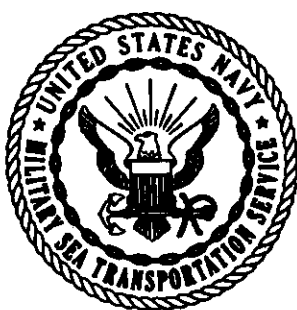


ENGINE ROOM LOG

GEARED TURBINE DRIVE



USNS GEN JOHN POPE TAP 110

FROM MARCH 10, 1970 TO APRIL 2, 1970

LOG DISCONTINUED
4-2-70

MSTS FORM 9410-1 (REV. 12-54)

PERTINENT DATA IN DECK
LOG AT GANGWAY

ELO
#

INSTRUCTIONS

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

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

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

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

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

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

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

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

(e) Pumping of bilges.

(f) Blowing of tubes.

(g) Examining holding down bolts.

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

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

(j) Record of special tests ordered made.

(k) Defects in supplies received.

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

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

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

USNS GEN John Pope VOYAGE NO. FROM PT HUNTER'S TO Point TYPE OF VESSEL DATE 3/10-11/70

WATCH							WATCH						
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
RUNNING TIME							AFT. H. P. ROTOR BEARING						
DETENTION TIME							FORWARD L. P. ROTOR BEARING						
REVOLUTION COUNTER (END OF WATCH)							AFT. L. P. ROTOR BEARING						
TOTAL REVOLUTIONS (FOR WATCH)							HOTTEST GEAR BEARING FORWARD						
AVERAGE RPM							HOTTEST GEAR BEARING AFT						
F.O. METER (END OF WATCH)							AUX. COND. CONDENSATE						
F.O. CONSUMED							1ST STAGE FEED WATER HEATER						
							D. C. FEED WATER HEATER						
							3RD STAGE FEED WATER HEATER						
MACHINERY PARTICULARS	PRESSURES						MACHINERY PARTICULARS (CONT'D)	TEMPERATURES					
	THROTTLE							F.O. TO BURNERS	200	200	200	200	200
	H.P. AHEAD							F.O. BACK PRESSURE					
	L.P. AHEAD							AIR TO FURNACE					
	VACUUM	28	28	28	28	28		UPTAKE					
	L.O. TO TURBINES							MAIN STEAM PRESS	440	440	440	440	440
	AUX. STEAM							SUPER HEAT					
	BACK PRESSURE	9	10	10	10	10		F.O. TO BURNERS	250	250	220	225	250
	GLAND STEAM							F.O. TEMP. IN SETTLING TANKS	110	112	112	114	110
	H.P. BLEEDER							PORT BOILER UPTAKE					
MACHINERY PARTICULARS	TEMPERATURES						MACHINERY PARTICULARS (CONT'D)	PRESSURES					
	I.P. BLEEDER							STBD. BOILER UPTAKE	280	280	280	280	275
	L.P. BLEEDER							ENGINE ROOM TEMPERATURE					
	STEAM AT THROTTLE							FIRE ROOM TEMPERATURE					
	L.P. EXHAUST							NOZZLES IN USE					
	CONDENSATE							NO. OF BURNERS IN USE	1	1	1	1	1
	CIRC. WATER IN	56	56	56	56	56		BURNER TIP SIZE	60	60	60	60	60
	CIRC. WATER OUT	68	68	68	68	68		CO ₂ % PORT BOILER					
	L.O. TO COOLERS							CO ₂ % STBD. BOILER					
	L.O. FROM COOLERS							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	
1200 TO 1600	3	1200	440		9	132	110		75	1000	1100	230	
1600 TO 2000	3	1200	440		9	132	110		75	920	950	230	
2000 TO 2400	3	1200	440		9	132	110		75	930	950	230	
2400 TO 0400	3	1200	440		9	132	110		75	850	850	230	
0400 TO 0800	3	1200	440		9	132	110		75	1100	1100	230	
0800 TO 1200	3	1200	440		9	132	110		75	1100	1100	230	
							FUEL OIL						
							BOILER WATER						
							LUBE OIL						
							DOMESTIC WATER						
							LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)						
							L.O. CENTRIFUGE - HOURS OPERATED						
							SUMMARY						
							RUNNING TIME						
							DETENTION TIME						
							TOTAL REVOLUTIONS						
							AVERAGE R.P.M.						
							TOTAL MILES BY ENGINE						
							TOTAL MILES BY OBSERVATION						

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	2018	CONSUMED	
RECEIVED DURING DAY		ON HAND AT START OF DAY	
EXPENDED DURING DAY	20	RECEIVED	
REMAINING ON BOARD	1998	ON HAND	
ON HAND AT START OF DAY		CONSUMED	
EVAPORATED OR RECEIVED			
ON HAND			
CONSUMED			
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)			
L.O. CENTRIFUGE - HOURS OPERATED			
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400
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 IN OPERATION B-3 D-3 F-3 G-3 P-3 ~~AE~~ AE
 M.C. Air, SAN & FIRE MAIN PRESS FROM DOCK.
 A.C. POWER FROM DOCK. M.U.F. SUCT #2 STBD OPTK.
 F.O. SUCT STBD OUTBD SETT. BLEW TUBES @ 1330. Pumped
 Bilges. TREATED BOILER

Oiler Bulla PWT Douglas

WATCH ENGR'S SIGNATURE

1600-2000 WATCH

MACHINERY AS BEFORE. MADE ROUNDS OF ENGINE SPACES. BILGES AT
 SAFE LEVEL. OBSERVED NIGHT & STANDING ORDERS.

Oiler - MacCollones PWT - JOHNSON

WATCH ENGR'S SIGNATURE

2000-2400 WATCH

MACHINERY AS BEFORE. MADE ROUNDS OF ENGINE SPACES. BILGES
 AT SAFE LEVEL. OBSERVED NIGHT & STANDING ORDERS.

Oiler - MacCollones PWT - JOHNSON

WATCH ENGR'S SIGNATURE

2400-0400 WATCH

Machinery as before.
 Made Rounds & Inspections as required.
 Bilges at safe level - Complied with orders.

Oiler Raigoza PWT Van Burskirk

WATCH ENGR'S SIGNATURE

0400-0800 WATCH

all as before

Oiler Raigoza PWT Van Burskirk

WATCH ENGR'S SIGNATURE

0800-1200 WATCH

MACHINERY AS BEFORE.
 Pumped bilges.

