SUPER HEAT	460	460	460	460	460	460
F.O. TO BURNERS	160	160	160	170	155	175
F.O. TEMP. IN SETTLING TANKS	85	85	85	85	90	90
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
MISCELLANEOUS – ENGINE ROOM TEMPERATURE	75	80	80	76	78	74
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE	2	2	2	2	2	2
BURNER TIP SIZE	C	C	C	C	C	C
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	460	500	8	134	111		62	700	700	240
	4	1200	460	500	10	133	111		51	700	700	240
1600 TO 2000	3	1200	460	500	8	132	110		62	700	700	240
	4	1200	460	500	10	133	110		51	700	700	240
2000 TO 2400	3	1200	460	500	8	132	110		62	600	600	240
	4	1200	460	500	10	133	110		51	700	700	240
2400 TO 0400	3	1200	460	510	8	132	110		62	700	700	240
	4	1200	460	510	10	133	110		51	700	700	240
0400 TO 0800	3	1200	460	510	8	132	110		62	850	850	240
	4	1200	460	510	10	134	110		51	850	850	240
0800 TO 1200	3	1200	460	510	8	132	110		51	750	750	240
	4	1200	460	510	10	134	110		62	750	750	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER	2520		ON HAND	
	ON HAND AT START OF DAY	7447		CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	4200
	EXPENDED DURING DAY	60		RECEIVED	
	REMAINING ON BOARD	7387		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1400		CONSUMED	
	EVAPORATED OR RECEIVED		DIC 2000		
	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

SUMMARY

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

REMARKS

1200-1600 WATCH
MACHINERY AS BEFORE

OILER HARDING FWT HUTTON REEFER BROOKS ELECT.
WATCH ENGR'S SIGNATURE- [illegible]

1600-2000 WATCH
BILGES AT SAFE LEVEL.

OILER SCHERMAN FWT DIERS REEFER BROOKS ELECT HANLY
WATCH ENGR'S SIGNATURE- [illegible]

2000-2400 WATCH
RECEIVING FUEL WATCH
BILGES AT SAFE LEVEL
MACHINERY AS BEFORE.

WATCH AS BEFORE
WATCH ENGR'S SIGNATURE- [illegible]

2400-0400 WATCH
MACH. AS BEFORE. ROUTINE INSPECTION OF MAIN & AUX MACH. SPACES
BILGES AT SAFE LEVELS.

OILER- MIGREOS FWT- LEARY, ELECT. BROOKS REEFER - HARDY
WATCH ENGR'S SIGNATURE- C.R. Spector 2/6

0400-0800 WATCH
MACH. AS BEFORE

WATCH AS BEFORE
WATCH ENGR'S SIGNATURE- C.R. Spector 2/6

0800-1200 WATCH
CHANGE F.O. SUCTION TO OUTBD SETTLER @ 0845. MACH. AS BEFORE
BILGES AT SAFE LEVELS

OILER - HARDING FWT - HUTTON REEFER - HERIGSTAD, ELECT - ~~LEYNICK~~ PORTER
WATCH ENGR'S SIGNATURE- C.R. Spector 2/6

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE

	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)	6180	6590	7000	7400	~~7800~~ 7800	8200
F.O. CONSUMED	450	410	410	400	400	400
MACHINERY PARTICULARS — PRESSURES — THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	130	130	130	130	130	130
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						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						

		WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) — TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING						
	FORWARD L. P. ROTOR BEARING						
	AFT. L.P. ROTOR BEARING						
	HOTTEST GEAR BEARING FORWARD						
	HOTTEST GEAR BEARING AFT						
	AUX. COND. CONDENSATE						
	1ST STAGE FEED WATER HEATER	160	162	161	160	161	160
	D. C. FEED WATER HEATER	232	232	230	231	231	232
	3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS — TEMPERATURES	F.O. TO BURNERS	152	150	150	150	150	150
	F. O. BACK PRESSURE						
	AIR TO FURNACE	91	91	92	90	91	90
	UPTAKE						
	MAIN STEAM	500	510	490	500	500	500
PRESSURES	SUPER HEAT	460	460	460	460	460	460
	F.O. TO BURNERS	175	165	165	175	175	165
	F.O. TEMP. IN SETTLING TANKS	90	80	80	80	80	83
	PORT BOILER UPTAKE						
	STBD. BOILER UPTAKE						
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	74	74	68	71	74	76
	FIRE ROOM TEMPERATURE						
	NOZZLES IN USE						
	NO. OF BURNERS IN USE	2	2	2	2	2	2
	BURNER TIP SIZE	C	C	C	C	C	C
	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	460	530	8	132	110		62	750	750	240
	4	1200	460	520	10	134	110		51	750	750	240
1600 TO 2000	3	1200	460	510	8	132	110		62	750	750	240
	4	1200	460	510	10	133	101		51	750	710	240
2000 TO 2400	3	1200	460	490	8	132	110		62	650	650	240
	4	1200	460	490	10	134	110		51	650	650	240
2400 TO 0400	3	1200	460	500	8	132	110		62	650	650	240
	4	1200	460	500	10	133	110		51	650	650	240
0400 TO 0800	3	1200	460	500	8	132	110		62	800	800	240
	4	1200	460	500	10	133	110		51	800	800	240
0800 TO 1200	3	1200	460	500	8	133	110		62	750	750	240
	4	1200	460	500	10	132	110		51	750	750	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER	2430		ON HAND	
	ON HAND AT START OF DAY	2389		CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	2400
	EXPENDED DURING DAY	58		RECEIVED	
	REMAINING ON BOARD	2331		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1400		CONSUMED	
	EVAPORATED OR RECEIVED			pic 2000	
	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

