

REMARKS

1200-1600 WATCH

Machy in Operation Port Bulke, Port Mr. P. Pump, Port Force draft Blower
Port F.O. Service Pump, #1 Aux. gen. on D.C., Aux. Circ. Pump, Aux. Cond. Pump, Flushing
water, Potable water, Air & AC Power from dock. Made inspections of all Machy
& Spaces.

1600-2000 WATCH

OILER LAIZA FWT LEVOS

WATCH ENGR'S SIGNATURE-

MACHINERY AS BEFORE CHANGED & CLEANED F.O. BURNER
& STRAINER ROUTINE INSPECTION OF ALL OPERATING MACHINERY
& SPACES. ALL REEFER BILGES IN GOOD ORDER & CLEANED BY
CHARTER.

2000-2400 WATCH

OILER BRADLEY FWT DUGAL

WATCH ENGR'S SIGNATURE-

MACHINERY AS BEFORE. BILGES AT A SAFE LEVEL.
ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES.

2400-0400 WATCH

OILER BRADLEY FWT DUGAL

WATCH ENGR'S SIGNATURE-

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES
AT FREQUENT INTERVALS. CONDITIONS NORMAL. CHANGED & CLEANED F.O.
BURNER & DISCH. STRAINER. BILGES AT SAFE LEVELS

0400-0800 WATCH

OILER - WILLIAMS

FWT - RAMOS

WATCH ENGR'S SIGNATURE-

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES AT
REGULAR INTERVALS. CONDITIONS SATISFACTORY.
BILGES AT SAFE LEVELS.

0800-1200 WATCH

OILER - WILLIAMS

FWT - RAMOS

WATCH ENGR'S SIGNATURE-

Machy as before. CHANGED OVER TO INSURED F.O. SETTLER & 1200
Made inspections of all Machy & Spaces.

CHIEF ENGINEER

OILER LEVOS

FWT DUGAL

WATCH ENGR'S SIGNATURE-

1	BERS. #1	
	P.A.L.K. 5.84	
	T.A.L.K. 7.69	
	CHL. 12.43	
	PHOS. 20	
	P.H. Cond. 7.0	
	P.H. G.C. 20	
CHEMICALS ADDED		
	ADJ. 72	
	G.C. 62	
	A.R.C. 122	
STEAMING HOURS		
	F.S. 192	
	192	

CHIEF ENGR'S SIGNATURE-

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Gen John Pope				At Hunters Point						11/14/15/69	
WATCH											
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200											
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.D. CONSUMED											
MACH. PARTICULARS (CONT'D)											
TEMPERATURES (CONT'D)											
HOTTTEST GEAR BEARING FORWARD											
HOTTTEST GEAR BEARING AFT											
AUX. COND. CONDENSATE											
1ST STAGE FEED WATER HEATER											
D. C. FEED WATER HEATER											
3RD STAGE FEED WATER HEATER											
SUPER HEAT											
F.O. TO BURNERS											
AIR TO FURNACE											
F.O. TEMP. IN SETTLING TANKS											
PORT BOILER UPTAKE											
STBD. BOILER UPTAKE											
F. O. BACK PRESSURE											
MAIN STEAM											
F.O. TO BURNERS											
MAIN COND. SALINITY											
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											
PRESSURES											
THROTTLE											
H.P. AHEAD											
L.P. AHEAD											
VACUUM											
L.O. TO TURBINES											
AUX. STEAM											
BACK PRESSURE											
GLAND STEAM											
H.P. BLEEDER											
L.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											
AFT. H.P. ROTOR BEARING											
FORWARD L.P. ROTOR BEARING											
AFT. L.P. ROTOR BEARING											
MISCELLANEOUS											
MAIN COND. SALINITY											
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											
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											
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											
ON HAND AT START OF DAY											
EVAPORATED OR RECEIVED											
ON HAND											
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											
DETENTION TIME											
TOTAL REVOLUTIONS											
AVERAGE R.P.M.											
TOTAL MILES BY ENGINE											
TOTAL MILES BY OBSERVATION											
PROPELLER SLIP (%)											
BBL FUEL/MI											
WIND DIRECTION											
STATE OF SEA											
STATE OF WEATHER											

REMARKS

1200-1600 WATCH

Mach'y in operation, Port Boiler, Port M.F. Pump, Port Force draft Blower, Port F.O. Suction Pump, #1 Aux. Genset D.C. Aux. Circ. Pump, Aux. Cond. Pump, Flushing water, Potable water, Air & RC. Force from deck. Transferred F.O. from #4 to outboard Sallen. Steam tubes in Port Boiler from 1300 to 1335 - made inspections of all Mach'y & Spaces.

1600-2000 WATCH

OILER LEVY FWT DUGAN

WATCH ENGR'S SIGNATURE-

MACHINERY AS BEFORE. CHANGED & CLEANED BURNER & STIMULIN. ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES.

F/WT DOUGLAS BURNED INSIDE OF RIGHT FIRE-ARM ON BURNER WHILE CHANGING SAME.

OILER BRADLEY FWT DOUGLAS

WATCH ENGR'S SIGNATURE-

MACHINERY AS BEFORE. BILGES AT A SAFE LEVEL. ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES.

OILER BRADLEY FWT DOUGLAS

WATCH ENGR'S SIGNATURE-

MACH'Y AS BEFORE. INSPECTED MACH'Y & SPACES. CHANGED F.O. BURNER AT 0200. BILGES AT SAFE LEVEL. COMPLIED WITH N/S ORDERS.

OILER - WILLIAMS F/WT - RAMOS

WATCH ENGR'S SIGNATURE-

MACH'Y AS BEFORE. AT 0500 "LOW LUBE OIL PRESS." ALARM SOUNDED. APPEARS TO BE A SHORT IN PANEL BOARD. INSPECTED MACH'Y & SPACES. BILGES AT SAFE LEVEL. COMPLIED WITH N/S ORDERS.

OILER - WILLIAMS F/WT - RAMOS

WATCH ENGR'S SIGNATURE-

MACH'Y AS BEFORE. INSPECTED MACH'Y & SPACES. BILGES AT SAFE LEVEL. COMPLIED WITH N/S ORDERS.

OILER - MAGALLONES

F/WT - JOHNSON

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.	
	T.W.S.	

CHIEF ENGR'S SIGNATURE-

Otto L. Pantz

REMARKS

1200-1600 WATCH

MACHINERY IN OPERATION, PORT BOILER, PORT M.H. PUMP, PORT F.I. SERVICE PUMP, PORT FORCED PORT BLOWER, #1 B.V. 4. BEN IN D.C., A.I. COND. PUMP, FLUSHING WATER - FRESH WATER - AIR - H.C. POWER FROM DICK. ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES.

OILER MADALLONES

F/WT JOHNSON

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

MACHINERY AS BEFORE. CHANGED & CLEANED BURNER & BRAKING. ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES.