Oiler Bulla PWT Douglas*

WATCH ENGR'S SIGNATURE

CHIEF ENGINEER

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

CHIEF ENGR'S SIGNATURE

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
GEN John Pope				AT HUNTER'S		POINT				3-11-12-70	

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) F.O. CONSUMED							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 D. C. FEED WATER HEATER 3RD STAGE FEED WATER HEATER						
THROTTLE H.P. AHEAD L.P. AHEAD VACUUM L.O. TO TURBINES AUX. STEAM BACK PRESSURE GLAND STEAM H.P. BLEEDER I.P. BLEEDER L.P. BLEEDER 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							F.O. TO BURNERS F. O. BACK PRESSURE AIR TO FURNACE UPTAKE MAIN STEAM PRES SUPER HEAT F.O. TO BURNERS 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 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	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED	ON HAND AT START OF DAY	RECEIVED	ON HAND	CONSUMED	
1200 TO 1600	3	1200	440		9	132	110		75	1350	1250	230	1978										
1600 TO 2000	3	1200	440		9	132	110		75	950	950	230											
2000 TO 2400	3	1200	440		9	132	110		75	850	850	230											
2400 TO 0400	3	1200	440		9	132	110		75	850	850	230											
0400 TO 0800	3	1200	440		9	132	110		75	1000	1000	230											
0800 TO 1200	3	1200	440		9	132	110		75	1000	1000	230											

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: B-3, P-3, D-3, F-3, MC-3, AE
 A.C. POWER, Air, SAN & FIRE MAIN PRES. FROM DOCK.
 D.C. LOAD ON #3 & GEN. M.V.F. SUCT FROM #2 STBD P.P.T.K.
 F.O. SUCT STBD OTBD SETT. BLEW TUBES #3 boiler @ 1330.

Oiler BELLA F.W.T. DOUGLAS*

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

MACHINERY AS BEFORE. MADE ROUNDS OF ENGINE SPACES. BILGES AT
 SAFE LEVEL. OBSERVED NIGHT & STANDING ORDERS.

OILER-MAGALLONES FWT-JOHNSON

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

MACHINERY AS BEFORE. MADE ROUNDS OF ENGINE SPACES. BILGES
 AT SAFE LEVEL. OBSERVED NIGHT & STANDING ORDERS.

OILER-MAGALLONES FWT-JOHNSON

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

MACHINERY AS BEFORE
 MADE ROUNDS & INSPECTIONS AS REQUIRED
 BILGES AT SAFE LEVEL - COMPLIED WITH ORDERS.

Oiler: Raigoza - FWT: Ramos

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

all as before.

Oiler: Raigoza - FWT: Ramos

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

MACH. IN OPER. AS BEFORE. REMOVED VALVE DISC
 FROM FWD. ENG. RM. BILGE MAIN AIR OPER VALVE.
 PUMPED CARGO HOLD BILGES. REMOVED BOTT. BLOW VALVE
 FROM BOTH EVAPS B.E.R.

ELECTRICIAN, GARRET TESTED EM. DIESEL GEN @ 0930-1030 hrs.
 with Log.

Oiler Bella FWT Douglas*

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

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

CHIEF ENGR'S SIGNATURE-

REMARKS

1200-1600 WATCH

MACH IN OPER: B3 G3 D3 F3 P3 MC-3 AE,
AC POWER, AIR, FIRE MAIN + SAN PRES. FROM DOCK, MUF
SUCT #2 STBD DPTK. FO. SUCT STBD OUTBD SETT. BLEW TUBES
AND PUMPED SHAF + ALLEY BILGE.

Cdr. Bella FWT Douglas*

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

MACHINERY AS BEFORE. MADE ROUNDS OF ENGINE SPACES. BILGES AT
SAFE LEVEL. OBSERVED NIGHT & STANDING ORDERS.

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

MACHINERY AS BEFORE. MADE ROUNDS OF ENGINE SPACES. BILGES AT
SAFE LEVEL. OBSERVED NIGHT & STANDING ORDERS.

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

Machinery as before - Made Rounds &
Inspections as required - Bilges at safe level -
Complied with orders -

@0300 - WAS INFORMED BY TELEPHONE: BLAKE, REFER, AUTO
ACCIDENT, INJURED AT HOSPITAL
Cdr. Lebios FWT: DURAN

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

all as before

Cdr. Lebios FWT: Duran

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

Tested Emergency Diesel Generator 0930-1030
Took on all Facilities from Shore 0930 - Secured
Engine Room - Filled Stbd Blr & Secured
FO Meter - 9902450

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

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

Plant Completely Secured
at 1200 Hours for In-Activation
activities - all Facilities from
Shore.

CHIEF ENGR'S SIGNATURE-

[illegible]

REMARKS

1200-1600 WATCH

Plant Secured - Transferred fuel oil from #6 to #5 & Spill inboard Settling Tank, Secured @ 1400 - Pumped Bilges. Check all Machinery & Spaces.

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

PLANT SECURED. BILGES AT SAFE LEVEL.
VENTED #3 BOILER @ 1945.

OILER - GEORGE

F/WT - RAMOS

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

PLANT SECURED. PUMPED BILGES TO SAFE LEVEL

OILER - GEORGE

F/WT - RAMOS

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

PLANT SECURED BILGES AT SAFE LEVEL.

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

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

Plant Secured 1200 hours
3-13-70
DN-S & Q - 0001 hrs. 3-14-70

CHIEF ENGR'S SIGNATURE-

E. J. D. [Signature]

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
										3/14-15/70	

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

REMARKS

1200-1600 WATCH

Plant Secured - along side dock
 Humpers Point - all services from dock
 side -
 - made rounds as required - complied
 with orders - Bilges at safe level.

WATCH ENGR'S SIGNATURE-

G. J. Harnett

1600-2000 WATCH

all as before

WATCH ENGR'S SIGNATURE-

G. J. Harnett

2000-2400 WATCH

all as before

WATCH ENGR'S SIGNATURE-

G. J. Harnett

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Harnett

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Harnett

0800-1200 WATCH

PLANT SECURED, BILGES AT A SAFE LEVEL

WATCH ENGR'S SIGNATURE-

J. J. Harnett

CHIEF ENGINEER

✓	BLS. #	
—	P.A.K.	
—	T.A.K.	
—	CHL.	
—	PHOS.	
—	P.H. Cond.	
—	P.H.-D.C.	
CHEMICALS ADDED		
—	ADJ.	
—	G.C.	
—	A.R.C.	
STEAMING HOURS		
—	F.S.	
—	W.S.	