SUMMARY

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

REMARKS

1200-1600 WATCH

MACHINERY AS BEFORE

AT 1430 DILLER WAS TELEPHONED IN SIGN. DANDRIDGE ASKED TO TAKE WATCH.

PAINTERS IN FWD END ROOT SPRAYING METERS SOME SPRAY GOT INSIDE.

OILER HARDING FWT HUTTON ELECT. PORTER REEFER HARRISTON WATCH ENGR'S SIGNATURE

1600-2000 WATCH

ROUTINE INSPECTION

BILGES OK

OILER SELLERS DANDRIDGE FWT LEARY REEFER HANEY WATCH ENGR'S SIGNATURE

2000-2400 WATCH

ROUTINE INSPECTION

BILGES AT SAFE LEVEL

MACHINERY AS BEFORE

WATCH AS BEFORE WATCH ENGR'S SIGNATURE

2400-0400 WATCH

ROUTINE INSPECTION OF MAIN & AUX MACH. SPACES

MACHINERY AS BEFORE

BILGES AT SAFE LEVEL

REQUESTED & REFUSED PERMISSION TO BLOW TUBES

OILER-INGREDS, FWT-LEARY, REEFER-HARDY, ELECT-PORTER WATCH ENGR'S SIGNATURE C.R. Spector Jr

0400-0800 WATCH

MACH. AS BEFORE

WATCH AS BEFORE WATCH ENGR'S SIGNATURE C.R. Spector Jr

0800-1200 WATCH

MACH. AS BEFORE.

DUTY REEFER DID NOT REPORT TO ENG. ROOM DURING WATCH.

OILER-HARDING, FWT-HUTTON, ELECT-LEVINER REEFER- WATCH ENGR'S SIGNATURE C.R. Spector Jr

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
					30-31 May 1966

	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)	8600	9000	9390	9830		0700
F.O. CONSUMED	400	400	390	440		
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	130	130	130	130		130
BACK PRESSURE	12	12	12	11		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						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – AFT. H. P. ROTOR BEARING						
FORWARD L. P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						
HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER	160	162	160	156	155	160
D. C. FEED WATER HEATER	234	230	230	230	230	234
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – F.O. TO BURNERS	152	152	152	150	154	150
F. O. BACK PRESSURE						
AIR TO FURNACE	92	91	89	88	89	90
UPTAKE						
MAIN STEAM	500	500	490	500	500	510
BOILER PARTICULARS – PRESSURES – SUPER HEAT	460	460	460	460	460	460
F.O. TO BURNERS	175	170	170	175	175	180
F.O. TEMP. IN SETTLING TANKS	83	80	80	85	85	80
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
MISCELLANEOUS – ENGINE ROOM TEMPERATURE	73	72	70	70	70	71
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE	2	2	2	2	2	2
BURNER TIP SIZE	C	C	C	C	C	C
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	460	500	8	135	120		62	650	650	270
	4	1200	460	500	10	135	115		52	650	650	290
1600 TO 2000	3	1200	460	500	8	132	110		62	650	650	270
	4	1200	460	500	10	132	105		52	650	650	290
2000 TO 2400	3	1200	460	490	8	132	110		62	600	600	240
	4	1200	460	490	10	134	110		52	700	700	240
2400 TO 0400	3	1200	460	500	8	132	110		62	600	600	240
	4	1200	460	500	10	133	110		52	600	600	240
0400 TO 0800	3	1200	460	500	8	132	110		61	850	850	240
	4	1200	460	500	10	134	110		51	850	850	240
0800 TO 1200	3	1200	460	510	8	135	110		61	900	900	240
	4	1200	460	490	10	133	110		51	900	900	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER	2436		ON HAND	
	ON HAND AT START OF DAY	2331		CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	2400
	EXPENDED DURING DAY	58		RECEIVED	
	REMAINING ON BOARD	2273		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1400		CONSUMED	
	EVAPORATED OR RECEIVED		DIR 2000		
	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

SUMMARY

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

REMARKS

1200-1600 WATCH
ROUTINE PORT WATCH
DUTY REEFER DID NOT REPORT TO ENG. ROOM THIS WATCH
KROPP, UTILITY MAN. PUMPED UP SIBD INBOARD F.O SETTLER

OILER HARDING FLT AUTTONE ELECT LEVINER REEFER ? WATCH ENGR'S SIGNATURE- [illegible] 2/C

1600-2000 WATCH
ROUTINE PORT WATCH.
BILGES AT SAFE LEVEL.