OILER BRADLEY

F/WT DOUGLAS

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

MACHINERY AS BEFORE. BILGES AT A SAFE LEVEL. ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES.

OILER BRADLEY

F/WT DOUGLAS

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

MACH'Y AS BEFORE. AT 2400 CHANGED F.C. BURNER. INSPECTED MACH'Y AND SPACES. BILGES AT SAFE LEVEL. COMPLIED WITH N/S ORDERS.

OILER-WILLIAMS

F/WT-RAMOS

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

MACH'Y AS BEFORE. INSPECTED MACH'Y & SPACES. BILGES AT SAFE LEVEL. COMPLIED WITH N/S ORDERS.

OILER-WILLIAMS

F/WT-RAMOS

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

MACH'Y AS BEFORE. INSPECTED MACH'Y & SPACES. BILGES AT SAFE LEVEL. COMPLIED WITH N/S ORDERS.

OILER-MADALLONES

F/WT-JOHNSON

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	
H.S.	

CHIEF ENGR'S SIGNATURE-

Otto L. Bantz

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
GEN. JOHN POPE				AS HUNTERS		POINT				11/16-17/69	

		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								MACH. PARTICULARS (CONT'D)							
DETENTION TIME								TEMPERATURES (CONT'D)							
REVOLUTION COUNTER (END OF WATCH)								AUX. COND. CONDENSATE							
TOTAL REVOLUTIONS (FOR WATCH)								1ST STAGE FEED WATER HEATER							
AVERAGE RPM				9110				D. C. FEED WATER HEATER		235	235	235	235	230	
F.O. METER (END OF WATCH)		9109	9019	9019	9100	9110	9110	3RD STAGE FEED WATER HEATER							
F.O. CONSUMED		220	260	210	220	240	520	SUPER HEAT							
								F.O. TO BURNERS		220	220	220	220	225	
								AIR TO FURNACE		115	115	115	114	114	
								F.O. TEMP. IN SETTLING TANKS		110	110	98	96	152	
								PORT BOILER UPTAKE		325	325	325	325	330	335
								STBD. BOILER UPTAKE							
								F.O. BACK PRESSURE							
								MAIN STEAM							
								F.O. TO BURNERS		220	220	220	220	260	290
								MAIN COND. SALINITY							
								ENGINE ROOM TEMPERATURE							
								FIRE ROOM TEMPERATURE							
								NOZZLES IN USE							
								NO. OF BURNERS IN USE		1	1	1	1	1	1
								BURNER TIP SIZE		60	60	60	60	60	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		BOILER WATER		LUBE OIL	
1200 TO 1600		1	1200	440		9.5	112	95		64	750	750	240	METER AT NOON		ON HAND AT START OF DAY		EVAPORATED OR RECEIVED	
														METER PREVIOUS NOON		ON HAND		ON HAND	
														CONSUMED BY METER		CONSUMED		CONSUMED	
														ON HAND AT START OF DAY	12,207	ON HAND AT START OF DAY		ON HAND AT START OF DAY	
														RECEIVED DURING DAY	-0-	RECEIVED		RECEIVED	
														EXPENDED DURING DAY	32	ON HAND		ON HAND	
														REMAINING ON BOARD	12,175	CONSUMED		CONSUMED	
1600 TO 2000		1	1200	440		9.5	113	95		64	700	750	240	ON HAND AT START OF DAY		ON HAND		ON HAND	
														EVAPORATED OR RECEIVED		ON HAND		ON HAND	
														ON HAND		RECEIVED		RECEIVED	
														CONSUMED		CONSUMED		CONSUMED	
2000 TO 2400		1	1200	440		9.5	114	95		64	700	700	240	ON HAND AT START OF DAY		ON HAND		ON HAND	
														EVAPORATED OR RECEIVED		ON HAND		ON HAND	
														ON HAND		RECEIVED		RECEIVED	
														CONSUMED		CONSUMED		CONSUMED	
2400 TO 0400		1	1200	440		9.5	114	95		64	700	700	240	ON HAND AT START OF DAY		ON HAND		ON HAND	
														EVAPORATED OR RECEIVED		ON HAND		ON HAND	
														ON HAND		RECEIVED		RECEIVED	
														CONSUMED		CONSUMED		CONSUMED	
0400 TO 0800		1	1200	440		9.5	115	95		64	800	800	240	ON HAND AT START OF DAY		ON HAND		ON HAND	
														EVAPORATED OR RECEIVED		ON HAND		ON HAND	
														ON HAND		RECEIVED		RECEIVED	
														CONSUMED		CONSUMED		CONSUMED	
0800 TO 1200		1	1200	440		9.5				64	850	850	240	ON HAND AT START OF DAY		ON HAND		ON HAND	
														EVAPORATED OR RECEIVED		ON HAND		ON HAND	
														ON HAND		RECEIVED		RECEIVED	
														CONSUMED		CONSUMED		CONSUMED	

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

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

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

REMARKS

1200-1600 WATCH

MACHINERY IN OPERATION. PORT BLOWER, PORT F.D. PUMP, PORT F.O. PUMP, PORT F.D. BLOWER, #1 A.V. GEN ON D.C., HULL COLD PUMP, FLUSHING WATER - PITMAN WATER - A.C. PUMP & DRAIN FROM DRAIN ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES.

OILER MAGALLONES

F/WT JOHNSON

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

MACHINERY AS BEFORE. CHANGED BURNER & CLEANED ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES.

OILER RAIGOZA

F/WT WALLACE

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

MACHINERY AS BEFORE. BILGES AT A SAFE LEVEL. ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES.

OILER RAIGOZA

F/WT WALLACE

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES AT FREQUENT INTERVALS. CONDITIONS NORMAL. CHANGED & CLEANED F.O. BURNER & DISCH. STRAINER. STEAM ON BOTH SETTLERS @ 2300 BILGES O.K.

OILER WILLIAMS

F/WT RAMOS

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES AT REGULAR INTERVALS. CONDITIONS NORMAL. SECURED STEAM TO SETTLERS @ 0500. BILGES O.K.

OILER WILLIAMS

F/WT RAMOS

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

Machy as before Made Routine inspection of all operating machinery & spaces, Cleaned F.O. Burner & Disch Strainer

Oiler - Magallanes

F/WT - Johnson

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

#	BLRS. #2
	P.A.K. 4.1
	T.A.K. 6.4
	CHL. 15
	PHOS. 5
	P.H. Conc. 7
	P.H.-D.C.
CHEMICALS ADDED	
	ADJ. 9.02
	G.C. 2 Ph.
	A.R.C. 6.02
STEAMING HOURS	
	F.S. 264
	264

CHIEF ENGR'S SIGNATURE-

REMARKS

1200-1600 WATCH

Machinery in Operation, Port Boiler, Port F.D. Pump, Port F.O. Pump
 Port F.D. Blower #1 Aux Gen on Dc Aux Cond pump, Flushing Water -
 Potable Water AC Power & Air from Dock
 Routine Inspection of all operating Machinery & spaces

Oiler Magallanes

F/WT - Johnson

WATCH ENGR'S SIGNATURE-

R. L. Peck

1600-2000 WATCH

F/WT WALLACE FAILS TO REPORT FOR DUTY @ 1600 - AS TO
 OCT. 30 REQUEST PLEASE NOTE. MACHINERY AS BEFORE. ROUTINE INSPEC-
 TIONS OF ALL OPERATING MACHINERY & SPACES.