CHIEF ENGR'S SIGNATURE-

E. J. Ouback

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
										3/15/67	

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME								MACHINERY PARTICULARS (CONT'D)		AFT. H. P. ROTOR BEARING					
DETENTION TIME										FORWARD L. P. ROTOR BEARING					
REVOLUTION COUNTER (END OF WATCH)										AFT. L.P. ROTOR BEARING					
TOTAL REVOLUTIONS (FOR WATCH)										HOTTEST GEAR BEARING FORWARD					
AVERAGE RPM										HOTTEST GEAR BEARING AFT					
F.O. METER (END OF WATCH)										AUX. COND. CONDENSATE					
F.O. CONSUMED										1ST STAGE FEED WATER HEATER					
MACHINERY PARTICULARS		PRESSURES						TEMPERATURES		D. C. FEED WATER HEATER					
										3RD STAGE FEED WATER HEATER					
										F.O. TO BURNERS					
										F. O. BACK PRESSURE					
										AIR TO FURNACE					
										UPTAKE					
										MAIN STEAM					
										SUPER HEAT					
										F.O. TO BURNERS					
										F.O. TEMP. IN SETTLING TANKS					
MACHINERY PARTICULARS		TEMPERATURES						PRESSURES		PORT BOILER UPTAKE					
										STBD. BOILER UPTAKE					
										ENGINE ROOM TEMPERATURE					
										FIRE ROOM TEMPERATURE					
										NOZZLES IN USE					
										NO. OF BURNERS IN USE					
										BURNER TIP SIZE					
										CO ₂ % PORT BOILER					
										CO ₂ % STBD. BOILER					
										OIL LEVEL MAIN SUMP					
MACHINERY PARTICULARS		TEMPERATURES						MISCELLANEOUS		ENGINE ROOM TEMPERATURE					
										FIRE ROOM TEMPERATURE					
										NOZZLES IN USE					
										NO. OF BURNERS IN USE					
										BURNER TIP SIZE					
										CO ₂ % PORT BOILER					
										CO ₂ % STBD. BOILER					
										OIL LEVEL MAIN SUMP					

GENERATORS												FUEL - WATER AND LUBE OIL																
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL				DOMESTIC WATER				BOILER WATER				LUBE OIL			
													METER AT NOON	METER PREVIOUS NOON	CONSUMED BY METER	ON HAND AT START OF DAY	RECEIVED DURING DAY	EXPENDED DURING DAY	REMAINING ON BOARD	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED	ON HAND AT START OF DAY	RECEIVED	ON HAND	CONSUMED	
1200 TO 1600																												
1600 TO 2000																												
2000 TO 2400																												
2400 TO 0400																												
0400 TO 0800																												
0800 TO 1200																												

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

Plant secured - all
service from Dockside - made Rounds
as required - Bilges at safe
level

WATCH ENGR'S SIGNATURE-

J. Faranick

1600-2000 WATCH

all as before

WATCH ENGR'S SIGNATURE-

J. Faranick

2000-2400 WATCH

all as before

WATCH ENGR'S SIGNATURE-

J. Faranick

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. Faranick

0400-0800 WATCH

PLANT SECURED. Bilges at a safe level

WATCH ENGR'S SIGNATURE-

J. Faranick

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

R. B. Hanger

CHIEF ENGINEER

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

CHIEF ENGR'S SIGNATURE-

E. J. Orlowski

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE 3/6-17/70						
		WATCH						WATCH								
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
RUNNING TIME								MACHINERY PARTICULARS (CONT'D)		AFT. H. P. ROTOR BEARING						
DETENTION TIME										FORWARD L. P. ROTOR BEARING						
REVOLUTION COUNTER (END OF WATCH)										AFT. L.P. ROTDR BEARING						
TOTAL REVOLUTIONS (FOR WATCH)										HOTTEST GEAR BEARING FORWARD						
AVERAGE RPM										HOTTEST GEAR BEARING AFT						
F.O. METER (END OF WATCH)								TEMPERATURES (CONT'D)		AUX. COND. CONDENSATE						
F.O. CONSUMED										1ST STAGE FEED WATER HEATER						
										D. C. FEED WATER HEATER						
										3RD STAGE FEED WATER HEATER						
PRESSURES		THROTTLE						BOILER PARTICULARS		F.O. TO BURNERS						
		H.P. AHEAD								F. O. BACK PRESSURE						
		L.P. AHFAD								AIR TO FURNACE						
		VACUUM								UPTAKE						
		L.O. TO TURBINES								MAIN STEAM						
		AUX. STEAM								SUPER HEAT						
		BACK PRESSURE								F.O. TO BURNERS						
		GLAND STEAM								F.O. TEMP. IN SETTLING TANKS						
		H.P. BLEEDER								PORT BOILER UPTAKE						
		I.P. BLEEDER								STBD. BOILER UPTAKE						
TEMPERATURES		L.P. BLEEDER						MISCELLANEOUS		ENGINE ROOM TEMPERATURE						
		STEAM AT THROTTLE								FIRE ROOM TEMPERATURE						
		L.P. EXHAUST								NOZZLES IN USE						
		CONDENSATE								NO. OF BURNERS IN USE						
		CIRC. WATER IN								BURNER TIP SIZE						
		CIRC. WATER OUT								CO ₂ % PORT BOILER						
		L.O. TO COOLERS								CO ₂ % STBD. BOILER						
		L.O. FROM COOLERS								OIL LEVEL MAIN SUMP						
		TEMPERATURE THRUST BEARING														
		FORWARD H.P. ROTOR BEARING														
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	FUEL - WATER AND LUBE OIL			
													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			
													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/M1												
TOTAL REVOLUTIONS				WIND DIRECTION												
AVERAGE R.P.M.				STATE OF SEA												
TOTAL MILES BY ENGINE				STATE OF WEATHER												
TOTAL MILES BY OBSERVATION																

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

as before - bridge @ safe level -

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

as above - bridge safe -

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

Plant Secured. Barges at a safe level.
 AT 0410 FIRE MAIN HOLE BROKE. WATER HITTING A.C.
 Box blew out lights & power. D.C. only on @ 0430.
 No A.C. FIRE MAIN HOLE REPLACED AND ALL IN LINE @
 0450.

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

Power off at 0700, Restored approx 0845. Ship's force
 Chasing up ship. Pumped out Dist. water tank.
 A.C. Power off.