OILER SEGERSON FLT DIORS ELECT LEVINER REEFER HARDY WATCH ENGR'S SIGNATURE- [illegible] 2/C

2000-2400 WATCH
MACHINERY AS BEFORE
BILGES AS BEFORE
MACHINERY AS BEFORE

WATCH AS BEFORE WATCH ENGR'S SIGNATURE- [illegible] 2/C

2400-0400 WATCH
MACH. AS BEFORE. ROUTINE INSPECTION OF MACH. SPACES.
RECEIVED PERMISSION AND BLEW TUBES ON # 4 BOILER @ 0330.
BILGES AT SAFE LEVELS

OILER-MGREGOS FLT-LEARY REEFER-HARDY ELECT-LEVINER WATCH ENGR'S SIGNATURE- C.R. Spector 2/E

0400-0800 WATCH
MACH. AS BEFORE. ROUTINE INSPECTION OF MACH. SPACES.
BILGES AT SAFE LEVELS

WATCH AS BEFORE WATCH ENGR'S SIGNATURE- C.R. Spector 2/E

0800-1200 WATCH
MACH AS BEFORE CHANGED TO INBD SET.

WATCH ENGR'S SIGNATURE- [illegible]

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Wm J Pope		@ Oakland			5-31/6-1-66

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME						
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)						
TOTAL REVOLUTIONS (FOR WATCH)						
AVERAGE RPM						
24/5 O. METER (END OF WATCH)	1140	1580	2030	2550	3030	3/30
F.O. CONSUMED	440	440	450	520	480	700
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	130	130	130	130	130	130
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						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – AFT. H. P. ROTOR BEARING						
FORWARD L. P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						
HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE	120	118	112	119	120	120
1ST STAGE FEED WATER HEATER	160	[illegible]				
D. C. FEED WATER HEATER	234	235	235	234	236	236
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – F.O. TO BURNERS	150	150	150	150	150	150
F. O. BACK PRESSURE						
AIR TO FURNACE	91	92	92	92	92	92
UPTAKE						
MAIN STEAM	520	500	500	510	510	500
BOILER PARTICULARS – PRESSURES – SUPER HEAT	460	460	460	460	460	460
F.O. TO BURNERS	200	185	185	185	200	180
F.O. TEMP. IN SETTLING TANKS	80	75	75	80	83	85
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
MISCELLANEOUS – ENGINE ROOM TEMPERATURE	73	72	73	74	74	78
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE	2	2	2	2	2	2
BURNER TIP SIZE	C	C	C	C	C	C
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	460	510	8	135	110		61	950	950	240
	4	1200	460	510	10	133	110		51	950	950	240
1600 TO 2000	3	1200	460	500	8	132	110		61	900	900	240
	4	1200	460	500	10	134	110		51	900	900	240
2000 TO 2400	3	1200	460	500	8	132	110		61	850	850	240
	4	1200	460	500	10	134	110		51	850	850	240
2400 TO 0400	3	1200	460	510	8	132	110		61	1000	1000	240
	4	1200	460	510	10	134	110		51	1000	1000	240
0400 TO 0800	3	1200	460	510	8	132	110		61	1100	1100	240
	4	1200	460	510	10	134	110		52	1100	1100	240
0800 TO 1200	3	1200	460	550	8	133	110		61	1000	1000	240
	4	1200	460	550	10	132	110		52	1000	1000	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER	2604		ON HAND	
	ON HAND AT START OF DAY	2213		CONSUMED	
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	4500
	EXPENDED DURING DAY	62		RECEIVED	
	REMAINING ON BOARD	2211		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	1400		CONSUMED	
	EVAPORATED OR RECEIVED		D/B 2000		
	ON HAND				
	CONSUMED				

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH
M/Acl AS BEFORE. STARTED PURIFIER & L.O. PUMP TO WARM M/N UNIT
L.O.

WATCH ENGR'S SIGNATURE- [illegible]

1600-2000 WATCH
MACHINERY AS BEFORE
BILGES AT SAFE LEVEL
CH. ELECTRICIAN WORKING ON #2 F.D. BOILER BLOWER.

