

USNS		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			
		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											
TEMPERATURES		FORWARD L.P. ROTOR BEARING											
		AFT. L.P. ROTOR BEARING											
TEMPERATURES		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											
		F.O. TO BURNERS											
		AIR TO FURNACE											
		F.O. TEMP. IN SETTLING TANKS											
PRESSURES		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											
TEMPERATURES		BURNER TIP SIZE											
		CO ₂ % PORT BOILER											
		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		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											
TEMPERATURES		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		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											
TEMPERATURES		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		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											
TEMPERATURES		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		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											
TEMPERATURES		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		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											
TEMPERATURES		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		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											
TEMPERATURES		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		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											
TEMPERATURES		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		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											
TEMPERATURES		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		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											
TEMPERATURES		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											
PRESSURES		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											
TEMPERATURES		CO ₂ % STBD. BOILER											
		OIL LEVEL MAIN SUMP											

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

R. L. Warner

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Engle

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Engle

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

R. L. Warner

CHIEF ENGINEER

73	BLS. <i>R/E</i>	
	P.A.L.K.	
	T.A.L.K.	
	CHL.	
	PHOS.	
	P.H. Conc	
	P.H. DC	
CHEMICALS ADDED		
	ADJ	
	G.C.	
	A.R.C.	
STEAMING HOURS		
842	W.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

R. L. Warner

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
10-10-10		10-10		10-10-10		10-10-10		10-10-10		10-10-10			
		WATCH						WATCH					
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800			
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800			
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													
TEMPERATURES													
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													
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													
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						</							

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

B. L. Wenner

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/a

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/a

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

C. J. Dargatzis

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

C. J. Dargatzis

0800-1200 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

C. J. Dargatzis

CHIEF ENGINEER

# 3	BLS. # 4
	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	
842	F.S. 000
2052	W.S. 2108

CHIEF ENGR'S SIGNATURE-

C. J. Dargatzis

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/a.

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/a.

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/a.

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Lang

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Lang

0800-1200 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. J. Lang

CHIEF ENGINEER

#3	BLRS. #4
	PALK
	TALK
	CHL
	PHOS
	F & Cond.
	AT D.C.
CHEMICALS ADDED	
	FAO
	SO.
	A.R.C.
STEAMING HOURS	
842	F.S. 000
2052	1WS 2108

CHIEF ENGR'S SIGNATURE-

Clyde Wilson R/a.

USNS		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	
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									
		F.O. TO BURNERS									
		AIR TO FURNACE									
		F.O. TEMP. IN SETTLING TANKS									
		PORT BOILER UPTAKE									
		STBD. BOILER UPTAKE									
TEMPERATURES		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		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									
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									
		MAIN COND. SALINITY									
		ENGINE ROOM TEMPERATURE									
		FIRE ROOM TEMPERATURE									
TEMPERATURES		MAIN COND. SALINITY									
		ENGINE ROOM TEMPERATURE				</					

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

W. L. Wilson

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

W. L. Wilson

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

W. L. Wilson

2400-0400 WATCH

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

W. L. Wilson

CHIEF ENGINEER

1.3	BLRS. # 4	
	P.A.L.K.	
	T.A.L.K.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H.-D.C.	
CHEMICALS ADDED		
	A.P.I.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
842	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

W. L. Wilson

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
USS Johnston		13-H		Upper York		12-13-68		12-13-68		12-13-68	
WATCH											
1200 TO 16001600 TO 20002000 TO 24002400 TO 04000400 TO 08000800 TO 1200											
MACH. PARTICULARS (CONT'D)											
TEMPERATURES (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											
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 P S											
BURNER TIP SIZE P S											
CO. & PORT BOILER											
CO. & STBD. BOILER											
OIL LEVEL MAIN SUMP											
MISCELLANEOUS											
MACH. PARTICULARS											
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											
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											
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											
DN HAND											
CONSUMED											
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

Plant Secured

WATCH ENGR'S SIGNATURE-

B. F. Wimmer

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Capt. Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Capt. Wilson R/E

2400-0400 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

J. Schetinin R/E

0400-0800 WATCH

Plant secured

WATCH ENGR'S SIGNATURE-

J. Schetinin R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Jose M. Chavez

CHIEF ENGINEER

#3	BLRS. #4	
	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		
842	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