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

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

CHIEF ENGR'S SIGNATURE-

E.J. Orlovski

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
										3/17-18/70	

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

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

FUEL - WATER AND LUBE OIL			
FUEL OIL	METER AT NOON		ON HAND AT START OF DAY
	METER PREVIOUS NOON		EVAPORATED OR RECEIVED
	CONSUMED BY METER		ON HAND
DOMESTIC WATER	ON HAND AT START OF DAY		CONSUMED
	RECEIVED DURING DAY		ON HAND AT START OF DAY
	EXPENDED DURING DAY		RECEIVED
LUBE OIL	REMAINING ON BOARD		ON HAND
	ON HAND AT START OF DAY		CONSUMED
	EVAPORATED OR RECEIVED		
ON HAND			
CONSUMED			

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

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

Power Station and fire protection from Deck.
A-C Power Restored @ 1445, Ships force on chow
up work

WATCH ENGR'S SIGNATURE-

L. H. Bane

1600-2000 WATCH

as before - bilge @ safe level -

WATCH ENGR'S SIGNATURE-

John L. Green

2000-2400 WATCH

as before - bilge safe -

WATCH ENGR'S SIGNATURE-

John L. Green R/L

2400-0400 WATCH

PLANT SECURED.

WATCH ENGR'S SIGNATURE-

J. H. Hurliga

0400-0800 WATCH

PLANT SECURED Bilges AT A SAFE LEVEL.

WATCH ENGR'S SIGNATURE-

J. H. Hurliga

0800-1200 WATCH

Plant Secured. Ships force churning water tanks
churning up quarters for Room Engine Room and
other spaces

WATCH ENGR'S SIGNATURE-

L. H. Bane

CHIEF ENGINEER

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

CHIEF ENGR'S SIGNATURE-

E. J. Dubowski

WATCH							WATCH						
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
RUNNING TIME							AFT. H. P. ROTOR BEARING						
DETENTION TIME							FORWARD L. P. ROTOR BEARING						
REVOLUTION COUNTER (END OF WATCH)							AFT. L.P. ROTOR BEARING						
TOTAL REVOLUTIONS (FOR WATCH)							HOTTEST GEAR BEARING FORWARD						
AVERAGE RPM							HOTTEST GEAR BEARING AFT						
F.O. METER (END OF WATCH)							AUX. COND. CONDENSATE						
F.O. CONSUMED							1ST STAGE FEED WATER HEATER						
MACHINERY PARTICULARS	PRESSURES	THROTTLE					MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)					
		H.P. AHEAD											
		L.P. AHEAD											
		VACUUM											
		L.O. TO TURBINES											
		AUX. STEAM											
		BACK PRESSURE											
		GLAND STEAM											
		H.P. BLEEDER											
		I.P. BLEEDER											
		L.P. BLEEDER											
	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				
	TEMPERATURES						MISCELLANEOUS	PRESSURES	STBD. BOILER UPTAKE				
									ENGINE ROOM TEMPERATURE				
									FIRE ROOM TEMPERATURE				
									NOZZLES IN USE				
									NO. OF BURNERS IN USE				
									BURNER TIP SIZE				
									CO ₂ % PORT BOILER				
									CO ₂ % STBD. BOILER				
									OIL LEVEL MAIN SUMP				

GENERATORS												FUEL - WATER AND LUBE OIL						
WATCH	GENERATOR NUMBER	R. P. M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL		BOILER WATER		LUBE OIL	
1200 TO 1600													METER AT NOON			ON HAND AT START OF DAY		
													METER PREVIOUS NOON			EVAPORATED OR RECEIVED		
													CONSUMED BY METER			ON HAND		
1600 TO 2000													ON HAND AT START OF DAY			CONSUMED		
													RECEIVED DURING DAY			ON HAND AT START OF DAY		
													EXPENDED DURING DAY			RECEIVED		
2000 TO 2400													REMAINING ON BOARD			ON HAND		
													ON HAND AT START OF DAY			CONSUMED		
													EVAPORATED OR RECEIVED					
2400 TO 0400													ON HAND					
													CONSUMED					
0400 TO 0800																		
0800 TO 1200																		
												DOMESTIC WATER						
												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

Power, Steam and Fire protection from Deck
Ship force on chow up work.

WATCH ENGR'S SIGNATURE-

Charles Bar

1600-2000 WATCH

Plant secured -

WATCH ENGR'S SIGNATURE-

John L. Green R/E

2000-2400 WATCH

as before - bilge @ safe level -

WATCH ENGR'S SIGNATURE-

John L. Green R/E

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. Hanlyan

0400-0800 WATCH

PLANT SECURED, BILGES AT A SAFE LEVEL.

WATCH ENGR'S SIGNATURE-

J. Hanlyan

0800-1200 WATCH

Plant Secured Pumped Bilges.

WATCH ENGR'S SIGNATURE-

Rob Thompson

CHIEF ENGINEER

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

CHIEF ENGR'S SIGNATURE-

E. J. Dubowski

[illegible]

REMARKS

1200-1600 WATCH

Plant Secured, Secured flushing water & Air from dock
c 1230 Pumped Bilges.

WATCH ENGR'S SIGNATURE-

R.B. Thompson

1600-2000 WATCH

as before

WATCH ENGR'S SIGNATURE-

John L. Green R/E

2000-2400 WATCH

as before - Bilge safe

WATCH ENGR'S SIGNATURE-

John L. Green R/E

2400-0400 WATCH

PLANT SECURED.

WATCH ENGR'S SIGNATURE-

J. Hanley

0400-0800 WATCH

PLANT SECURED. BILGES AT A SAFE
LEVEL.

WATCH ENGR'S SIGNATURE-

J. Hanley

0800-1200 WATCH

Secured power from dock & flush water c 0710
Shifted Ship to PAC Ship Yard.

WATCH ENGR'S SIGNATURE-

R.B. Thompson

CHIEF ENGINEER

Secured for De Activation

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

CHIEF ENGR'S SIGNATURE-

E.J. Orbuski

[illegible]

REMARKS

1200-1600 WATCH

Plant Secured, Down from yard,

WATCH ENGR'S SIGNATURE-

[Signature]

1600-2000 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

John L. Green R/K

2000-2400 WATCH

As before - bridge safe -

WATCH ENGR'S SIGNATURE-

John L. Green R/K

2400-0400 WATCH

AS BEFORE. PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Hanley

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Hanley

0800-1200 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Hanley

CHIEF ENGINEER

✓	BERS. #	
	PALK	
	TALK.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H.-D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
	F.S.	
	W.S.	