OILER INGRESS FWT DIERS KUTZE HARDY ELECT JENKINS WATCH ENGR'S SIGNATURE- [illegible]

2000-2400 WATCH
ROUTINE INSPECTIONS OF MAIN & AUX MACH SPACES
BILGES OK
MAIN & BOILERS

WATCH ENGR'S SIGNATURE- [illegible]

MACHINERY AS BEFORE

2400-0400 WATCH
MACHINERY AS BEFORE ROUTINE INSPECTION OF MAIN & AUX MACH. SPACES
BILGES AT SAFE LEVELS. MR. LEGGETT & MR. CLEMONS
STARTED LIGHTING OFF FWD PLANT @ 0001.

OILER INGRESS, FWT- PUCKETT, REEFER - HARDY ELECT - JENKINS WATCH ENGR'S SIGNATURE- [illegible]

0400-0800 WATCH
MACHINERY AS BEFORE.

WATCH AS BEFORE WATCH ENGR'S SIGNATURE- [illegible]

0800-1200 WATCH
M/Acl AS BEFORE. RAISED VACUUM M/N UNIT @ 1000, WARMED M/N ENG. @ 0830
SHIFTED SHIP TO NSC BELLS AS PER TELLBOOK. STBD @ 0847 FROM 2/53160
CTR 0000097, 0000104, FILE @ 1111 FROM 2/53620 CTR 0000354/5, 0000300

WATCH ENGR'S SIGNATURE- [illegible]

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
					JUNE 1-2

	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						
245 F.O. METER (END OF WATCH)	4270	4730	5180	5560	5960	6410
F.O. CONSUMED	440	460	450	380	400	450
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	130	130	130	130	130	130
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						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						

	WATCH					
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – AFT. H. P. ROTOR BEARING						
FORWARD L. P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						
HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE	124	115	110	108	113	115
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER	234	234	234	234	234	234
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – F.O. TO BURNERS	150	150	150	150	150	
F. O. BACK PRESSURE						
AIR TO FURNACE	92	91	91	88	88	
UPTAKE						
MAIN STEAM	550	470	470	510	500	
BOILER PARTICULARS – PRESSURES – SUPER HEAT	460	460	460	460	460	
F.O. TO BURNERS	240	240	240	165	170	
F.O. TEMP. IN SETTLING TANKS						85
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
MISCELLANEOUS – ENGINE ROOM TEMPERATURE	77	74	73	72	72	
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE	2	2	2	2	2	2
BURNER TIP SIZE	C	C	C	C	C	C
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	460	550	8	133	110		61	1100	1100	240
	4	1200	460	550	10	132	110		51	1100	1100	240
1600 TO 2000	3	1200	460	470	8	132	110		61	850	850	240
	4	1200	460	470	10	132	107		57	850	850	240
2000 TO 2400	3	1200	460	470	8	132	110		61	600	600	240
	4	1200	460	470	10	132	105		57	600	600	240
2400 TO 0400	3	1200	460	500	8	132	110		61	600	600	240
	4	1200	460	500	10	134	110		51	600	600	240
0400 TO 0800	3	1200	460	500	8	132	110		61	750	750	240
	4	1200	460	500	10	134	110		51	750	750	240
0800 TO 1200	3	1200	450	480	8	132	110		61	750	750	240
	4	1200	450	480	10	134	110		51	750	750	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED
	CONSUMED BY METER	2680		ON HAND
	ON HAND AT START OF DAY	2273		CONSUMED
	RECEIVED DURING DAY	—	LUBE OIL	ON HAND AT START OF DAY
	EXPENDED DURING DAY	64		RECEIVED
	REMAINING ON BOARD	2209		ON HAND
DOMESTIC WATER	ON HAND AT START OF DAY			CONSUMED
	EVAPORATED OR RECEIVED			
	ON HAND			
	CONSUMED			

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
2	–	–	–		

SUMMARY

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

REMARKS

1200-1600 WATCH
MACH AS BEFORE. SECD MCALLUM M/D UNIT. SECD M/D CIRC., JACK GEAR & L.O. TO M/D. @ 1500

WATCH ENGR'S SIGNATURE- [illegible]

1600-2000 WATCH
MACH. AS BEFORE
SEC. L.O SYS. PUMP + MAIN CIRC

OILER SEEGELMAN FWT PIERSALL BROOKS RELIEF HARDY WATCH ENGR'S SIGNATURE- [illegible]

2000-2400 WATCH
MACHINERY AS BEFORE
BILGES AT SAFE LEVEL

WATCH ENGR'S SIGNATURE- [illegible]

WATCH AS BEFORE

2400-0400 WATCH
MACHINERY AS BEFORE. ROUTINE INSPECTION OF MAIN & AUX MACH SPACES.
BILGES AT SAFE LEVELS

OILER-MCGREOS FWT-WENJER REEFER-HARDY ELECT-BROOKS WATCH ENGR'S SIGNATURE- C.R. Specter R/E

0400-0800 WATCH
MACH. AS BEFORE

WATCH AS BEFORE WATCH ENGR'S SIGNATURE- C.R. Specter R/E

0800-1200 WATCH
MACH. SAME AS BEFORE - F.O. COMING ABOARD @ 0900

OILER-HARDING FWT-AUTON WATCH ENGR'S SIGNATURE- Milton H. Leggett

CHIEF ENGINEER
WATER METER AFTER TAKING ON LAST FRESH WATER FROM OAKLAND DOCK + WAREHOUSE. 042 3048 CUBIC FT.

