

REMARKS

1200-1600 WATCH

FWF @ 1241. BELLS AS PER BELL BOOK. CLOSED HH. BLKHD. STOPS @ 1243'
 ENGAGE AND START HH. WHIT ON JACKING GEAR. SECURED PLANT @ 1340.
 BLEW DOWN NO. 1 BOILER.

1600-2000 WATCH

ROUTINE PORT WATCH
 PLANT SECURED

WATCH ENGR'S SIGNATURE- *Ryan C. Nelson*

2000-2400 WATCH

PURGED UP #1 BLR + OPENED DOWN NEW #1 @ 2205.

WATCH ENGR'S SIGNATURE- *W. J. Hoff*

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- *W. J. Hoff*

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE- *W. J. Hoff*

0800-1200 WATCH

FWD ENG. RM PERSONNEL WORKING ON NO. 2 BOILER, AND DOING
 MAINTENANCE WORK IN ENG. RM.

WATCH ENGR'S SIGNATURE- *W. J. Hoff*

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE- *Ryan C. Nelson*

CHIEF ENGR'S SIGNATURE-

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

GENERATORS												FUEL - WATER AND LUBE OIL											
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL		DOMESTIC WATER		LUBE OIL		BOILER WATER				
1200 TO 1600													METER AT NOON						ON HAND AT START OF DAY				
													METER PREVIOUS NOON						EVAPORATED OR RECEIVED				
													CONSUMED BY METER						ON HAND				
													ON HAND AT START OF DAY						CONSUMED				
													RECEIVED DURING DAY						ON HAND AT START OF DAY				
													EXPENDED DURING DAY						RECEIVED				
													REMAINING ON BOARD						ON HAND				
													ON HAND AT START OF DAY						CONSUMED				
													EVAPORATED OR RECEIVED										
1600 TO 2000													ON HAND										
2000 TO 2400													CONSUMED										
2400 TO 0400																							
0400 TO 0800																							
												LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gals.)											
												L.O. CENTRIFUGE - HOURS OPERATED											
1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200													
												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

STARTED M.H. L.O. CIRCULATING @ 1230. STARTED L.O. PURIF. @ 1300.
 BLEW DOWN GUAGE GLASSES AND LITE OFF NO. 1 BOILER @ 1430.
 SECURED PLANT @ 1605. BOILER PRESS. 80, P.S.I. - 1615.
 SUPHTR. VENT OPEN.

WATCH ENGR'S SIGNATURE

Ryner C. Dwyer

1600-2000 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE

Ryner C. Dwyer

2000-2400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE

Ryner C. Dwyer

2400-0400 WATCH

WATCH ENGR'S SIGNATURE

0400-0800 WATCH

WATCH ENGR'S SIGNATURE

0800-1200 WATCH

150# AUX. STM. FROM AFTER PHG. RM. @ 0800. CLEARED AND STARTED L.O. PURIF. @ 0825
 BLOW DOWN GUAGE GLASSES AND LITE OFF NO. 1 BOILER @ 0835. TODD SHIPYARD ALIGNING
 MOTOR PULLY ON M.H. AIR COMPRESSER. BLOW DOWN GUAGE GLASSES AND LITE OFF NO 2 BOILER
 @ 0930. 150# STM. ON LINE @ 1120. RAISING VACUUM ON M.H. AUX. PLANTS @ 1100. START NO.
 1 D.C. GEN. @ 1150.

WATCH ENGR'S SIGNATURE

Ryner C. Dwyer

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Gen. Pope										11/17-18/65	