Secured for De Activation - No Work by Yard

CHIEF ENGR'S SIGNATURE-

E. J. Pilowski

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

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

Plant secured - power from shoreside

WATCH ENGR'S SIGNATURE

John L. Green R/L

1600-2000 WATCH

as above

WATCH ENGR'S SIGNATURE

John L. Green R/L

2000-2400 WATCH

as before - bilge safe -

WATCH ENGR'S SIGNATURE

John L. Green R/L

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE

J. J. Hanley R

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE

J. J. Hanley R

0800-1200 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE

J. J. Hanley R

CHIEF ENGINEER

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

Secured for Deactivation - No Work
by yard

CHIEF ENGR'S SIGNATURE

E. J. Dubowski

REMARKS

1200-1600 WATCH

Plant Secured -

1600-2000 WATCH

as before

WATCH ENGR'S SIGNATURE

John L. Green R/L

2000-2400 WATCH

as before bridge safe -

WATCH ENGR'S SIGNATURE

John L. Green R/L

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE

John L. Green R/L

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE

J. J. Hartley

0800-1200 WATCH

Various yard workers aboard ship - Work commencing

WATCH ENGR'S SIGNATURE

J. J. Hartley

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE

E. J. Dubouki

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

Secured for - Deactivation Work in Progress

CHIEF ENGR'S SIGNATURE

E. J. Dubouki

[illegible]

REMARKS

1200-1600 WATCH

Work by yard Proceeding slowly - yard hooked in flushing water to aft of E.R. all stems as before

WATCH ENGR'S SIGNATURE-

E.J. Delorski

1600-2000 WATCH

as above except flushing water secured - Made regular rounds

WATCH ENGR'S SIGNATURE-

John L. Green ^{2/12}

2000-2400 WATCH

as before - all man secure - Bilge & safe level

WATCH ENGR'S SIGNATURE-

John L. Green ^{2/12}

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. Stanley

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. Stanley

0800-1200 WATCH

as before - Various & sundry work by the Ship Yard

WATCH ENGR'S SIGNATURE-

P.B. Thompson

CHIEF ENGINEER

Plant Secured - Deactivation Work in Progress

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

CHIEF ENGR'S SIGNATURE-

E.J. Delorski

[illegible]

REMARKS

1200-1600 WATCH

As before yard working on various jobs as per Contract
 and flashing out all heads through-out Ship

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

as before - Made routine security rounds -

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

as before all areas secure - bilge safe -

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

AS BEFORE.

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

AS BEFORE.

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

As before yard working as per Contract.

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

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

Plant Secured - De-activation Work
 in Progress

CHIEF ENGR'S SIGNATURE-

E.J. Ostrowski

WATCH							WATCH						
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
RUNNING TIME							AFT. H. P. ROTOR BEARING						
DETENTION TIME							FORWARD L. P. ROTOR BEARING						
REVOLUTION COUNTER (END OF WATCH)							AFT. L.P. ROTOR BEARING						
TOTAL REVOLUTIONS (FOR WATCH)							HOTTEST GEAR BEARING FORWARD						
AVERAGE RPM							HOTTEST GEAR BEARING AFT						
F.O. METER (END OF WATCH)							AUX. COND. CONDENSATE						
F.O. CONSUMED							1ST STAGE FEED WATER HEATER						
MACHINERY PARTICULARS	PRESSURES	THROTTLE					MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)					
		H.P. AHEAD											
		L.P. AHEAD											
		VACUUM											
		L.O. TO TURBINES											
		AUX. STEAM											
		BACK PRESSURE											
		GLAND STEAM											
		H.P. BLEEDER											
		L.P. BLEEDER											
MACHINERY PARTICULARS	TEMPERATURES	STEAM AT THROTTLE					BOILER PARTICULARS	TEMPERATURES					
		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											
MACHINERY PARTICULARS	TEMPERATURES						BOILER PARTICULARS	PRESSURES					
MACHINERY PARTICULARS	TEMPERATURES						MISCELLANEOUS						

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						
1200 TO 1600												FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY	
													METER PREVIOUS NOON			EVAPORATED OR RECEIVED	
													CONSUMED BY METER			ON HAND	
													ON HAND AT START OF DAY			CONSUMED	
												DOMESTIC WATER	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY	
													EXPENDED DURING DAY			RECEIVED	
													REMAINING ON BOARD			ON HAND	
													ON HAND AT START OF DAY			CONSUMED	
1600 TO 2000													EVAPORATED OR RECEIVED				
													ON HAND				
													CONSUMED				
2000 TO 2400																	
2400 TO 0400																	
0400 TO 0800																	
0800 TO 1200																	