FUEL OIL METER OUT OF WHACK.

Oiler Baigosa

2000-2400 WATCH

WATCH ENGR'S SIGNATURE-

J. K. Kunkin

MACHINERY AS BEFORE. BILGES AT A SAFE LEVEL. ROUTINE
 INSPECTION OF ALL OPERATING MACHINERY & SPACES. F/WT WALLACE
 FAILS TO REPORT ON CALL IN.

Oiler Baigosa

2400-0400 WATCH

WATCH ENGR'S SIGNATURE-

J. K. Kunkin

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES.

CONDITIONS NORMAL. CHANGED & CLEANED F.O. BURNER & ^{DISH.} STRAINER. NOTED THAT
 PORT BOILER WIND BOX F.O. ^{DRAIN CO.} SPOT IS COMPLETELY CLOGGED. THIS IS A POTENTIAL
 SAFETY HAZARD. UNUSUS TO KEEP DRAIN HOLE CLEAR.

BILGES AT SAFE LEVEL.

OILER - BRADLEY

F/WT - DOUGLAS

WATCH ENGR'S SIGNATURE-

C. Spector R/E

0400-0800 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES AT REGULAR
 INTERVALS. CONDITIONS NORMAL.

BILGES AT SAFE LEVEL.

OILER - BRADLEY

F/WT - DOUGLAS

WATCH ENGR'S SIGNATURE-

C. Spector R/E

0800-1200 WATCH

Mach as before bilges at a safe level Routine inspection of all
 operating machinery & spaces, shifted main galley and aft part of
 ship to shore steam at 0930

Oiler - Magallanes

F/WT - Johnson

WATCH ENGR'S SIGNATURE-

R. L. Peck 1/AE

CHIEF ENGINEER

BLRS. #2	
P.A.K. 9.3	
T.A.K. 11.7	
CHL. 15.7	
PHOS. 15	
P.H. Cond. 7	
P.H. D.C.	
CHEMICALS ADDED	
ADJ. 4.02	
G.C.	
A.R.C. 1/4 Pt	
STEAMING HOURS	
F.S. 288	
288	

CHIEF ENGR'S SIGNATURE-

Otto L. Bantz

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE								
Gen John Pope				At Hunters		Point				11/18-19/64								
WATCH																		
<table><tr><td></td><td>1200 TO 1600</td><td>1600 TO 2000</td><td>2000 TO 2400</td><td>2400 TO 0400</td><td>0400 TO 0800</td><td>0800 TO 1200</td></tr></table>													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												
WATCH																		
<table><tr><td></td><td>1200 TO 1600</td><td>1600 TO 2000</td><td>2000 TO 2400</td><td>2400 TO 0400</td><td>0400 TO 0800</td><td>0800 TO 1200</td></tr></table>													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																		
MACH. PARTICULARS (CONT'D)																		
TEMPERATURES (CONT'D)																		
HOTTTEST GEAR BEARING FORWARD																		
HOTTTEST GEAR BEARING AFT																		
AUX. COND. CONDENSATE																		
1ST STAGE FEED WATER HEATER																		
D. C. FEED WATER HEATER																		
3RD STAGE FEED WATER HEATER																		
SUPER HEAT																		
F.O. TO BURNERS																		
AIR TO FURNACE																		
F.O. TEMP. IN SETTLING TANKS																		
PORT BOILER UPTAKE																		
STBD. BOILER UPTAKE																		
F. O. BACK PRESSURE																		
MAIN STEAM																		
F.O. TO BURNERS																		
MAIN COND. SALINITY																		
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																		
BOILER PARTICULARS																		
TEMPERATURES																		
PRESSURES																		
THROTTLE																		
H.P. AHEAD																		
L.P. AHEAD																		
VACUUM																		
L.O. TO TURBINES																		
AUX. STEAM																		
BACK PRESSURE																		
GLAND STEAM																		
H.P. BLEEDER																		
I.P. BLEEDER																		
L.P. BLEEDER																		
STEAM AT THROTTLE																		
L. P. EXHAUST																		
CONDENSATE																		
CIRC. WATER IN																		
CIRC. WATER OUT																		
L.O. TO COOLERS																		
L.O. FROM COOLERS																		
TEMPERATURE THRUST BEARING																		
FORWARD H.P. ROTOR BEARING																		
AFT. H.P. ROTOR BEARING																		
FORWARD L.P. ROTOR BEARING																		
AFT. L.P. ROTOR BEARING																		
MISCELLANEOUS																		
FUEL - WATER AND LUBE OIL																		
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																		
METER AT NOON																		
METER PREVIOUS NOON																		
CONSUMED BY METER																		
ON HAND AT START OF DAY																		
RECEIVED DURING DAY																		
EXPENDED DURING DAY																		
REMAINING ON BOARD																		
DOMESTIC WATER																		
ON HAND AT START OF DAY																		
EVAPORATED OR RECEIVED																		
ON HAND																		
CONSUMED																		
DIESEL OIL																		
ON HAND AT START OF DAY																		
EVAPORATED OR RECEIVED																		
ON HAND																		
RECEIVED																		
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																		
DETENTION TIME																		
TOTAL REVOLUTIONS																		
AVERAGE R.P.M.																		
TOTAL MILES BY ENGINE																		
TOTAL MILES BY OBSERVATION																		
PROPELLER SLIP (%)																		
BBL FUEL/MI																		
WIND DIRECTION																		
STATE OF SEA																		
STATE OF WEATHER																		

REMARKS

1200-1600 WATCH

Machinery in operation, Port Boiler, Port Feed Pump, Port F.O. pump
Port F.D. Blower, #1 Aux Gen, DC Aux Cond pump, Flushing water Potable
water, AC Power & air From Dock.

Routine Inspection of all operating Machinery & spaces, B, board load put on shore
Elect-Gen Set at @1335

Oiler-Magallanes

F/W-T-Johnson

WATCH ENGR'S SIGNATURE-

R.L. Peck 1st A/E

1600-2000 WATCH

MACHINERY AS BEFORE, CLEANED & CHARGED F.O. BURNER
& STRAINER. ROUTINE INSPECTION OF ALL OPERATING MACHINERY
& SPACES.

OIL LEAKING FROM WIND BOX PORT BOILER 14" TO 120" PRESSURE NOT
ENOUGH FOR COMPLETE COMBUSTION.