	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						140
DETENTION TIME								FORWARD L. P. ROTOR BEARING						130
REVOLUTION COUNTER (END OF WATCH)					7223 4115	7225 6527		AFT. L. P. ROTOR BEARING						145
TOTAL REVOLUTIONS (FOR WATCH)					7223 4115	18872		HOTTEST GEAR BEARING FORWARD						145
AVERAGE RPM						78.6		HOTTEST GEAR BEARING AFT						140
F.O. METER (END OF WATCH)					8330 9730	6510 720		AUX. COND. CONDENSATE			0	92	92	
F.O. CONSUMED						2080		1ST STAGE FEED WATER HEATER						
MACHINERY PARTICULARS	THROTTLE					390		D. C. FEED WATER HEATER	200	242	238	242	240	240
	H.P. AHEAD					240		3RD STAGE FEED WATER HEATER						
	L.P. AHEAD					0		F.O. TO BURNERS				190	180	200
	VACUUM				28.6	28.0	28.4	F.O. BACK PRESSURE					20	
	L.O. TO TURBINES	114	120	110	118	12	11.5	AIR TO FURNACE				108	108	
	AUX. STEAM				150	150	150	UPTAKE						
	BACK PRESSURE						7	MAIN STEAM				680	740	
	GLAND STEAM				3	4	4	SUPER HEAT					400	
	H.P. BLEEDER							F.O. TO BURNERS				180	VAR.	
	I.P. BLEEDER							F.O. TEMP. IN SETTLING TANKS						
L.P. BLEEDER							PORT BOILER UPTAKE							
STEAM AT THROTTLE						740	STBD. BOILER UPTAKE							
L.P. EXHAUST							ENGINE ROOM TEMPERATURE							
CONDENSATE	87	87	72	90	92	89	FIRE ROOM TEMPERATURE							
CIRC. WATER IN				64	64	64	NOZZLES IN USE					20		
CIRC. WATER OUT				74	74	74	NO. OF BURNERS IN USE				2	6		
L.O. TO COOLERS	110	120	110	112	110	110	BURNER TIP SIZE				53/70	2 x 20-51		
L.O. FROM COOLERS	114	116	112	110	1	110	CO ₂ % PORT BOILER							
TEMPERATURE THRUST BEARING						123	CO ₂ % STBD. BOILER							
FORWARD H.P. ROTOR BEARING						145	OIL LEVEL MAIN SUMP							

WATCH	GENERATORS											FUEL - WATER AND LUBE OIL			
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	WATER	LUBE OIL
1200 TO 1600	1	1200	440		9	120	110		61	800	800	240	METER AT NOON		ON HAND AT START OF DAY
													METER PREVIOUS NOON		EVAPORATED OR RECEIVED
	2	1200	440		8	128	119		70	-	-	240	CONSUMED BY METER		ON HAND
1600 TO 2000	1	1200	440		9	120	110		61	800	800	240	ON HAND AT START OF DAY		CONSUMED
													RECEIVED DURING DAY		ON HAND AT START OF DAY
	2	1200	440		8	128	118		70	-	-	240	EXPENDED DURING DAY		RECEIVED
2000 TO 2400	1	1200	440		9	128	118		61	950	950	240	REMAINING ON BOARD		ON HAND
													ON HAND AT START OF DAY		CONSUMED
	2	1200	440		8	117	118		70	-	-	240	EVAPORATED OR RECEIVED		
2400 TO 0400	1	1200	440		9	120	105		61	950	950	240	ON HAND		
													CONSUMED		
	2	1200	440		8	130	120		70						
0400 TO 0800	1	1340	440		9	118	108		62	1150	1150	240			
	2	1340	440		8	130	120		70			240			
	1	1340			9	120	110		61	1150	1150	240			
					8	128	119		62	-	-	240			

L.O. CENTRIFUGE - HOURS OPERATED					
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
			4	4	4

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

L.O. PURIFIER FROM SUMP TO SUMP. JACKING GEAR ENGAGED B/OB. L.O. CIRC. ON MAIN UNIT. VACUUM ON M/UNIT AND AUX. GEN. #1 BOILER ON LINE. @ 1430. #2 BOILER ON LINE AND #1 GEN. #2 IDLING. #1 F.W. AND S.W. PUMP ON LINE. AUX. A/EJECTOR C/CONNECTED TO MAIN. MAIN CIRC. AND COND. PUMP IN OPERATION. PORT STEERING MOTOR. #1 & 2 FEED PUMP A.F.O. PUMP OPERATING. MST'S INSPECTORS AND TOTT S/YARD WORKERS PRESENT. 1530 SECURED P/STEERING. 70# LINE THROTTLES. AC. UNIT ON LINE

JR. ENGR. McILHONNE OILER - HENPEL FWT - Mc Gee

WATCH ENGR'S SIGNATURE -

McGee

1600-2000 WATCH

CLEARED L.O. PURIF. NO. 1-2 BOILERS ON LINE. MAINTAINING VACUUM ON M.H. UNIT. NO. 1 D.C. GEN. ON LINE. NO. 2 D.C. GEN IDLING.