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

As before yard working on various jobs

WATCH ENGR'S SIGNATURE-

P.B. Thompson

1600-2000 WATCH

as before - made routine rounds -

WATCH ENGR'S SIGNATURE-

John L. Sherr 9/11

2000-2400 WATCH

as above - bilge safe

WATCH ENGR'S SIGNATURE-

John L. Sherr 9/11

2400-0400 WATCH

AS BEFORE

WATCH ENGR'S SIGNATURE-

J.F. Hurley

0400-0800 WATCH

AS BEFORE

WATCH ENGR'S SIGNATURE-

J.F. Hurley

0800-1200 WATCH

As before yard working on various jobs

WATCH ENGR'S SIGNATURE-

P.B. Thompson

CHIEF ENGINEER

Plant Secured - De-Activation Work in Progress

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

CHIEF ENGR'S SIGNATURE-

E.J. Oibuchi

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE													
										3/26-27/70													
		WATCH								WATCH													
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200								
RUNNING TIME								MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING														
DETENTION TIME									FORWARD L. P. ROTOR BEARING														
REVOLUTION COUNTER (END OF WATCH)									AFT. L. P. ROTOR BEARING														
TOTAL REVOLUTIONS (FOR WATCH)									HOTTEST GEAR BEARING FORWARD														
AVERAGE RPM									HOTTEST GEAR BEARING AFT														
F.O. METER (END OF WATCH)									AUX. COND. CONDENSATE														
F.O. CONSUMED									1ST STAGE FEED WATER HEATER														
									D. C. FEED WATER HEATER														
									3RD STAGE FEED WATER HEATER														
MACHINERY PARTICULARS	PRESSURES	THROTTLE						BOILER PARTICULARS	TEMPERATURES														
		H.P. AHEAD							F.O. TO BURNERS														
		L.P. AHEAD							F.O. BACK PRESSURE														
		VACUUM							AIR TO FURNACE														
		L.O. TO TURBINES							UPTAKE														
		AUX. STEAM							MAIN STEAM														
		BACK PRESSURE							SUPER HEAT														
		GLAND STEAM							F.O. TO BURNERS														
		H.P. BLEEDER							F.O. TEMP. IN SETTLING TANKS														
		L.P. BLEEDER							PORT BOILER UPTAKE														
	TEMPERATURES	STEAM AT THROTTLE						STBD. BOILER UPTAKE															
		L.P. EXHAUST						ENGINE ROOM TEMPERATURE															
		CONDENSATE						FIRE ROOM TEMPERATURE															
		CIRC. WATER IN						NOZZLES IN USE															
		CIRC. WATER OUT						NO. OF BURNERS IN USE															
		L.O. TO COOLERS						BURNER TIP SIZE															
		L.O. FROM COOLERS						CO ₂ % PORT BOILER															
		TEMPERATURE THRUST BEARING						CO ₂ % STBD. BOILER															
		FORWARD H.P. ROTOR BEARING						OIL LEVEL MAIN SUMP															
GENERATORS												FUEL - WATER AND LUBE OIL											
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	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY						
														METER PREVIOUS NOON			EVAPORATED OR RECEIVED						
														CONSUMED BY METER			ON HAND						
														ON HAND AT START OF DAY			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									
														ON HAND									
														CONSUMED									
												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

As before yard working on various jobs

WATCH ENGR'S SIGNATURE

P.B. Kuyper

1600-2000 WATCH

As before - made routine rounds -

WATCH ENGR'S SIGNATURE

John L. Green R/E

2000-2400 WATCH

as before - bridge safe

WATCH ENGR'S SIGNATURE

John L. Green R/E

2400-0400 WATCH

AS BEFORE

WATCH ENGR'S SIGNATURE

J. Hunkley

0400-0800 WATCH

AS BEFORE

WATCH ENGR'S SIGNATURE

J. Hunkley

0800-1200 WATCH

As Before - Yard Working on various
Deactivation / Steps

WATCH ENGR'S SIGNATURE

E.J. Dlubowski

CHIEF ENGINEER

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

Plant Secured - Deactivation Work in Progress

CHIEF ENGR'S SIGNATURE

E.J. Dlubowski

WATCH							WATCH						
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
RUNNING TIME							AFT. H. P. ROTOR BEARING						
DETENTION TIME							FORWARD L. P. ROTOR BEARING						
REVOLUTION COUNTER (END OF WATCH)							AFT. L.P. ROTOR BEARING						
TOTAL REVOLUTIONS (FOR WATCH)							HOTTEST GEAR BEARING FORWARD						
AVERAGE RPM							HOTTEST GEAR BEARING AFT						
F.O. METER (END OF WATCH)							AUX. COND. CONDENSATE						
F.O. CONSUMED							1ST STAGE FEED WATER HEATER						
MACHINERY PARTICULARS	PRESSURES	THROTTLE					MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)					
		H.P. AHEAD											
		L.P. AHEAD											
		VACUUM											
		L.O. TO TURBINES											
		AUX. STEAM											
		BACK PRESSURE											
		GLAND STEAM											
		H.P. BLEEDER											
		I.P. BLEEDER											
		L.P. BLEEDER											
MACHINERY PARTICULARS	TEMPERATURES	STEAM AT THROTTLE					BOILER PARTICULARS	PRESSURES	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				
MACHINERY PARTICULARS	TEMPERATURES						MISCELLANEOUS		ENGINE ROOM TEMPERATURE				
									FIRE ROOM TEMPERATURE				
									NOZZLES IN USE				
									NO. OF BURNERS IN USE				
									BURNER TIP SIZE				
									CO ₂ % PORT BOILER				
									CO ₂ % STBD. BOILER				
									OIL LEVEL MAIN SUMP				

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	METER AT NOON	METER PREVIOUS NOON	CONSUMED BY METER	ON HAND AT START OF DAY	RECEIVED DURING DAY	EXPENDED DURING DAY	REMAINING ON BOARD	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED												
1200 TO 1600																									BOILER WATER	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED							
1600 TO 2000																														LUBE OIL	ON HAND AT START OF DAY	RECEIVED	ON HAND	CONSUMED		
2000 TO 2400																																			DOMESTIC WATER	ON HAND AT START OF DAY
2400 TO 0400														ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED																			
0400 TO 0800																		ON HAND	EVAPORATED OR RECEIVED	ON HAND	CONSUMED															
0800 TO 1200																						CONSUMED														

REMARKS

1200-1600 WATCH

as before - yard working on various
deactivation items

WATCH ENGR'S SIGNATURE-

E.J. Delouski

1600-2000 WATCH

as before except - shore power secured @ 1630 - shifted
ship "Dead Tow" from pier 36 north to 36 south - power
restored @ 1540 - Made rounds - all areas secure -

WATCH ENGR'S SIGNATURE-

John L. Green R/E

2000-2400 WATCH

as before - bilge safe

WATCH ENGR'S SIGNATURE-

John L. Green R/E

2400-0400 WATCH

As before, Bilges OK

WATCH ENGR'S SIGNATURE-

John Robert R/E

0400-0800 WATCH

As before - Dept. OK

WATCH ENGR'S SIGNATURE-

John Robert R/E

0800-1200 WATCH

As before Dept. OK

WATCH ENGR'S SIGNATURE-

John Robert

CHIEF ENGINEER

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

Plant Secured - De-activation Work
in Progress

CHIEF ENGR'S SIGNATURE-

E.J. Delouski

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	PRESSURES						MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)					
	THROTTLE							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					
MACHINERY PARTICULARS	TEMPERATURES						BOILER PARTICULARS	PRESSURES					
	STEAM AT THROTTLE							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					
MACHINERY PARTICULARS	TEMPERATURES						MISCELLANEOUS	TEMPERATURES					
	STEAM AT THROTTLE							ENGINE ROOM TEMPERATURE					
	L.P. EXHAUST							FIRE ROOM TEMPERATURE					
	CONDENSATE							NOZZLES IN USE					
	CIRC. WATER IN							NO. OF BURNERS IN USE					
	CIRC. WATER OUT							BURNER TIP SIZE					
	L.O. TO COOLERS							CO ₂ % PORT BOILER					
	L.O. FROM COOLERS							CO ₂ % STBD. BOILER					
	TEMPERATURE THRUST BEARING							OIL LEVEL MAIN SUMP					
	FORWARD H.P. ROTOR BEARING												

WATCH	GENERATORS												FUEL - WATER AND LUBE OIL									
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	BOILER WATER	LUBE OIL	DOMESTIC WATER	L.O. CENTRIFUGE - HOURS OPERATED					
																	METER AT NOON		ON HAND AT START OF DAY		1200 TO 1600	1600 TO 2000
1200 TO 1600													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									
													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									
0800 TO 1200																						

REMARKS

1200-1600 WATCH

as before, electrical power from dock, yard workmen find.
 day room working in bilbo

WATCH ENGR'S SIGNATURE-

Edward B. Munn R/E.