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
					June 2-3

	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	6800	7260				
F.O. METER (END OF WATCH)	~~5695~~	7200	7610	8060	8500	8920
F.O. CONSUMED	390	400	410	450	460	420
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	130	130	130	130	130	130
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						
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						

	WATCH					
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – AFT. H. P. ROTOR BEARING						
FORWARD L. P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						
HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE	110	113	113	114	116	114
1ST STAGE FEED WATER HEATER						
D. C. FEED WATER HEATER	236	235	234	236	236	236
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – F.O. TO BURNERS	150	150	150	150	150	150
F. O. BACK PRESSURE						
AIR TO FURNACE		91	89	88	88	
UPTAKE						
MAIN STEAM	480	485	490	510	500	480
PRESSURES – SUPER HEAT	460	460	460	460	460	460
F.O. TO BURNERS	180	170	180	180	175	180
F.O. TEMP. IN SETTLING TANKS	85	80	80	85	85	85
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
MISCELLANEOUS – ENGINE ROOM TEMPERATURE		74	73	70	72	
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE	2	2	2	2	2	2
BURNER TIP SIZE	C	C	C	C	C	C
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	480	485	8	134	112		61	800	800	240
	4	1200	460	480	10	~~112~~ 125	120		51	800	800	240
1600 TO 2000	3	1200	460	485	8	132	110		61	800	800	240
	4	1200	460	485	10	134	110		51	800	800	240
2000 TO 2400	3	1200	460	440	8	132	110		61	750	750	240
	4	1200	460	440	10	132	110		51	750	750	240
2400 TO 0400	3	1200	460	510	8	132	110		61	750	750	240
	4	1200	460	510	10	134	110		51	750	750	240
0400 TO 0800	3	1200	460	500	8	132	110		61	900	900	240
	4	1200	460	500	10	134	110		51	900	900	240
0800 TO 1200	3	1200	460	480	8	134	110		61	800	800	240
	4	1200	460	480	10	135	112		51	800	800	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER	2350		ON HAND	
	ON HAND AT START OF DAY	2269		CONSUMED	
	RECEIVED DURING DAY	16004	LUBE OIL	ON HAND AT START OF DAY	
	EXPENDED DURING DAY	60		RECEIVED	
	REMAINING ON BOARD	2149		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	18153		CONSUMED	
	EVAPORATED OR RECEIVED				
	ON HAND				
	CONSUMED				

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH Moored @ NSC OAKLAND #4 Boiler, #3 & 4 S/S Gen. #4 F/Pump & cond pump, #Aux Circ. #2 FW & SW Pumps in operation.

Fire Drill @ 1300 Sec. 1320 Boat Drill @ 1325 Sec. @ 1341
Oiler - Harding FWT - Hutton WATCH ENGR'S SIGNATURE- William A. Leggett

1600-2000 WATCH
At 1730 Changed to Stbd. Outboard F.O. Settler.
At 1710 Ships Crew Completed Taking on Fuel Oil 16,500 Bbls Gross.
Machinery as Before

Oiler Sergeman FWT Oilers Lalot & Rodriguez WATCH ENGR'S SIGNATURE- [illegible]

2000-2400 WATCH
Bilges at Safe Level
Routine inspections of Main & Aux Mach Spaces at Regular Intervals.
Cracked open heat to after quarters

Watch as Before WATCH ENGR'S SIGNATURE- [illegible]

2400-0400 WATCH
Machinery as before. Routine inspection of main & aux mach spaces.
Received permission & blew tubes on #4 Boiler @ 0340.
Bilges at safe levels.

Oiler - Mgreos, FWT - Wenner Elect - Porter, Reefer - Hardy WATCH ENGR'S SIGNATURE- C.R. Specter R/E

0400-0800 WATCH
Machinery as before.

Watch as Before WATCH ENGR'S SIGNATURE- C.R. Specter R/E

0800-1200 WATCH
Same as before except Test Run #1 & 2 Motor Launch
Low L.O. Alarm and Stbd Steering Motor Failure Alarm Tested

0845 - F/Drill Sec-0903 B/Drill - 0904 Sec.