Oiler Raigaza

F/W-T WALLACE

WATCH ENGR'S SIGNATURE-

J.F. Parley

2000-2400 WATCH

MACHINERY AS BEFORE. ROUTINE INSPECTION OF ALL
OPERATING MACHINERY & SPACES. BILGES AT 12 SAFE LEVEL

Oiler Raigaza

F/W-T WALLACE

WATCH ENGR'S SIGNATURE-

J.F. Parley

2400-0400 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTION OF MACHY & SPACES. CLEANED &
CHANGED F.O. BURNER & DISH FILTER. ^{CRS} CHANGED TO 3-INCH #60 BURNER
TIP. BILGES AT SAFE LEVEL.

Oiler-Bradley

F/W-T DOUGLAS

WATCH ENGR'S SIGNATURE-

C. Specter

0400-0800 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTION OF MACHY & SPACES.
CONDITIONS NORMAL. BILGES AT SAFE LEVEL.

Oiler-Bradley

F/W-T DOUGLAS

WATCH ENGR'S SIGNATURE-

C. Specter

0800-1200 WATCH

Machy as before, Transferred fuel oil from #4 C to inbuilt settler
0930-1000, Chanded over to out board settler 0700, Made routine
inspection of all Machinery & spaces.

Oiler-Magallanes

F/W-T-Johnson

WATCH ENGR'S SIGNATURE-

R.L. Peck 1st A/E

CHIEF ENGINEER

BLRS. #2	
P.A.K. 7.0	
T.A.K. 9.9	
CHL. 16.9	
PHOS. 15PPM	
P.H. Cond. 7	
P.H. D.C.	
CHEMICALS ADDED	
ADJ. 4.02	
G.C. 8.02	
A.R.C. 8.02	
STEAMING HOURS	
F.S. 312	
P.W. 312	

CHIEF ENGR'S SIGNATURE-

C.H. Parley

USNS		VOYAGE NO.		FROM-		TO		TYPE OF VESSEL		DATE	
Gen John Pope				At Hunters Point						11/19/20/68	
WATCH											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
MACH. PARTICULARS (CONT'D)											
TEMPERATURES (CONT'D)											
HOTTTEST GEAR BEARING FORWARD											
HOTTTEST GEAR BEARING AFT											
AUX. COND. CONDENSATE											
1ST STAGE FEED WATER HEATER											
D. C. FEED WATER HEATER											
3RD STAGE FEED WATER HEATER											
SUPER HEAT											
F.O. TO BURNERS											
AIR TO FURNACE											
F.O. TEMP. IN SETTLING TANKS											
PORT BOILER UPTAKE											
STBD. BOILER UPTAKE											
F. O. BACK PRESSURE											
MAIN STEAM											
F.D. TO BURNERS											
MAIN COND. SALINITY											
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											
PRESSURES											
THROTTLE											
H.P. AHEAD											
L.P. AHEAD											
VACUUM											
L.O. TO TURBINES											
AUX. STEAM											
BACK PRESSURE											
GLAND STEAM											
H.P. BLEEDER											
I.P. BLEEDER											
L.P. BLEEDER											
STEAM AT THROTTLE											
L. P. EXHAUST											
CONDENSATE											
CIRC. WATER IN											
CIRC. WATER OUT											
L.O. TO COOLERS											
L.O. FROM COOLERS											
TEMPERATURE THRUST BEARING											
FORWARD H.P. ROTOR BEARING											
AFT. H.P. ROTOR BEARING											
FORWARD L.P. ROTOR BEARING											
AFT. L.P. ROTOR BEARING											
F.O. METER (END OF WATCH)											
F.O. CONSUMED											
AVERAGE RPM											
TOTAL REVOLUTIONS (FOR WATCH)											
REVOLUTION COUNTER (END OF WATCH)											
DETENTION TIME											
RUNNING TIME											

WATCH											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
GENERATORS											
FUEL OIL											
DOMESTIC WATER											
LUBE OIL											
DIESEL OIL											
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)											
L.O. CENTRIFUGE - HOURS OPERATED											
SUMMARY											

REMARKS

1200-1600 WATCH

Machinery in operation - Port Boiler - Port Feed Pump - Port F.O. Pump
 Port F.D. Blower #1 Aux Gen on DC, Aux Con Pump -
 Flushing water - Potable water - AC power & Air from Dock
 Made Routine inspection of all Machinery & Spaces
 Ran Diesel Gen from 1215-1245, Diesel Fire pump from 1255 to 1300
 Started Make up Evap #100

Oiler - Magallanes

F/W - Johnson

WATCH ENGR'S SIGNATURE -

R. L. Pick 1st A/E

1600-2000 WATCH

MACHINERY AS BEFORE. CHANGED & CLEANED F.O. BURNER
 & STRAINED ROUTINE INSPECTION OF ALL OPERATING MACHINERY &
 SPACES BLEW DOWN MAKE-UP EVAP. SHOULD BE BLOWN DOWN EVERY
 8 HRS.

Oiler - R. Riggs

F/W - LIBROS

WATCH ENGR'S SIGNATURE -

J. H. Hurler

2000-2400 WATCH

MACHINERY AS BEFORE BILGES AT A SAFE LEVEL.
 ROUTINE INSPECTION OF ALL OPERATING MACHINERY & SPACES.

Oiler - R. Riggs

F/W - LIBROS

WATCH ENGR'S SIGNATURE -

J. H. Hurler

2400-0400 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF OPERATING MACHY &
 SPACES. CLEANED & CLEANED F.O. BURNER & DISCH STRAINER. STEAM ON
 BOTH SETTLERS @ 2330.
 BILGES O.K.

OILER - BRADLEY

F/W - DOUGLAS

WATCH ENGR'S SIGNATURE -

C. J. Spector

0400-0800 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES.
 CONDITIONS NORMAL SECURED STEAM TO SETTLERS @ 0600.
 BILGES AT SAFE LEVEL.

OILER - BRADLEY

F/W - DOUGLAS

WATCH ENGR'S SIGNATURE -

C. J. Spector

0800-1200 WATCH

Machy as before, made routine inspections of Machy & spaces
 conditions normal, Bilges at a safe level.

Oiler - Williams

F/W - Kumar

WATCH ENGR'S SIGNATURE -

R. L. Pick 1st A/E

CHIEF ENGINEER

BLRS. # 2	
P.A.L.K. 8.7	
T.A.L.K. 11.1	
CHL. 16.5	
PHOS. 20 PPM	
P.H. Cond. 7	
P.H.-D.C.	
CHEMICALS ADDED	
ADJ. 4 OZ.	
G.C.	
A.R.C.	
STEAMING HOURS	
F.S. 336	
TWS 336	

CHIEF ENGR'S SIGNATURE -

R. L. Pick 1st A/E

[illegible]

REMARKS

1200-1600 WATCH

Machy in operation - Port Boiler, Port Feed pump, Port F.O. pump
 Port F.D. Blower, #1 Aux Gen DC, Aux Cond pump
 Flushing water, Potable water, AC power + Air from Dock
 Made Routine inspection of Machy + spaces

Oiler-Williams F/W-T-Ramos

WATCH ENGR'S SIGNATURE-

R.L. Peck 1st A/E

1600-2000 WATCH

MACHINERY AS BEFORE. BLEW DOWN MAKE-UP EVAP. CHANGED
 + CLEANED F.O. STRAINER + BURNER. ROUTINE INSPECTION OF ALL OPER-
 ating machinery + spaces.