1600-2000 WATCH

as before. @ 1620 yard workmen left engineering space.

WATCH ENGR'S SIGNATURE-

Edward B. Munn R/E.

2000-2400 WATCH

as before.

WATCH ENGR'S SIGNATURE-

Edward B. Munn R/E.

2400-0400 WATCH

As before. Dept. OK.

WATCH ENGR'S SIGNATURE-

John Robert R/E.

0400-0800 WATCH

As before. Dept. OK

WATCH ENGR'S SIGNATURE-

John Robert R/E.

0800-1200 WATCH

As before Dept. OK

WATCH ENGR'S SIGNATURE-

John Robert R/E.

CHIEF ENGINEER

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

Plant Secured - De activation Work
 in Progress

CHIEF ENGR'S SIGNATURE-

Ed. Polowski

USNS			VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE 3/29-30/70																	
			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			PRESSURES						MACHINERY PARTICULARS (CONT'D)		TEMPERATURES (CONT'D)																	
																	RUNNING TIME						AFT. H. P. ROTOR BEARING					
																	DETENTION TIME						FORWARD L. P. ROTOR BEARING					
																	REVOLUTION COUNTER (END OF WATCH)						AFT. L.P. ROTOR BEARING					
																	TOTAL REVOLUTIONS (FOR WATCH)						HOTTEST GEAR BEARING FORWARD					
																	AVERAGE RPM						HOTTEST GEAR BEARING AFT					
																	F.O. METER (END OF WATCH)						AUX. COND. CONDENSATE					
																	F.O. CONSUMED						1ST STAGE FEED WATER HEATER					
																	THROTTLE						D. C. FEED WATER HEATER					
																	H.P. AHEAD						3RD STAGE FEED WATER HEATER					
MACHINERY PARTICULARS			PRESSURES						BOILER PARTICULARS		TEMPERATURES																	
																	L.P. AHEAD						F.O. TO BURNERS					
																	VACUUM						F. O. BACK PRESSURE					
																	L.O. TO TURBINES						AIR TO FURNACE					
																	AUX. STEAM						UPTAKE					
																	BACK PRESSURE						MAIN STEAM					
																	GLAND STEAM						SUPER HEAT					
																	H.P. BLEEDER						F.O. TO BURNERS					
																	I.P. BLEEDER						F.O. TEMP. IN SETTLING TANKS					
																	L.P. BLEEDER						PORT BOILER UPTAKE					
MACHINERY PARTICULARS			TEMPERATURES						MISCELLANEOUS																			
																	STEAM AT THROTTLE						ENGINE ROOM TEMPERATURE					
																	L.P. EXHAUST						FIRE ROOM TEMPERATURE					
																	CONDENSATE						NOZZLES IN USE					
																	CIRC. WATER IN						NO. OF BURNERS IN USE					
																	CIRC. WATER OUT						BURNER TIP SIZE					
																	L.O. TO COOLERS						CO ₂ % PORT BOILER					
																	L.O. FROM COOLERS						CO ₂ % STBD. BOILER					
																	TEMPERATURE THRUST BEARING						OIL LEVEL MAIN SUMP					
																	FORWARD H.P. ROTOR BEARING											
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	FUEL OIL				FUEL - WATER AND LUBE OIL											
													METER AT NOON		BOILER WATER	ON HAND AT START OF DAY												
													METER PREVIOUS NOON		BOILER WATER	EVAPORATED OR RECEIVED												
													CONSUMED BY METER		BOILER WATER	ON HAND												
													ON HAND AT START OF DAY		BOILER WATER	CONSUMED												
													RECEIVED DURING DAY		BOILER WATER	ON HAND AT START OF DAY												
													EXPENDED DURING DAY		BOILER WATER	RECEIVED												
													REMAINING ON BOARD		BOILER WATER	ON HAND												
													ON HAND AT START OF DAY		LUBE OIL	CONSUMED												
													EVAPORATED OR RECEIVED		LUBE OIL													
													ON HAND		LUBE OIL													
													CONSUMED		LUBE OIL													
													DOMESTIC WATER															
													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