JR. ENGR. LYNG. OILER HENPEL. FWT. HASSEY.

WATCH ENGR'S SIGNATURE -

2000-2400 WATCH

STARTED L.O. PURIF. @ 2000, M.H. SUMP TO M.H. SUMP.

JR. ENGR. LYNG. OILER HENPEL. FWT. HASSEY.

WATCH ENGR'S SIGNATURE -

2400-0400 WATCH

Machinery as before. 10# & 70# R/STA. THROTTLES. ROUTINE INSPECTION OF MACHINERY AND SPACES. COMPLIED WITH NIGHT AND STANDING ORDERS. AUX. EXB. REGULATED BY HAND.

COND. 7 GPM

JR. ENGR. - McILHONNE OILER - CLENNIS FWT - Mc Gee

WATCH ENGR'S SIGNATURE -

0400-0800 WATCH

Machinery as before: Tested telegraph & Sygech Clock w/ Bridge @ 0505
Screw Clearance from bridge; Turnings disengaged & rolling MN unit @ 05:
STAY @ 0633: Bells 25 per bell leg: INCREASE TO 70 RPM @ 0746:

WATCH ENGR'S SIGNATURE -

McGee

0800-1200 WATCH

ON THE BLOCK @ 0755. DEPARTURE @ 0830 C-72237455. M-490878-159994
CHANGED OVER SETTS. @ 0815. 14 NOZZES @ 0830. 16 NOZZES @ 0900. 20 NOZZES
@ 0925. 50 TIPS, ONE BURNER IN P-5. BOILERS. 20 NOZZES @ 1022.
(SEA TRILL)

WATCH ENGR'S SIGNATURE -

McGee

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE -

REMARKS

1200-1600 WATCH

UNDERWAY WITH NECESSARY MACHINERY IN OPERATION, © @ 1300 72,260670, © @ ARR 72268000
 ARR. 1430. MST'S INSPECTORS PRESENT @ DIFFERENT INTERVALS. MR. KNAPP AND MR. FREY AT THROTTLE.

JR. Eng. Melhorne Oiler-Clemens FWT-McGee

WATCH ENGR'S SIGNATURE

1600-2000 WATCH

FINE @ 1640 BELLS AS PER BELL LOG: JACKING GEAR ENGAGED
 16:43 #1 & 2 DG GEN'S W/SHIPS LOAD @ 1650: VAC. BROKEN ON
 MN UNIT: #1 BOILER CUT OUT @ 18:00: F.O. SUET #4 OUT

TOOK OVER WATCH AT 1730. SECURED L.O. PURIFIER FOR CLEANING

OILER

JR. DUNNAN FWT-McGee

WATCH ENGR'S SIGNATURE

2000-2400 WATCH

L.O. PURIFIER CLEANED & PUT BACK ON LINE @ 2125

CONTINUED TO LOOK FOR HOT WATER LINES TO TOPSIDE AREA
 SECURED JACKING GEAR & LUBE OIL ON MAIN UNIT @ 2330.

2400-0400 WATCH

Over Humpie For Masey JETLYNG.
 Aux. Vacuum varying from 18" to 28" seems to be 150#
 pressure.

0400-0800 WATCH

Oilers: Clemens FWT: McGee Jr. Melhorne
 10# line on hand control. main stop to automatic
 back pressure line secured. 10# line was dumping excessive
 steam into both auxillary condensers causing loss of vacuum

Watch as before

WATCH ENGR'S SIGNATURE

0800-1200 WATCH

CLEANED AND STARTED L.O. PURIF. MN. SUMP TO MN. SUMP.