WATCH ENGR'S SIGNATURE- William A. Leggett

CHIEF ENGINEER
Water Meter At Start to Take on Fresh Water at Oakland Naval Supply. 46894400 Gal. At

Rec'd 16.004 BBls bunker C F.O.

CHIEF ENGR'S SIGNATURE- J. O'Halloran

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
					34 June

	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						
245 F.O. METER (END OF WATCH)	9330	9750	0160	0570	0900	1350
F.O. CONSUMED	410	420	410	410	430	450
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	150	150	150	130	130	130
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	60					
CIRC. WATER OUT						
L.O. TO COOLERS						
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING						
	FORWARD L. P. ROTOR BEARING						
	AFT. L.P. ROTOR BEARING						
	HOTTEST GEAR BEARING FORWARD						
	HOTTEST GEAR BEARING AFT						
	AUX. COND. CONDENSATE	112	118	118	124	126	126
	1ST STAGE FEED WATER HEATER		132	134	133	130	135
	D. C. FEED WATER HEATER	236	236	236	236	236	238
	3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES	F.O. TO BURNERS	150	150	150	150	150	150
	F. O. BACK PRESSURE						
	AIR TO FURNACE	95	91	91	91	91	91
	UPTAKE						
	MAIN STEAM	480	480	480	480	480	480
BOILER PARTICULARS – PRESSURES	SUPER HEAT	460	460	460	460	460	460
	F.O. TO BURNERS	160	180	180	180	180	180
	F.O. TEMP. IN SETTLING TANKS	85	85	85	85	85	85
	PORT BOILER UPTAKE						
	STBD. BOILER UPTAKE						
MISCELLANEOUS	ENGINE ROOM TEMPERATURE						
	FIRE ROOM TEMPERATURE	73	70	68	66	66	65
	NOZZLES IN USE						
	NO. OF BURNERS IN USE	2	2	2	2	2	2
	BURNER TIP SIZE	C	C	C	C	C	C
	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	460	480	8	134	110		61	750	750	240
	4	1200	460	480	10	134	115		51	750	750	240
1600 TO 2000	3	1200	460	480	8	132	110		61	750	750	240
	4	1200	460	480	10	134	110		51	750	750	240
2000 TO 2400	3	1200	460	480	8	132	110		61	650	650	240
	4	1200	460	480	10	134	110		51	700	700	240
2400 TO 0400	3	1200	460	480	10	134	110		61	700	700	240
	4	1200	460	480	10	134	110		51	650	650	240
0400 TO 0800	3	1200	460	480	10	134	110		61	750	700	240
	4	1200	460	480	10	134	110		51	650	700	240
0800 TO 1200	3	1200	460	480	10	126	110		61	700	750	240
	4	1200	460	480	10	116	110		51	750	750	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER	2520		ON HAND	
	ON HAND AT START OF DAY	~~2149~~		CONSUMED	
	RECEIVED DURING DAY	18,153	LUBE OIL	ON HAND AT START OF DAY	
	EXPENDED DURING DAY	59		RECEIVED	
	REMAINING ON BOARD	2090		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	18094		CONSUMED	
	EVAPORATED OR RECEIVED				
	ON HAND				
	CONSUMED				

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH Moored @ NSC Oakland #4 Boiler & #3 & 4 S/S Gen in operation.

Oiler-Harding F.W.T.-Hutton WATCH ENGR'S SIGNATURE- William H. Leggett

1600-2000 WATCH
Routine Port watch
Barges at Lake side
At 1925 to 1935 A slight fire in Casing. Controller was on 1st notch. & Resistors overheated.
At abo. 1935 New Orleans Bessley Telephoned in to find what watch he is on. & when he had to turn to. I told him not until Monday
Oiler McGregor Fireman Dinks fwt Jenkins Reefer Haney WATCH ENGR'S SIGNATURE- [illegible]

2000-2400 WATCH
Routine Port Watch
Barges at Lake side
Routine inspections on Main & Aux. Main Engines Naval Reserve Interiors.

Watch at Berth WATCH ENGR'S SIGNATURE- [illegible]

2400-0400 WATCH Relieved at 0015 H.S.L. R/E. Requested permission to blow tubes @ 0300 Permission denied, Wrong wind direction. Routine inspections. Bilges & sets level. Took up on contr. Feid pump rom.

Oiler-McGregor F.W.T.-Winner Elect. Jenkins - Reefer-Haney WATCH ENGR'S SIGNATURE- J.W. Robert R/E

0400-0800 WATCH
Routine port watch. Dept. ok

Oiler-Harding F.W.T. McIntyre Elect.-Jenkins Reefer- Hengsted WATCH ENGR'S SIGNATURE- J.W. Robert R/E

0800-1200 WATCH
8-4 Firemen called in sick - McIntyre - standing his watch.
Routine port watch. Dept. ok.