Electrical power from dock, bilges dry

WATCH ENGR'S SIGNATURE-

Edward B. Minick *EC*

1600-2000 WATCH

as before

WATCH ENGR'S SIGNATURE-

Edward B. Minick *EC*

2000-2400 WATCH

as before

WATCH ENGR'S SIGNATURE-

Edward B. Minick *EC*

2400-0400 WATCH

AS BEFORE

WATCH ENGR'S SIGNATURE-

J. F. Hurley

0400-0800 WATCH

AS BEFORE

WATCH ENGR'S SIGNATURE-

J. F. Hurley

0800-1200 WATCH

all as before - Shipyard progressing with Deactivation Items -

WATCH ENGR'S SIGNATURE-

E. J. Delowski

CHIEF ENGINEER

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

Plant Secured - Deactivation Work in Progress

CHIEF ENGR'S SIGNATURE-

E. J. Delowski

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE													
										3/30-31/70													
		WATCH						WATCH															
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200								
RUNNING TIME								MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING														
DETENTION TIME									FORWARD L. P. ROTOR BEARING														
REVOLUTION COUNTER (END OF WATCH)									AFT. L. P. ROTOR BEARING														
TOTAL REVOLUTIONS (FOR WATCH)									HOTTEST GEAR BEARING FORWARD														
AVERAGE RPM									HOTTEST GEAR BEARING AFT														
F.O. METER (END OF WATCH)									AUX. COND. CONDENSATE														
F.O. CONSUMED									1ST STAGE FEED WATER HEATER														
									D. C. FEED WATER HEATER														
									3RD STAGE FEED WATER HEATER														
MACHINERY PARTICULARS	PRESSURES	THROTTLE						BOILER PARTICULARS	TEMPERATURES	F.O. TO BURNERS													
		H.P. AHEAD							TEMPERATURES	F. O. BACK PRESSURE													
		L.P. AHEAD							TEMPERATURES	AIR TO FURNACE													
		VACUUM							TEMPERATURES	UPTAKE													
		L.O. TO TURBINES							TEMPERATURES	MAIN STEAM													
		AUX. STEAM							PRESSURES	SUPER HEAT													
		BACK PRESSURE							PRESSURES	F.O. TO BURNERS													
		GLAND STEAM							PRESSURES	F.O. TEMP. IN SETTLING TANKS													
		H.P. BLEEDER							PRESSURES	PORT BOILER UPTAKE													
		I.P. BLEEDER							PRESSURES	STBD. BOILER UPTAKE													
	L.P. BLEEDER						PRESSURES																
	TEMPERATURES	STEAM AT THROTTLE						MISCELLANEOUS	ENGINE ROOM TEMPERATURE														
		L.P. EXHAUST							FIRE ROOM TEMPERATURE														
		CONDENSATE							NOZZLES IN USE														
		CIRC. WATER IN							NO. OF BURNERS IN USE														
		CIRC. WATER OUT							BURNER TIP SIZE														
		L.O. TO COOLERS							CO ₂ % PORT BOILER														
		L.O. FROM COOLERS							CO ₂ % STBD. BOILER														
		TEMPERATURE THRUST BEARING							OIL LEVEL MAIN SUMP														
		FORWARD H.P. ROTOR BEARING																					
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	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY						
														METER PREVIOUS NOON			EVAPORATED OR RECEIVED						
1200 TO 1600														CONSUMED BY METER		BOILER OIL	ON HAND						
													ON HAND AT START OF DAY		CONSUMED								
1600 TO 2000														RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY						
													EXPENDED DURING DAY		RECEIVED								
2000 TO 2400														REMAINING ON BOARD		DOMESTIC WATER	ON HAND						
													ON HAND AT START OF DAY		CONSUMED								
2400 TO 0400														ON HAND									
													CONSUMED										
0400 TO 0800																							
0800 TO 1200																							
												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

all as before - Various De-activation.
Stems in Progress

WATCH ENGR'S SIGNATURE-

E. J. Dubucki

1600-2000 WATCH

as before -

WATCH ENGR'S SIGNATURE-

John L. Green

2000-2400 WATCH

as before - bridge safe -

WATCH ENGR'S SIGNATURE-

John L. Green

2400-0400 WATCH

AS BEFORE

WATCH ENGR'S SIGNATURE-

J. J. Hurling

0400-0800 WATCH

AS BEFORE

WATCH ENGR'S SIGNATURE-

J. J. Hurling

0800-1200 WATCH

as before - Yard on Various De-activation
Stems - Good Force for Machinery spaces this Date.

WATCH ENGR'S SIGNATURE-

E. J. Dubucki

CHIEF ENGINEER

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

CHIEF ENGR'S SIGNATURE-

E. J. Dubucki

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE 9/31/1970				
		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)														
F.O. CONSUMED														
MACHINERY PARTICULARS	PRESSURES	THROTTLE						MACHINERY PARTICULARS (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. CONOENSATE					
		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	F.O. TO BURNERS					
		L.P. EXHAUST							F. O. BACK PRESSURE					
		CONOENSATE							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							
TEMPERATURES							MISCELLANEOUS	ENGINE ROOM TEMPERATURE						
								FIRE ROOM TEMPERATURE						
								NOZZLES IN USE						
								NO. OF BURNERS IN USE						
								BURNER TIP SIZE						
								CO2 % PORT BOILER						
								CO2 % STBD. BOILER						
								OIL LEVEL MAIN SUMP						
GENERATORS														
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS		
1200 TO 1600														
1600 TO 2000														
2000 TO 2400														
2400 TO 0400														
0400 TO 0800														
0800 TO 1200														
FUEL - WATER AND LUBE OIL														
		FUEL OIL		BOILER WATER		LUBE OIL								
		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												
		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

as Before - Good Force throughout Ship
Especially Machinery Spaces - all work on Deactivation
Items

WATCH ENGR'S SIGNATURE-

E. J. Debuske

1600-2000 WATCH

as above - contractor cleaning watersides of Boilers -

WATCH ENGR'S SIGNATURE-

John L. Green

2000-2400 WATCH

as before - bridge safe -

WATCH ENGR'S SIGNATURE-

John L. Green

2400-0400 WATCH

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

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

Plant Secured - De Activation
Items in Progress.

CHIEF ENGR'S SIGNATURE-

E. J. Debuske

USNS			VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
											4/1-2/1970	

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

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

FUEL - WATER AND LUBE OIL			
FUEL OIL		BOILER WATER	
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			
ON HAND			
CONSUMED			

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

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

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

Log Book Discontinued - all
Pertinent Data in Deck Log.
Plant Secured - all De activation
Items as per Contract are in
Progress.

All pertinent Data in Deck
Log as of this Date
This Log Discontinued.

CHIEF ENGR'S SIGNATURE- *E. J. DeBucki*

USMS			VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE												
			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)																							
F.O. CONSUMED																							
MACHINERY PARTICULARS	PRESSURES	THROTTLE							MACHINERY PARTICULARS (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													
		L.P. BLEEDER																					
	TEMPERATURES	STEAM AT THROTTLE							BOILER PARTICULARS	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	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY						
														METER PREVIOUS NOON			EVAPORATED OR RECEIVED						
1200 TO 1600														CONSUMED BY METER			ON HAND						
1600 TO 2000														ON HAND AT START OF DAY			CONSUMED						
														RECEIVED DURING DAY			ON HAND AT START OF DAY						
														EXPENDED DURING DAY			RECEIVED						
2000 TO 2400														REMAINING ON BOARD			ON HAND						
														ON HAND AT START OF DAY			CONSUMED						
														EVAPORATED OR RECEIVED			ON HAND AT START OF DAY						
2400 TO 0400														ON HAND			RECEIVED						
														CONSUMED			ON HAND						
														ON HAND			CONSUMED						
0400 TO 0800														ON HAND			ON HAND						
														CONSUMED			CONSUMED						
														CONSUMED									
0800 TO 1200														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																							