NO. 1-2 D.C. GEN'S. ON LINE. NO. 2 BOILER ON LINE-

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE

CHIEF ENGR'S SIGNATURE

REMARKS

1200-1600 WATCH

NO. 2 BOILER ON LINE. NO. 1-2 D.C. GEN'S ON LINE.

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

ROUTINE PORT WATCH

SECURED 70th STEAM & 35th STEAM THROUGH OUT TOPSIDE AREA
 FOR ENG UTILITY TO HOOK UP CAPPED STEAM LINES
 NOTED DRAIN IN PORT SHAFT ALLY BILGE DID NOT PUMP

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

BILGE HULL FWT MASSEY J. L. YNG

OPENED 70th & 35th STEAM TO TOPSIDE AREAS ENG UTILITY

BLOW TUBES

PUMPED BILGE DOWN FORT & SET ENG ROOM

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

WATCH PERSONNEL AT BUREAU

Jr. Eng. worked on #1 boiler water gauge glass connection
 & repacked nozzle valves. Routine port watch.

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

Jr. Eng: Duncan Oiler Johnson FWT Buckels

Routine port watch

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

Watch as before

Changed Sett. inboard to outboard @ 0815

CLEANED L.O. PURIFIER, BARGEON SUMP TO SUMP

WATCH ENGR'S SIGNATURE-

Jr/E - MILLHORN
CHIEF ENGINEER

OTHER - CHAMBERS - FWT - MCGEE

CHIEF ENGR'S SIGNATURE-

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
										11/20-21/65	

		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													
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)													
TOTAL REVOLUTIONS (FOR WATCH)													
AVERAGE RPM													
F.O. METER (END OF WATCH)		18170		4619 00	19480	20000	19200 20520						
F.O. CONSUMED		780				520	520						

		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
THROTTLE													
H.P. AHEAD													
L.P. AHEAD													
VACUUM		28"	28"	28"	28.5"	28.5"	28.5"						
L.O. TO TURBINES													
AUX. STEAM		150	150	150	140	140	140						
BACK PRESSURE		10	10	10	9	9	9						
GLAND STEAM		4	4	4	4	4	4						
H.P. BLEEDER													
I.P. BLEEDER													
L.P. BLEEDER													
STEAM AT THROTTLE													
L.P. EXHAUST													
CONDENSATE		84	84	86	82	82	82						
CIRC. WATER IN		64	64	64	62	62	62						
CIRC. WATER OUT		74	74	74	74	72	72						
L.O. TO COOLERS													
L.O. FROM COOLERS													
TEMPERATURE THRUST BEARING													
FORWARD H.P. ROTOR BEARING													

		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
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		84	85	86	82	82	84						
1ST STAGE FEED WATER HEATER													
D. C. FEED WATER HEATER		240	240	240	236	230	240						
3RD STAGE FEED WATER HEATER													
F.O. TO BURNERS		200	200	200	195	195	195						
F. O. BACK PRESSURE													
AIR TO FURNACE		154	112	112	109	109	109						
UPTAKE													
MAIN STEAM													
SUPER HEAT													
F.O. TO BURNERS		130	125	135	135	145	195						
F.O. TEMP. IN SETTLING TANKS													
PORT BOILER UPTAKE													
STBD. BOILER UPTAKE													
ENGINE ROOM TEMPERATURE													
FIRE ROOM TEMPERATURE													
NOZZLES IN USE													
NO. OF BURNERS IN USE		2	2	2	2	2	2						
BURNER TIP SIZE		53-60	53-60	53-60	53-60	53-60	53-60						
CO ₂ % PORT BOILER													
CO ₂ % STBD. BOILER													
OIL LEVEL MAIN SUMP													