Oiler Briggs

F/W-T-LIBBI

WATCH ENGR'S SIGNATURE-

J. Hurliga

2000-2400 WATCH

MACHINERY AS BEFORE. ROUTINE INSPECTION OF ALL OPER-
 ating machinery + spaces. BILGES AT A SAFE LEVEL.

Oiler Briggs

F/W-T-LIBBI

WATCH ENGR'S SIGNATURE-

J. Hurliga

2400-0400 WATCH

MACHINERY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY + SPACES AT
 REGULAR INTERVALS. CONDITIONS NORMAL. CHANGED + CLEANED F.O. BURNER +
 DISCH. STRAINER. STEAM ON SETTLERS @ 0030. BILGES AT SAFE LEVEL.

Oiler-Bradley

F/W-T-DOUGLAS

WATCH ENGR'S SIGNATURE-

C. Specter 1st A/E

0400-0800 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY + SPACES AT
 FREQUENT INTERVALS. CONDITIONS NORMAL. STEAM OFF SETTLERS @ 0430.
 BILGES O.K.

Oiler-Bradley

F/W-T-DOUGLAS

WATCH ENGR'S SIGNATURE-

C. Specter 1st A/E

0800-1200 WATCH

Machy as before. Made routine inspections of Machy + spaces
 at frequent intervals. Conditions normal. Changed + Cleaned F.O. Burner + Strainer
 Bilges at a safe level.

Oiler-Williams

F/W-T-Ramos

WATCH ENGR'S SIGNATURE-

R.L. Peck 1st A/E

CHIEF ENGINEER

BLRS. # 2	
P.A.L.K. 7.0	
T.A.L.K. 9.3	
CHL. 15.3	
PHOS. 18	
P.H. Cond. 7	
P.H.-D.C.	
CHEMICALS ADDED	
ADJ. 4.02	
G.C. 8.02	
A.R.C. 4.02	
STEAMING HOURS	
F.S.	

CHIEF ENGR'S SIGNATURE-

Otto L. Bantz

[illegible]

REMARKS

1200-1600 WATCH

Machy in operation. Port Boiler, Port Feed pump, Port F.O. pump.
Port F.D. Blower, *1, Aux Gen D.C., Aux Cond pump. + Make Up Evap
Flushing water, Potable water, AC power + Air from dock.
Made routine inspection of Machy + spaces

Oiler-Williams

FWT-Ramos

WATCH ENGR'S SIGNATURE-

R. H. Rock 1st A/E

1600-2000 WATCH

MACHINERY AS BEFORE CHANGED + CLEANED BURNER + STRAINER
ROUTINE INSPECTION OF ALL OPERATING MACHINERY + SPACES.

Oiler Libio's

FWT DURAN

WATCH ENGR'S SIGNATURE-

J. J. Bunkley

2000-2400 WATCH

MACHINERY AS BEFORE. BILGES AT A SAFE LEVEL.
ROUTINE INSPECTION OF ALL OPERATING MACHINERY + SPACES.

Oiler Libio's

FWT DURAN

WATCH ENGR'S SIGNATURE-

J. J. Bunkley

2400-0400 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF ALL OPERATING MACHY +
ENGINE SPACES. CONDITIONS NORMAL. CHANGED + CLEANED F.O. BURNER
AND DISCH. STRAINER. STEAM ON INBD + OUTBD SETTLERS @ 0015.
BILGES AT SAFE LEVEL.

OILER-BRADLEY

FWT-DOUGLAS

WATCH ENGR'S SIGNATURE-

C. Spector R/S

0400-0800 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF ALL OPERATING MACHY +
ENGINE SPACES. CONDITIONS NORMAL. STEAM TO SETTLERS SECURED @ 0645.
BILGES AT SAFE LEVEL

OILER BRADLEY

FWT-DOUGLAS

WATCH ENGR'S SIGNATURE-

C. Spector R/S

0800-1200 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF ALL OPERATING MACHY +
ENGINE SPACES. CONDITIONS NORMAL. CHANGED + CLEANED F.O. BURNER + STRAINER
BILGES PUMPED TO SAFE LEVELS. BLEW-DOWN MAKE-UP EVAP @ 0830.

OILER-WILLIAMS

FWT-RAMOS

WATCH ENGR'S SIGNATURE-

C. Spector R/S

CHIEF ENGINEER

✓	BERS. +	
	PALK.	
	TALK.	
	CHL.	
	PHOS.	
	P.H. Conc	
	P.H. D.C	
CHEMICALS A/E		
	ADJ.	
	G.C.	
	A.R.C	
STEAMING HOURS		
	T.S.	
	TWS	

AT 1400 FOUND FEED BY-PASS TO MAKE UP EVAP
HALF WAY OPEN. EVAP FLOWED, BLD. COND. FLOWED. LOSSING
VACUUM BOLLER SALINITY @ 1500 - 16.57 ppt.

CHIEF ENGR'S SIGNATURE-

O. H. Ramos

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE					
Gen. John Pope				At Hunters Point						4/20/69					
		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)		9116 530		9117 40		9117 210		9117 180		9117 340		9117 520			
F.O. CONSUMED		190		260		220		170		160		180			
PRESSURES		THROTTLE													
		H.P. AHEAD													
		L.P. AHEAD													
		VACUUM													
		L.O. TO TURBINES													
		AUX. STEAM													
		BACK PRESSURE		8		8		8		8		8			
		GLAND STEAM													
		H.P. BLEEDER													
		I.P. BLEEDER													
		L.P. BLEEDER													
TEMPERATURES		STEAM AT THROTTLE													
		L. P. EXHAUST													
		CONDENSATE													
		CIRC. WATER IN		60		60		60		60		60			
		CIRC. WATER OUT		66		66		66		66		66			
		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													
MACH. PARTICULARS (CONT'D)		HOTTEST GEAR BEARING FORWARD													
		HOTTEST GEAR BEARING AFT													
		AUX. COND. CONDENSATE													
		1ST STAGE FEED WATER HEATER													
		D. C. FEED WATER HEATER		235		235		235		235		228			
		3RD STAGE FEED WATER HEATER													
TEMPERATURES		SUPER HEAT		P											
				S											
		F.O. TO BURNERS		225		225		225		225		220			
		AIR TO FURNACE		P											
				S											
		F.O. TEMP. IN SETTLING TANKS		P		100		100		98		97			
				S											
		PORT BOILER UPTAKE		305		305		305		305		325			
		STBD. BOILER UPTAKE													
PRESSURES		F. O. BACK PRESSURE													
		MAIN STEAM		440		440		440		440		440			
		F.O. TO BURNERS		200		200		200		200		200			
MISCELLANEOUS		MAIN COND. SALINITY													
		ENGINE ROOM TEMPERATURE													
		FIRE ROOM TEMPERATURE													
		NOZZLES IN USE													
		NO. OF BURNERS IN USE		P		1		1		1		1			
				S											
				P		60		60		60		60			
		BURNER TIP SIZE		S											
		CO ₂ % PORT BOILER													
		CO ₂ % STBD. BOILER													
		OIL LEVEL MAIN SUMP													

REMARKS

1200-1600 WATCH

Machinery in operation, Port boiler, Port Feed pump, Port F.O. service pump.
 Port Forced Draft Blower, #1 Aux. Gen. D.C. For Plant electrical load. Shore Power
 For rest of ships electrical load. Aux. Cond. Pump. & Make up Feed Evap.
 Flushing water, Potable water, M.C. Power & Air supplied from Dock.
 Made routine inspection of Machinery spaces. Changed Burner - Dipt. Normal & ok.