Oiler-Harding F.W.T.-McIntyre Elect. Jenkins Reefer - Hengsted WATCH ENGR'S SIGNATURE- J.W. Robert R/E

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE- [illegible]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
					4-5 June

	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)	1780	2200	2630	3050	3530	3910
F.O. CONSUMED	430	420	410	420	480	370
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	130	130	132	130	130	130
BACK PRESSURE	10	10	11	11	11	11
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						

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – AFT. H. P. ROTOR BEARING						
FORWARD L. P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						
HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE	127 / 118	126 / 122	120 / 118	119 / 118	119 / 116	120 / 119
1ST STAGE FEED WATER HEATER	135	156	156	155	155	155
D. C. FEED WATER HEATER	230	230	230	230	230	235
3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES – F.O. TO BURNERS	150	150	150	150	150	150
F. O. BACK PRESSURE						
AIR TO FURNACE	92	90	90	90	90	92
UPTAKE						
MAIN STEAM	485	485	485	485	485	485
BOILER PARTICULARS – PRESSURES – SUPER HEAT	460	460	460	460	460	460
F.O. TO BURNERS	175	165	160	160	160	160
F.O. TEMP. IN SETTLING TANKS	85	85	85	82	82	82
PORT BOILER UPTAKE						
STBD. BOILER UPTAKE						
MISCELLANEOUS – ENGINE ROOM TEMPERATURE						
FIRE ROOM TEMPERATURE						
NOZZLES IN USE						
NO. OF BURNERS IN USE	2	2	2	2	2	2
BURNER TIP SIZE	C	C	C	C	C	C
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	460	480	8	136	110	62		750	750	240
	4	1200	460	480	10	135	120	51		750	750	240
1600 TO 2000	3	1200	460	480	8	136	110	62		750	750	240
	4	1200	460	480	10	135	120	51		750	750	240
2000 TO 2400	3	1200	460	480	8	132	110	62		650	650	240
	4	1200	460	480	10	132	110	51		650	650	240
2400 TO 0400	3	1200	460	480	8	132	110	62		650	650	240
	4	1200	460	480	10	132	110	51		650	650	240
0400 TO 0800	3	1200	460	480	8	132	110	62		700	650	240
	4	1200	460	480	10	132	110	51		700	650	240
0800 TO 1200	3	1200	460	480	8	132	110	62		700	650	240
	4	1200	460	480	10	134	110	51		700	650	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	
	METER PREVIOUS NOON	
	CONSUMED BY METER	
	ON HAND AT START OF DAY	~~2090~~
	RECEIVED DURING DAY	18,094
	EXPENDED DURING DAY	60
	REMAINING ON BOARD	18034
DOMESTIC WATER	ON HAND AT START OF DAY	
	EVAPORATED OR RECEIVED	
	ON HAND	
	CONSUMED	

BOILER WATER	ON HAND AT START OF DAY	
	EVAPORATED OR RECEIVED	
	ON HAND	
	CONSUMED	
LUBE OIL	ON HAND AT START OF DAY	
	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

SUMMARY

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

REMARKS

1200-1600 WATCH

Routine Port Watch

Bilges At Safe Level

ME Secretary Board Also M+R Machinists Tried Unsuccessfully To Start Motor

About 1400

Chief Harding For ME Intake Filter Maintenance Jenkins

WATCH ENGR'S SIGNATURE- [illegible]

1600-2000 WATCH

Routine Port Watch

Bilges At Safe Level

M+R Continued To Work On WTD #1 Gearbox

Lit Off HP Evap (M.E. Flow Evap)

Elect Jenkins

Chief Seggerman M+R For Maintenance Rep-Hanly

WATCH ENGR'S SIGNATURE- [illegible]

2000-2400 WATCH

M+R Knocked Off At About 2220

Bilges At Safe Level

Watch Personnel As Before

WATCH ENGR'S SIGNATURE- [illegible]

2400-0400 WATCH

Routine port watch. Requested permission to blow tubes. permission denied.

Bilges @ safe level

Regular inspections of plant + machinery areas.

Oiler-Seggerman F.W.T. Wenner Ref For-Hardy Elect-Jenkins

WATCH ENGR'S SIGNATURE- J.W. Robert R/E

0400-0800 WATCH

Leaking steam pipe at deck 3-40-2 aft Bulkhead trap Head.

otherwise Same as above

Changed over to Stbd. settler @ 1000

Oiler-Seggerman F.W.T. Wenner Ref For-Hardy Elect-Jenkins

WATCH ENGR'S SIGNATURE- J.W. Robert R/E

0800-1200 WATCH

Changed over to Stbd settler @ 1000. Routine port watch.

Oiler-Harding F.W.T.-Hutter Ref For-Hernsted Elect. Brooks

WATCH ENGR'S SIGNATURE- J.W. Robert R/E

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE- for O. Hallaran

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
					5-6 June.