		GENERATORS										FUEL - WATER AND LUBE OIL									
		GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL		DOMESTIC WATER		LUBE OIL		L.O. CENTRIFUGE - HOURS OPERATED	
1200 TO 1600		1	1340	420		9	120	110		12	1000	1000	240	METER AT NOON		ON HAND AT START OF DAY		ON HAND			
		2	1340	420		8	130	120		61	1000	1000	240	METER PREVIOUS NOON		EVAPORATED OR RECEIVED		CONSUMED			
1600 TO 2000		1	1340	420		9	120	108		62	1050	1050	240	CONSUMED BY METER		ON HAND		ON HAND			
		2	1340	420		8	128	120		69	950	950	240	ON HAND AT START OF DAY		CONSUMED		ON HAND AT START OF DAY			
2000 TO 2400		1	1340	420		9	120	108		62	1000	1000	240	RECEIVED DURING DAY		RECEIVED		ON HAND			
		2	1340	420		8	130	120		68	650	650	240	EXPENDED DURING DAY		CONSUMED		RECEIVED			
2400 TO 0400		1	1340	420		9	120	110		62	1000	1000	240	REMAINING ON BOARD		ON HAND		ON HAND			
		2	1340	420		8	130	120		68	650	650	240	ON HAND AT START OF DAY		CONSUMED		CONSUMED			
0400 TO 0800		1	1340	420		9	120	120		62	850	850	240	EVAPORATED OR RECEIVED							
		2	1340	420		8	130	120		68	950	950	240	ON HAND							
0800 TO 1200														CONSUMED							

		L.O. CENTRIFUGE - HOURS OPERATED					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
		4	2	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

STARTED FILLING #1 STBD. FROM FW TK. @ 1230, NO. 2 BOILER ON THE
LINE. NO. 1-2 D.C. GEHS. ON LINE.
CHECKED AFTER ENG. RM.

JR. MILHORHE OILER CLEMENS, F.W.T. MASSEY R.C.H. HEGEE.

1600-2000 WATCH

CLEANED L.O. PURIF. WATCH ENGR'S SIGNATURE: *Ryan C. Johnson, N/E*

TWO REGULATOR VALVES DELIVERED TO QUARTER DECK BY A & A MACHINE
WORKS.

CHECKED AFTER ENG. RM.

JR. LYNG OILER HEMPEL F.W.T. MASSEY.

2000-2400 WATCH

STARTED L.O. PURIF. @ 2000 WATCH ENGR'S SIGNATURE: *Ryan C. Johnson, N/E*

CHECKED AFTER ENG. RM. SECURED F.W. FILLING TO NO. 1 STBD DEEP TK @ 2300
MR. KNAPP, 2ND. ASST. SECURED EMERGENCY AIR COMPRESSOR @ 2330, ELECTRIC
MOTOR RUNNING EXCESSIVELY HOT. CLEANED L.O. PURIFIER

JR. LYNG OILER HEMPEL, F.W.T. MASSEY.

2400-0400 WATCH

WATCH ENGR'S SIGNATURE: *Ryan C. Johnson, H/E*

Routine port watch

0400-0800 WATCH

JR. Duncan Oiler Johnson F.W.T. Nickols

WATCH ENGR'S SIGNATURE:

Routine port watch

0800-1200 WATCH

Watch as before

WATCH ENGR'S SIGNATURE:

CHANGED SETTLERS OUTBOARD TO INBOARD @ 0820.
ROUTINE WATCH

JR/E. MILHORNE F.W.T. M'GEE - OILER CLEMENS

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE:

CHIEF ENGR'S SIGNATURE.