Oiler-Williams F.W.T. Ramos

WATCH ENGR'S SIGNATURE-

John Robert 7/E

1600-2000 WATCH

Changed Burner - Dipt. Normal & ok

Oiler-Magallanes F.W.T. Johnson

WATCH ENGR'S SIGNATURE-

John Robert 7/E

2000-2400 WATCH

Changed Burner - Dipt. Normal & ok

Oiler-Magallanes F.W.T. Johnson

WATCH ENGR'S SIGNATURE-

John Robert 7/E

2400-0400 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES AT
 FREQUENT INTERVALS. STEAM ON INBOARD SETTLER @ 0100. CHANGED & CLEANED
 F.O. BURNER & DISCH. STRAINER. BILGES O.K.

OILER - RAIGOZA

FWT - VAN BUSKIRK

WATCH ENGR'S SIGNATURE-

C. Spector 7/E

0400-0800 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES.

CONDITIONS NORMAL.

BILGES AT SAFE LEVEL.

OILER - RAIGOZA

FWT - VAN BUSKIRK

WATCH ENGR'S SIGNATURE-

C. Spector 7/E

0800-1200 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF OPERATING MACHY & SPACES.
 CONDITIONS SATISFACTORY. CHANGED & CLEANED F.O. BURNER & DISCH. STRAINER.
 CHANGED F.O. SUCTION TO INBOARD SETTLER @ 0830. BLEW DOWN MAKE-UP EVAP.
 BILGES O.K.

OILER - WILLIAMS

FWT - RAMOS

WATCH ENGR'S SIGNATURE-

C. Spector 7/E

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.	-

CHIEF ENGR'S SIGNATURE-

Otto L. Bantz

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
										23 24	

		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								MACH. PARTICULARS (CONT'D)							
DETENTION TIME								TEMPERATURES (CONT'D)							
REVOLUTION COUNTER (END OF WATCH)								HOTTEST GEAR BEARING FORWARD							
TOTAL REVOLUTIONS (FOR WATCH)								HOTTEST GEAR BEARING AFT							
AVERAGE RPM								AUX. COND. CONDENSATE							
F.O. METER (END OF WATCH)		947	917	918	918	918	418	1ST STAGE FEED WATER HEATER							
F.O. CONSUMED		230	200	190	220	210	66	D. C. FEED WATER HEATER		235	225	235	235	235	
								3RD STAGE FEED WATER HEATER							
								SUPER HEAT		P					
								F.O. TO BURNERS		S	225	225	225	225	225
								AIR TO FURNACE		P					
								F.O. TEMP. IN SETTLING TANKS		S	108	108	106	105	104
								PORT BOILER UPTAKE		P	235	235	235	235	235
								STBD. BOILER UPTAKE		S					
								F. O. BACK PRESSURE							
								MAIN STEAM			440	440	440	440	440
								F.O. TO BURNERS			230	220	230	230	225
								MAIN COND. SALINITY							
								ENGINE ROOM TEMPERATURE							
								FIRE ROOM TEMPERATURE							
								NOZZLES IN USE							
								NO. OF BURNERS IN USE		P	1	1	1	1	1
								BURNER TIP SIZE		S	60	60	60	60	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				WATER				LUBE OIL			
1200 TO 1600		1	1260	440		9.2	112	95		63	125	125	240	METER AT NOON		ON HAND AT START OF DAY		EVAPORATED OR RECEIVED		ON HAND		CONSUMED			
														METER PREVIOUS NOON		ON HAND AT START OF DAY	11,983	ON HAND		CONSUMED					
														CONSUMED BY METER		RECEIVED DURING DAY	- 0 -	RECEIVED		ON HAND		CONSUMED			
														ON HAND AT START OF DAY		EXPENDED DURING DAY	32	RECEIVED		ON HAND		CONSUMED			
														REMAINING ON BOARD		RECEIVED DURING DAY	11,951	RECEIVED		ON HAND		CONSUMED			
1600 TO 2000		1	1260	440		9.2	112	95		63	125	125	240	ON HAND AT START OF DAY		ON HAND AT START OF DAY		ON HAND		CONSUMED					
														EVAPORATED OR RECEIVED		ON HAND AT START OF DAY		ON HAND		CONSUMED					
														ON HAND		ON HAND AT START OF DAY		ON HAND		CONSUMED					
														CONSUMED		ON HAND AT START OF DAY		ON HAND		CONSUMED					
2000 TO 2400		1	1260	440		9.2	112	95		63	125	125	240	ON HAND AT START OF DAY		ON HAND AT START OF DAY		ON HAND		CONSUMED					
														EVAPORATED OR RECEIVED		ON HAND AT START OF DAY		ON HAND		CONSUMED					
														ON HAND		ON HAND AT START OF DAY		ON HAND		CONSUMED					
														CONSUMED		ON HAND AT START OF DAY		ON HAND		CONSUMED					
2400 TO 0400		1	1200	440		9.5	114	96		64	125	125	240	ON HAND AT START OF DAY		ON HAND AT START OF DAY		ON HAND		CONSUMED					
														EVAPORATED OR RECEIVED		ON HAND AT START OF DAY		ON HAND		CONSUMED					
														ON HAND		ON HAND AT START OF DAY		ON HAND		CONSUMED					
														CONSUMED		ON HAND AT START OF DAY		ON HAND		CONSUMED					
0400 TO 0800		1	1200	440		9.5	114	96		64	125	125	240	ON HAND AT START OF DAY		ON HAND AT START OF DAY		ON HAND		CONSUMED					
														EVAPORATED OR RECEIVED		ON HAND AT START OF DAY		ON HAND		CONSUMED					
														ON HAND		ON HAND AT START OF DAY		ON HAND		CONSUMED					
														CONSUMED		ON HAND AT START OF DAY		ON HAND		CONSUMED					
0800 TO 1200														ON HAND AT START OF DAY		ON HAND AT START OF DAY		ON HAND		CONSUMED					
														EVAPORATED OR RECEIVED		ON HAND AT START OF DAY		ON HAND		CONSUMED					
														ON HAND		ON HAND AT START OF DAY		ON HAND		CONSUMED					
														CONSUMED		ON HAND AT START OF DAY		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		PROPELLER SLIP (%)	
DETENTION TIME		BBL FUEL/MI	
TOTAL REVOLUTIONS		WIND DIRECTION	
AVERAGE R.P.M.		STATE OF SEA	
TOTAL MILES BY ENGINE		STATE OF WEATHER	
TOTAL MILES BY OBSERVATION			

REMARKS

1200-1600 WATCH

Machinery in operation, Port Bailer, Port Feed pump, Port F.O. service pump.
Port Forced draft blower, #1 Aux. Gen. D.C.