J. Schetinin

USNS <i>Albatross</i>		VOYAGE NO. <i>13-F</i>		FROM <i>Albatross</i>		TO <i>Y.F.</i>		TYPE OF VESSEL <i>AS-3</i>		DATE <i>9/13-14/65</i>								
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												
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 P																		
S																		
F.O. TO BURNERS																		
AIR TO FURNACE P																		
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																		
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																		
MACH. PARTICULARS																		
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																		
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 <i>152783.2</i>																		
CONSUMED BY METER																		
ON HAND AT START OF DAY <i>15324</i>																		
RECEIVED DURING DAY																		
EXPENDED DURING DAY <i>50</i>																		
REMAINING ON BOARD <i>15474</i>																		
ON HAND AT START OF DAY <i>312</i>																		
EVAPORATED OR RECEIVED																		
ON HAND <i>312</i>																		
CONSUMED																		
DOMESTIC WATER																		
ON HAND AT START OF DAY																		
EVAPORATED OR RECEIVED																		
ON HAND																		
CONSUMED																		
BOILER WATER																		
ON HAND AT START OF DAY																		
EVAPORATED OR RECEIVED																		
ON HAND																		
CONSUMED																		
LUBE OIL																		
ON HAND AT START OF DAY <i>1571</i>																		
RECEIVED																		
ON HAND																		
CONSUMED																		
DIESEL OIL																		
ON HAND <i>1515</i>																		
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

Plant Secured.

WATCH ENGR'S SIGNATURE-

Joe M. Chavey

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

W. H. Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

W. H. Wilson R/E

2400-0400 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. Schott R/E

0400-0800 WATCH

PLANT SECURED

WATCH ENGR'S SIGNATURE-

J. Schott R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Joe M. Chavey

CHIEF ENGINEER

# 3	BLRS. # 4	
	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		
842	F.S. 000	
1052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

J. Schott R/E

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
13-A		13-A		13-A		13-A		13-A		13-A			
		WATCH						WATCH					
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800			
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800			
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													
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													
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													
LUBE OIL													
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													
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

Plant Secured

WATCH ENGR'S SIGNATURE-

Joe M. Chaves

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schettin R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schettin R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Joe M. Chaves

CHIEF ENGINEER

13	BLS. # 4	
	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		
842	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

Clyde Wilson R/E

USNS

VOYAGE NO.

FROM

TO

TYPE OF VESSEL

DATE

13-A

USS Intrepid

12-13-A

11/15/68

		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													
	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)		TEMPERATURES (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														
PORT BOILER UPTAKE														
STBD. BOILER UPTAKE														
PRESSURES		F. O. BACK PRESSURE												
		MAIN STEAM												
		F.O. TO BURNERS												
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												
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	METER AT NOON	METER PREVIOUS NOON	CONSUMED BY METER	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED
1200 TO 1600																	
1600 TO 2000																	
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		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

Plant Secured

WATCH ENGR'S SIGNATURE-

B. L. Wenzel

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schettin R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schettin R/E

0800-1200 WATCH

Plant Secured - Elect. running some equip for test program.

WATCH ENGR'S SIGNATURE-

B. L. Wenzel

CHIEF ENGINEER

13	BLRS. # 4	
	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		
842	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

Robert Thompson

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
15-7		15-7		15-7		15-7		15-7		15-7	
		WATCH				WATCH					
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800	
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											
TEMPERATURES											
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											
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											
1200 TO 1600											
1600 TO 2000											
2000 TO 2400											
2400 TO 0400											
0400 TO 0800											
0800 TO 1200											
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											
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

Elect. running & starting motor @ 1200 to 1400 - Plant Secured as of 1400

WATCH ENGR'S SIGNATURE-

B. L. Weaver

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/S

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/S

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schettin

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schettin

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schettin

CHIEF ENGINEER

13	BERS.	14
	PALK.	
	TALK.	
	CHL.	
	PHOS.	
	P.H. Conc.	
	P.H. D C	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C	
STEAMING HOURS		
842	F.S. 000	
2082	W.S. 2408	