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE		
USNS		11-24-65		TANP110. P-2		11-24-65						
WATCH							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)							4921	4921	4921	22430	22990	23640
F.O. CONSUMED							580	58	910	520	560	650
THROTTLE												
H.P. AHEAD												
L.P. AHEAD												
VACUUM							28"	28"	28"	28.5"	28.5"	28"
L.O. TO TURBINES												
AUX. STEAM							150	150	150	150	150	150
BACK PRESSURE							10	10	10	8	8	7
GLAND STEAM							4	4	4	4	4	4
H.P. BLEEDER												
I.P. BLEEDER												
L.P. BLEEDER												
STEAM AT THROTTLE												
L.P. EXHAUST												
CONDENSATE							86	86	86	84	86	86
CIRC. WATER IN							64	64	64	62	62	62
CIRC. WATER OUT							74	74	74	72	74	74
L.O. TO COOLERS												
L.O. FROM COOLERS												
TEMPERATURE THRUST BEARING												
FORWARD H.P. ROTOR BEARING												
AFT. H. P. ROTOR BEARING												
FORWARD L. P. ROTOR BEARING												
AFT. L. P. ROTOR BEARING												
HOTTEST GEAR BEARING FORWARD												
HOTTEST GEAR BEARING AFT												
AUX. COND. CONDENSATE							86	86	84	86		86
1ST STAGE FEED WATER HEATER												
D. C. FEED WATER HEATER							240	240	230	242		240
3RD STAGE FEED WATER HEATER												
F.O. TO BURNERS							200	200	200	200		200
F. O. BACK PRESSURE												
AIR TO FURNACE							108	110	107	107		110
UPTAKE												
MAIN STEAM												
SUPER HEAT												
F.O. TO BURNERS							130	170	140	125		130
F.O. TEMP. IN SETTLING TANKS												
PORT BOILER UPTAKE												
STBD. BOILER UPTAKE												
ENGINE ROOM TEMPERATURE												
FIRE ROOM TEMPERATURE												
NOZZLES IN USE												
NO. OF BURNERS IN USE							2	2	2	2		2
BURNER TIP SIZE							53-60	53-60	53-60	53-60		53-60
CO ₂ % PORT BOILER												
CO ₂ % STBD. BOILER												
OIL LEVEL MAIN SUMP												

GENERATORS												FUEL - WATER AND LUBE OIL					
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	WATER	LUBE OIL		
1200 TO 1600	1	1340	420		9	115	105		62	1000	1000	240	METER AT NOON		ON HAND AT START OF DAY		
	2	1340	420		8	130	120		68	850	850	240	METER PREVIOUS NOON		EVAPORATED OR RECEIVED		
1600 TO 2000	1	1340	420		9	115	105		62	800	800	240	CONSUMED BY METER		ON HAND		
	2	1340	420		8	130	118		68	800	800	240	ON HAND AT START OF DAY		CONSUMED		
2000 TO 2400	1	1340	420		9	115	105		62	800	800	240	RECEIVED DURING DAY		ON HAND AT START OF DAY		
	2	1340	420		8	130	120		68	800	800	240	EXPENDED DURING DAY		RECEIVED		
2400 TO 0400	1	1340	420		9	120	110		62	850	850	240	REMAINING ON BOARD		ON HAND		
	2	1340	420		8	128	118		68	900	900	240	ON HAND AT START OF DAY		CONSUMED		
0400 TO 0800	1	1340	420		9	120	110		62	950	950	240	EVAPORATED OR RECEIVED				
	2	1340	420		8	128	118		68	900	900	240	ON HAND				
0800 TO 1200	1	1340	420		9	120	110		62	950	950	240	CONSUMED				
	2	1340	420		8	128	118		68	950	950	240					

L.O. CENTRIFUGE - HOURS OPERATED					
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	3	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

NO. 2 BOILER ON LINE. NO. 1-2 D.C. GEHS ON LINE.
CHECKED AFTER ENG. RM. BILGES AT SAFE LEVEL. COMPLIED WITH NIGHT
AND STANDING ORDERS.

JR/E - MILLHORN FWT-MCGEE OILER-CLEMENS

1600-2000 WATCH

WATCH ENGR'S SIGNATURE

DRIVE CHAIN ON SLUIT. PUMP PARTED @ 1815.

CHECKED R.C.H.

CHECKED AFTER ENG. RM. BILGES AT SAFE LEVEL.
COMPLIED WITH NIGHT AND STANDING ORDERS.

JR. LYNCH OILER HEHREL. FWT MASSEY.

2000-2400 WATCH

WATCH ENGR'S SIGNATURE

CLEANED L.O. PURIF.

CHECKED AFTER ENG. RM. COMPLIED WITH STANDING ORDERS.

JR. LYNCH OILER HEHREL. FWT MASSEY.

2400-0400 WATCH

WATCH ENGR'S SIGNATURE

0400-0800 WATCH

WATCH ENGR'S SIGNATURE

0800-1200 WATCH

WATCH ENGR'S SIGNATURE

PLANT AS BEFORE. CHANGED OVER SETTS FROM INBRD. TO OUTBD. @ 0815

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE

CHIEF ENGR'S SIGNATURE