Hulk Cond. pump. & make up Feed Evap. Flushing water, Potable water, D.C. power
& Air supplied from shore.

Made routine inspection of Machinery spaces. Dept. Normal & OK

Oiler-Williams F.W.T. Ramos.

WATCH ENGR'S SIGNATURE.

John Robert R/E

1600-2000 WATCH

Changed Burners - Dept. Normal & OK

Oiler-Magallanes F.W.T. Johnson

WATCH ENGR'S SIGNATURE.

John Robert R/E

2000-2400 WATCH

Changed Burners. Dept. Normal & OK

Oiler-Magallanes F.W.T. Johnson

WATCH ENGR'S SIGNATURE.

John Robert R/E

2400-0400 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES.

CONDITIONS NORMAL. CHANGED & CLEANED F.O. BURNER & STRAINER.

BILGES O.K.

OILER-RAIGOZA

FWT-VAN BISKIRK

WATCH ENGR'S SIGNATURE.

C. Spector R/E

0400-0800 WATCH

MACHY AS BEFORE. MADE ROUTINE INSPECTIONS OF MACHY & SPACES.

CONDITIONS NORMAL. BLEW DOWN MAKE-UP EVAP.

BILGES AT SAFE LEVEL.

OILER-RAIGOZA

FWT-VAN BISKIRK

WATCH ENGR'S SIGNATURE.

C. Spector R/E

0800-1200 WATCH

Transferred Elect. load to dock & secured Plant @ 0830. Added
water to Port Bailer made inspections of all machy & spaces.

OILER-Williams F.W.T. Ramos.

WATCH ENGR'S SIGNATURE.

Rb. Ramos

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 at 0830 24 Nov 1969, all facilities
from Dock.

CHIEF ENGR'S SIGNATURE.

Otho R. Bandy

USNS			VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE 24 25			
			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														
PRESSURES			THROTTLE											
			H.P. AHEAD											
			L.P. AHEAD											
			VACUUM											
			L.O. TO TURBINES											
			AUX. STEAM											
			BACK PRESSURE											
			GLAND STEAM											
			H.P. BLEEDER											
			L.P. BLEEDER											
TEMPERATURES			STEAM AT THROTTLE											
			L. P. EXHAUST											
			CONDENSATE											
			CIRC. WATER IN											
			CIRC. WATER OUT											
			L.O. TO COOLERS											
			L.O. FROM COOLERS											
			TEMPERATURE THRUST BEARING											
			FORWARD H.P. ROTOR BEARING											
			AFT. H.P. ROTOR BEARING											
MACH. PARTICULARS (CONT'D)			HOTTEST GEAR BEARING FORWARD											
			HOTTEST GEAR BEARING AFT											
			AUX. COND. CONDENSATE											
			1ST STAGE FEED WATER HEATER											
			O. C. FEED WATER HEATER											
			3RD STAGE FEED WATER HEATER											
			SUPER HEAT		P									
			S											
			F.O. TO BURNERS											
			AIR TO FURNACE		P									
BOILER PARTICULARS (CONT'D)			S											
			F.O. TEMP. IN SETTLING TANKS		P									
			S											
			PORT BOILER UPTAKE											
			STBD. BOILER UPTAKE											
			F. O. BACK PRESSURE											
			MAIN STEAM											
			F.O. TO BURNERS											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
TEMPERATURES			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
			S											
			BURNER TIP SIZE		P									
			S											
			CO ₂ % PORT BOILER											
			CO ₂ % STBD. BOILER											
			OIL LEVEL MAIN SUMP											
			MISCELLANEOUS			MAIN COND. SALINITY								
ENGINE ROOM TEMPERATURE														
FIRE ROOM TEMPERATURE														
NOZZLES IN USE														
NO. OF BURNERS IN USE		P												
S														
BURNER TIP SIZE		P												
S														
CO ₂ % PORT BOILER														
CO ₂ % STBD. BOILER														
PRESSURES			OIL LEVEL MAIN SUMP											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
			S											
			BURNER TIP SIZE		P									
			S											
			CO ₂ % PORT BOILER											
MISCELLANEOUS			CO ₂ % STBD. BOILER											
			OIL LEVEL MAIN SUMP											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
			S											
			BURNER TIP SIZE		P									
			S											
PRESSURES			CO ₂ % PORT BOILER											
			CO ₂ % STBD. BOILER											
			OIL LEVEL MAIN SUMP											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
			S											
			BURNER TIP SIZE		P									
MISCELLANEOUS			S											
			CO ₂ % PORT BOILER											
			CO ₂ % STBD. BOILER											
			OIL LEVEL MAIN SUMP											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
			S											
PRESSURES			BURNER TIP SIZE		P									
			S											
			CO ₂ % PORT BOILER											
			CO ₂ % STBD. BOILER											
			OIL LEVEL MAIN SUMP											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
MISCELLANEOUS			S											
			CO ₂ % PORT BOILER											
			CO ₂ % STBD. BOILER											
			OIL LEVEL MAIN SUMP											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
			S											
PRESSURES			BURNER TIP SIZE		P									
			S											
			CO ₂ % PORT BOILER											
			CO ₂ % STBD. BOILER											
			OIL LEVEL MAIN SUMP											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
MISCELLANEOUS			S											
			CO ₂ % PORT BOILER											
			CO ₂ % STBD. BOILER											
			OIL LEVEL MAIN SUMP											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
			S											
PRESSURES			BURNER TIP SIZE		P									
			S											
			CO ₂ % PORT BOILER											
			CO ₂ % STBD. BOILER											
			OIL LEVEL MAIN SUMP											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
MISCELLANEOUS			S											
			CO ₂ % PORT BOILER											
			CO ₂ % STBD. BOILER											
			OIL LEVEL MAIN SUMP											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
			S											
PRESSURES			BURNER TIP SIZE		P									
			S											
			CO ₂ % PORT BOILER											
			CO ₂ % STBD. BOILER											
			OIL LEVEL MAIN SUMP											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
MISCELLANEOUS			S											
			CO ₂ % PORT BOILER											
			CO ₂ % STBD. BOILER											
			OIL LEVEL MAIN SUMP											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
			S											
PRESSURES			BURNER TIP SIZE		P									
			S											
			CO ₂ % PORT BOILER											
			CO ₂ % STBD. BOILER											
			OIL LEVEL MAIN SUMP											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
MISCELLANEOUS			S											
			CO ₂ % PORT BOILER											
			CO ₂ % STBD. BOILER											
			OIL LEVEL MAIN SUMP											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
			S											
PRESSURES			BURNER TIP SIZE		P									
			S											
			CO ₂ % PORT BOILER											
			CO ₂ % STBD. BOILER											
			OIL LEVEL MAIN SUMP											
			MAIN COND. SALINITY											
			ENGINE ROOM TEMPERATURE											
			FIRE ROOM TEMPERATURE											
			NOZZLES IN USE											
			NO. OF BURNERS IN USE		P									
MISCELLANEOUS			S											
			CO ₂ % PORT BOILER											

REMARKS

1200-1600 WATCH

Plant Secured All Service from dock. Made inspections of all machinery & spaces.