CHIEF ENGR'S SIGNATURE-

J. Schettin

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE							
USS Johnston		1-1-E		Hutchinson, Calif.		Hutchinson, Calif.		USS Johnston		8/17-18							
WATCH																	
<table><tr><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												
MACH. PARTICULARS (CONT'D)						WATCH											
RUNNING TIME						1200 TO 1600											
DETENTION TIME						1600 TO 2000											
REVOLUTION COUNTER (END OF WATCH)						2000 TO 2400											
TOTAL REVOLUTIONS (FOR WATCH)						2400 TO 0400											
AVERAGE RPM						0400 TO 0800											
F.O. METER (END OF WATCH)						0800 TO 1200											
F.O. CONSUMED																	
PRESSURES						TEMPERATURES											
THROTTLE						HOTTEST GEAR BEARING FORWARD											
H.P. AHEAD						HOTTEST GEAR BEARING AFT											
L.P. AHEAD						AUX. COND. CONDENSATE											
VACUUM						1ST STAGE FEED WATER HEATER											
L.O. TO TURBINES						D. C. FEED WATER HEATER											
AUX. STEAM						3RD STAGE FEED WATER HEATER											
BACK PRESSURE						SUPER HEAT											
GLAND STEAM						F.O. TO BURNERS											
H.P. BLEEDER						AIR TO FURNACE											
I.P. BLEEDER						F.O. TEMP. IN SETTLING TANKS											
L.P. BLEEDER						PORT BOILER UPTAKE											
STEAM AT THROTTLE						STBD. BOILER UPTAKE											
L. P. EXHAUST						F. O. BACK PRESSURE											
CONDENSATE						MAIN STEAM											
CIRC. WATER IN						F.O. TO BURNERS											
CIRC. WATER OUT						MAIN COND. SALINITY											
L.O. TO COOLERS						ENGINE ROOM TEMPERATURE											
L.O. FROM COOLERS						FIRE ROOM TEMPERATURE											
TEMPERATURE THRUST BEARING						NOZZLES IN USE											
FORWARD H.P. ROTOR BEARING						NO. OF BURNERS IN USE											
AFT. H.P. ROTOR BEARING						BURNER TIP SIZE											
FORWARD L.P. ROTOR BEARING						CO ₂ % PORT BOILER											
AFT. L.P. ROTOR BEARING						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																	
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																	
EVAPORATED OR RECEIVED																	
ON HAND																	
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																	
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

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Scholten R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Scholten R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Scholten R/E

CHIEF ENGINEER

# 3	BLRS. # 4	
	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		
842	F.S. 000	
2052	WS 2108	

CHIEF ENGR'S SIGNATURE-

[Signature]

USNS
USS Johnston

VOYAGE NO.
12-17

FROM
San Francisco

TO
San Francisco

TYPE OF VESSEL
Destroyer

DATE
8/18-19

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

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	DOMESTIC WATER	BOILER WATER	LUBE OIL	DIESEL OIL
1200 TO 1600													METER AT NOON		ON HAND AT START OF DAY		
													METER PREVIOUS NOON		EVAPORATED OR RECEIVED		
													CONSUMED BY METER		ON HAND		
													ON HAND AT START OF DAY		CONSUMED		
													RECEIVED DURING DAY		ON HAND AT START OF DAY		
													EXPENDED DURING DAY		RECEIVED		
													REMAINING ON BOARD		ON HAND		
1600 TO 2000													ON HAND AT START OF DAY		CONSUMED		
													EVAPORATED OR RECEIVED		ON HAND		
													ON HAND		RECEIVED		
													CONSUMED		CONSUMED		
2000 TO 2400													ON HAND AT START OF DAY		ON HAND		
													EVAPORATED OR RECEIVED		RECEIVED		
													ON HAND		CONSUMED		
													CONSUMED				
2400 TO 0400													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
0400 TO 0800													SUMMARY				
													RUNNING TIME		PROPELLER SLIP (%)		
													DETENTION TIME		BBL FUEL MI		
													TOTAL REVOLUTIONS		WIND DIRECTION		
													AVERAGE R.P.M.		STATE OF SEA		
0800 TO 1200													TOTAL MILES BY ENGINE		STATE OF WEATHER		
													TOTAL MILES BY OBSERVATION				

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/c

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/c

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/c

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schetrum R/c

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schetrum R/c

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Joe E. Chavez

CHIEF ENGINEER

#3	BLRS. #4	
	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		
842	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

W. L. ...

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
13-F		13-F		13-F		13-F		13-F		13-F			
		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													
TEMPERATURES													
SUPER HEAT													
F.O. TO BURNERS													
AIR TO FURNACE													
F.O. TEMP. IN SETTLING TANKS													
PORT BOILER UPTAKE													
STBD. BOILER UPTAKE													
PRESSURES													
F. O. BACK PRESSURE													
MAIN STEAM													
F.O. TO BURNERS													
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													