	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)	4370	4840	5280	5760	6240	
F.O. CONSUMED	460	470	440	490	480	480
MACHINERY PARTICULARS – PRESSURES – THROTTLE						
H.P. AHEAD						
L.P. AHEAD						
VACUUM						
L.O. TO TURBINES						
AUX. STEAM	130	130	130	130	130	
BACK PRESSURE	11	11	11	11	11	
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	[illegible]	87	92	92	92	
L.O. FROM COOLERS						
TEMPERATURE THRUST BEARING						
FORWARD H.P. ROTOR BEARING						

		WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING						
	FORWARD L. P. ROTOR BEARING						
	AFT. L.P. ROTOR BEARING						
	HOTTEST GEAR BEARING FORWARD						
	HOTTEST GEAR BEARING AFT						
	AUX. COND. CONDENSATE	137	136	132	134	134	
	1ST STAGE FEED WATER HEATER	155	160	158	160	160	
	D. C. FEED WATER HEATER	230	228	233	234	232	
	3RD STAGE FEED WATER HEATER						
BOILER PARTICULARS – TEMPERATURES	F.O. TO BURNERS	150	150	150	150	150	
	F. O. BACK PRESSURE						
	AIR TO FURNACE	95	94	95	94	92	
	UPTAKE						
	MAIN STEAM	500	500	490	500	500	
BOILER PARTICULARS – PRESSURES	SUPER HEAT	460	460	460	460	460	
	F.O. TO BURNERS	200	200	240	150	150	
	F.O. TEMP. IN SETTLING TANKS	80	75	75	80	80	
	PORT BOILER UPTAKE						
	STBD. BOILER UPTAKE						
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	73	73	71	74	74	
	FIRE ROOM TEMPERATURE						
	NOZZLES IN USE						
	NO. OF BURNERS IN USE	2	2	2	2	2	
	BURNER TIP SIZE	C	C	C	C	C	
	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	460	500	8	136	110		62	700	700	240
	4	1200	460	500	10	135	120		57	700	700	240
1600 TO 2000	3	1200	460	500	8	132	110		62	800	800	240
	4	1200	460	500	10	132	110		57	800	800	240
2000 TO 2400	3	1200	460	490	8	132	110		62	800	800	240
	4	1200	460	490	10	132	110		51	850	850	240
2400 TO 0400	3	1200	460	500	8	132	110		62	800	800	240
	4	1200	460	500	10	134	110		51	800	800	240
0400 TO 0800	3	1200	460	500	8	133	110		61	950	950	240
	4	1200	460	500	10	134	110		51	950	950	240
0800 TO 1200												

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
	CONSUMED BY METER	2820		ON HAND	
	ON HAND AT START OF DAY	18034		CONSUMED	
	RECEIVED DURING DAY	—	LUBE OIL	ON HAND AT START OF DAY	
	EXPENDED DURING DAY	71		RECEIVED	
	REMAINING ON BOARD	17.963		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY			CONSUMED	
	EVAPORATED OR RECEIVED				
	ON HAND				
	CONSUMED				

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

L.O. CENTRIFUGE - HOURS OPERATED

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

SUMMARY

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

REMARKS

1200-1600 WATCH
ROUTINE PORT WATCH
BILGES AT SAFE LEVEL
MACHINERY AS BEFORE

OILER HARDING FWT HUTTON ELECT BROOKS REEFER MORIGSTAD WATCH ENGR'S SIGNATURE- [illegible] 1/E

1600-2000 WATCH
ROUTINE PORT WATCH
BILGES OK
MACHINERY AS BEFORE EXCEPT STARTED CIRCULATING L.O THROUGH
MAIN UNIT & STARTED L.O PURIFIER AT 1800

OILER SILVERMAN FWT DILBS ELECT BROOKS REEFER HANEY WATCH ENGR'S SIGNATURE- [illegible] 2/E

2000-2400 WATCH
ROUTINE PORT WATCH
BILGES AT SAFE LEVEL

WATCH PERSONNEL AS BEFORE WATCH ENGR'S SIGNATURE- [illegible] 2/E

2400-0400 WATCH
MACHINERY IN OPERATION AS BEFORE. ROUTINE INSPECTION OF MAIN & AUX MACH. SPACES.
BILGES AT SAFE LEVELS

~~OILER-MIGREOS, FWT-WENNER~~
~~SEA WATCHES AS PER WATCH LIST~~ ELEC. BROOKS, - REEFER - HANDY WATCH ENGR'S SIGNATURE- C. R. Specter R/E
0400-0800 WATCH CRS

MACHINERY AS BEFORE.

OILER-HARDING FWT-HUTTON ELECT.-BROOKS -- REEFER - HANDY WATCH ENGR'S SIGNATURE- C. R. Specter R/E
0800-1200 WATCH

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE- [illegible]