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

AS BEFORE. PLANT SECURED.

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

Oiler MAGALLANEZ FWT HADWIN

AS BEFORE. PLANT SECURED

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

Oiler MAGALLANEZ

FWT JONNIN

PLANT SECURED. MADE ROUTINE INSPECTIONS OF MACHINERY & SPACES.

NOTE UNABLE TO PUMP OUT REEFER FLAT BILGE USING EITHER FWD OR AFT BILGE PUMP. VENTED PORT BOILER TO OOTS.

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

OILER-RAIGOZA

FWT-VAN BUSKIRK

PLANT SECURED MADE ROUTINE INSPECTIONS OF MACHINERY & SPACES.

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

OILER-RAIGOZA

FWT-VAN BUSKIRK

Plant secured, made routine inspection of machinery & spaces

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-

Otto L. Bank

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
6FN 4042 RRR				AT HUNTERS		POINT.				11/25-26/69			
		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													
PRESSURES		THROTTLE											
		H.P. AHEAD											
		L.P. AHEAD											
		VACUUM											
		L.O. TO TURBINES											
		AUX. STEAM											
		BACK PRESSURE											
		GLAND STEAM											
		H.P. BLEEDER											
		I.P. BLEEDER											
		L.P. BLEEDER											
		TEMPERATURES		STEAM AT THROTTLE									
L. P. EXHAUST													
CONDENSATE													
CIRC. WATER IN													
CIRC. WATER OUT													
L.O. TO COOLERS													
L.O. FROM COOLERS													
TEMPERATURE THRUST BEARING													
FORWARD H.P. ROTOR BEARING													
AFT. H.P. ROTOR BEARING													
FORWARD L.P. ROTOR BEARING													
AFT. L.P. ROTOR BEARING													
MACH. PARTICULARS (CONT'D)		HOTTEST GEAR BEARING FORWARD											
		HOTTEST GEAR BEARING AFT											
		AUX. COND. CONDENSATE											
		1ST STAGE FEED WATER HEATER											
		D. C. FEED WATER HEATER											
		3RD STAGE FEED WATER HEATER											
		SUPER HEAT		P									
				S									
		F.O. TO BURNERS											
		AIR TO FURNACE		P									
				S									
		F.O. TEMP. IN SETTLING TANKS		P									
		S											
BOILER PARTICULARS		PORT BOILER UPTAKE											
		STBD. BOILER UPTAKE											
		F. D. BACK PRESSURE											
		MAIN STEAM											
TEMPERATURES		F.O. TO BURNERS											
		MAIN COND. SALINITY											
		ENGINE ROOM TEMPERATURE											
		FIRE ROOM TEMPERATURE											
PRESSURES		NOZZLES IN USE											
		NO. OF BURNERS IN USE		P									
				S									
		BURNER TIP SIZE		P									
		S											
MISCELLANEOUS		CO ₂ % PORT BOILER											
		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											

REMARKS

1200-1600 WATCH

Plant secured all service from dock

WATCH ENGR'S SIGNATURE-

R. L. Dick 1st A/E

1600-2000 WATCH

Plant secured. Ship on Stand Power.

WATCH ENGR'S SIGNATURE-

Vice Magistrate

FMT HONSD.

2000-2400 WATCH

Plant Secured Bilges at a safe level.

J. J. Hunsley

WATCH ENGR'S SIGNATURE-

Vice Magistrate

FMT JINTON

2400-0400 WATCH

Plant secured. Added water to Port Boiler.

J. J. Hunsley

NOTE: FMT VAN BUSKIRK FAILED TO REPORT OR CALL IN FOR DUTY

WATCH ENGR'S SIGNATURE-

OILER - RAIGORZA

FMT-

0400-0800 WATCH

Plant secured

C. J. Hunsley

NOTE: FMT VAN BUSKIRK FAILED TO REPORT OR CALL IN FOR DUTY

WATCH ENGR'S SIGNATURE-

OILER - RAIGORZA

FMT-

0800-1200 WATCH

Plant secured, Bilges at a safe level

C. J. Hunsley

WATCH ENGR'S SIGNATURE-

R. L. Dick 1st A/E

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-

Otto L. Bantz

[illegible]

REMARKS

1200-1600 WATCH

Plant secured, All service from dock

WATCH ENGR'S SIGNATURE-

R L Tech let A/E

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

All Fuel and Oiler watches secured at 2400
26 Nov 1969 and men assigned to Paywork.

#	BLRS. #	
	P.A.L.R.	
	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-

Otto L. Bantz

[illegible]

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.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-

[illegible]

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

PLANT SECURED
BILGES @ SAFE LEVEL

WATCH ENGR'S SIGNATURE- *John P/E*

0400-0800 WATCH

PLANT SECURED
BILGES @ SAFE LEVEL

WATCH ENGR'S SIGNATURE- *John P/E*

0800-1200 WATCH

PLANT SECURED
BILGES @ SAFE LEVEL

WATCH ENGR'S SIGNATURE- *John P/E*

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-

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE																			
										29 30																			
		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																													
PRESSURES		THROTTLE																											
		H.P. AHEAD																											
		L.P. AHEAD																											
		VACUUM																											
		L.O. TO TURBINES																											
		AUX. STEAM																											
		BACK PRESSURE																											
		GLAND STEAM																											
		H.P. BLEEDER																											
		I.P. BLEEDER																											
		L.P. BLEEDER																											
		STEAM AT THROTTLE																											
L. P. EXHAUST																													
CONDOENSATE																													
CIRC. WATER IN																													
CIRC. WATER OUT																													
L.O. TO COOLERS																													
L.O. FROM COOLERS																													
TEMPERATURE THRUST BEARING																													
FORWARD H.P. ROTOR BEARING																													
AFT. H.P. ROTOR BEARING																													
FORWARD L.P. ROTOR BEARING																													
AFT. L.P. ROTOR BEARING																													
TEMPERATURES		STEAM AT THROTTLE																											
		L. P. EXHAUST																											
		CONDOENSATE																											
		CIRC. WATER IN				</																							

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.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-