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		DIESEL OIL					
1200 TO 1600																										METER AT NOON		ON HAND AT START OF DAY		EVAPORATED OR RECEIVED		ON HAND		CONSUMED			
1600 TO 2000																										METER PREVIOUS NOON		ON HAND AT START OF DAY		RECEIVED		ON HAND		CONSUMED			
2000 TO 2400																										CONSUMED BY METER		ON HAND AT START OF DAY		RECEIVED		ON HAND		CONSUMED			
2400 TO 0400																										ON HAND AT START OF DAY		ON HAND AT START OF DAY		RECEIVED		ON HAND		CONSUMED			
0400 TO 0800																										RECEIVED DURING DAY		ON HAND AT START OF DAY		RECEIVED		ON HAND		CONSUMED			
0800 TO 1200																										EXPENDED DURING DAY		ON HAND AT START OF DAY		RECEIVED		ON HAND		CONSUMED			
																										REMAINING ON BOARD		ON HAND AT START OF DAY		RECEIVED		ON HAND		CONSUMED			
																										DOMESTIC WATER		ON HAND AT START OF DAY		RECEIVED		ON HAND		CONSUMED			
																										EVAPORATED OR RECEIVED		ON HAND AT START OF DAY		RECEIVED		ON HAND		CONSUMED			
																										ON HAND		ON HAND AT START OF DAY		RECEIVED		ON HAND		CONSUMED			
																										CONSUMED		ON HAND AT START OF DAY		RECEIVED		ON HAND		CONSUMED			
																										LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)											
																										L.O. CENTRIFUGE - HOURS OPERATED											
																										1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200	
																										SUMMARY											
																										RUNNING TIME		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

Plant Secured

WATCH ENGR'S SIGNATURE-

Jose M. Chavez

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Capt. Wilson R/A

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Capt. Wilson R/A

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schettin R/A

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schettin R/A

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Jose M. Chavez 3/A

CHIEF ENGINEER

13	BLRS. 14	
	P.ALK.	
	T.ALK.	
	CHL.	
	PHOS.	
	P.H. Cond.	
	P.H.-D.C.	
CHEMICALS ADDED		
	ADJ.	
	G.C.	
	A.R.C.	
STEAMING HOURS		
842	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE-

J. Schettin

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
		127		Hutchinson				C-10		1/26/68			
		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													
F.D. 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													
GENERATORS													
GENERATOR NUMBER													
R.P.M.													
STEAM PRESSURE													
STEAM TEMP.													
L.O. PRESSURE													
L.O. TO COOLER													

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- Jose m. Chavez

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- Clyde Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- Clyde Wilson R/E

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- J. Schettin R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- J. Schettin R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- Jose m. Chavez 3/A.

CHIEF ENGINEER		
# 3	BLRS. #	4
	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		
842	F.S. 600	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE- J. Schettin

REMARKS

1200 - 1600 WATCH

Plant secured

WATCH ENGR'S SIGNATURE- Joe M. Chaney 3/A

1600 - 2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- Clyde Wilson R/E

2000 - 2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- Clyde Wilson R/E

2400 - 0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- J. Schetrum R/E

0400 - 0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- J. Schetrum R/E

0800 - 1200 WATCH

Plant Secured.

WATCH ENGR'S SIGNATURE- Joe M. Chaney 3/A.

CHIEF ENGINEER

77	BLRS. 74	
	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		
842	F.S. 000	
2052	W.S. 2108	

CHIEF ENGR'S SIGNATURE- Clyde Wilson R/E

REMARKS

1200-1600 WATCH

Plant Secured.

WATCH ENGR'S SIGNATURE-

Joe m Chavez 3/17

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clay Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clay Wilson R/E

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schotman R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schotman R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Joe m Chavez 3/17

CHIEF ENGINEER

13	BLRS. #14	
	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		
842	F.S. 000	
2052	WS 2108	

CHIEF ENGR'S SIGNATURE-

[illegible]

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Joe M. Chang 3/77

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Clyde Wilson R/E

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schettin R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schettin R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Schettin R/E

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. ☒

CHIEF ENGR'S SIGNATURE-

J. Schettin

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Capt. Wilson R/E

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Capt. Wilson R/E

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

Capt. Wilson R/E

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Scholten R/E

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Scholten R/E

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE-

J. Scholten 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.	

CHIEF ENGR'S SIGNATURE-

J. Scholten R/E

REMARKS

1200-1600 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- *Capt. Wilson R/E*

1600-2000 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- *Capt. Wilson R/E*

2000-2400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- *Capt. Wilson R/E*

2400-0400 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- *J. Schellman*

0400-0800 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- *J. Schellman*

0800-1200 WATCH

Plant Secured

WATCH ENGR'S SIGNATURE- *R. L. Menner*

CHIEF ENGINEER

☒	BERS.	☒
☐	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		
☐	M.S.	☐
☐	W.S.	☐

CHIEF ENGR'S SIGNATURE- *[Signature]*