

USNS		John Pope		VOYAGE NO.		4-A		FROM				TO				TYPE OF VESSEL		DATE		16-17 July 66																																									
		WATCH												WATCH																																															
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200				1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200																																			
RUNNING TIME																																																													
DETENTION TIME																																																													
REVOLUTION COUNTER (END OF WATCH)																																																													
TOTAL REVOLUTIONS (FOR WATCH)																																																													
AVERAGE RPM																																																													
F.O. METER (END OF WATCH)																																																													
F.O. CONSUMED																																																													
MACHINERY PARTICULARS		PRESSURES												TEMPERATURES												MACH. PARTICULARS (CONT'D)																																			
																										TEMPERATURES (CONT'D)																																			
																										PRESSURES												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 P											
																																																		F.O. TO BURNERS S											
		AIR TO FURNACE P																																																											
		F.O. TEMP. IN SETTLING TANKS P																																																											
		PRESSURES												TEMPERATURES												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																																																													
TEMPERATURES												PRESSURES												BURNER TIP SIZE S																																					
																								CO ₂ % PORT BOILER																																					
																								CO ₂ % STBD. BOILER																																					
																								OIL LEVEL MAIN SUMP																																					
																								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												FUEL - WATER AND LUBE OIL																					
WATCH		GENERATOR NUMBER		R.P.M.		STEAM PRESSURE		STEAM TEMP.		L.O. PRESSURE		L.O. TO COOLER		L.O. FROM COOLER		TEMP. OF HOTTEST BEARING		L.O. GOVERNOR PRESSURE		AMPS POSITIVE		AMPS NEGATIVE		VOLTS		FUEL OIL		DOMESTIC WATER		BOILER WATER		LUBE OIL		DIESEL OIL	
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

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

C. J. Hagler

1600-2000 WATCH

PLANT SECURED

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

C. J. Hagler

2000-2400 WATCH

PLANT SECURED

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

C. J. Hagler

2400-0400 WATCH

PLANT SECURED

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

C. J. Hagler

0400-0800 WATCH

PLANT SECURED

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

C. J. Hagler

0800-1200 WATCH

IN PORT. PLANT SECURED. BILGES dry

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

Clemens

CHIEF ENGINEER

BOILER

P. ALK

T. ALK

CHLO

PH. 4

SO. 3

PH

WS. HRS. 7

FS. HRS. 7

CHIEF ENGR'S SIGNATURE-

C. J. Hagler

		WATCH								WATCH					
		1200 TO 1500	1500 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1500	1500 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)								1ST STAGE FEED WATER HEATER							
F.O. CONSUMED								D. C. FEED WATER HEATER							
MACHINERY PARTICULARS	PRESSURES	THROTTLE						3RD STAGE FEED WATER HEATER							
		H.P. AHEAD						SUPER HEAT		P					
		L.P. AHEAD						S		S					
		VACUUM						F.O. TO BURNERS							
		L.O. TO TURBINES						AIR TO FURNACE		P					
		AUX. STEAM						S		S					
		BACK PRESSURE						F.O. TEMP. IN SETTLING TANKS		P					
		GLAND STEAM						S		S					
		H.P. BLEEDER						PORT BOILER UPTAKE							
		I.P. BLEEDER						STBD. BOILER UPTAKE							
	L.P. BLEEDER						F. O. BACK PRESSURE								
	TEMPERATURES	STEAM AT THROTTLE						MAIN STEAM							
		L. P. EXHAUST						F.O. TO BURNERS							
		CONDENSATE						MAIN COND. SALINITY							
		CIRC. WATER IN						ENGINE ROOM TEMPERATURE							
		CIRC. WATER OUT						FIRE ROOM TEMPERATURE							
		L.O. TO COOLERS						NOZZLES IN USE							
		L.O. FROM COOLERS						NO. OF BURNERS IN USE		P					
		TEMPERATURE THRUST BEARING						S		S					
		FORWARD H.P. ROTOR BEARING						P		P					
		AFT. H.P. ROTOR BEARING						S		S					
		FORWARD L.P. ROTOR BEARING						BURNER TIP SIZE							
		AFT. L.P. ROTOR BEARING						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			
1200 TO 1600													METER AT NOON			ON HAND AT START OF DAY				
													METER PREVIOUS NOON			EVAPORATED OR RECEIVED				
													CONSUMED BY METER			ON HAND				
1600 TO 2000													ON HAND AT START OF DAY			CONSUMED				
													RECEIVED DURING DAY			ON HAND AT START OF DAY				
													EXPENDED DURING DAY			RECEIVED				
2000 TO 2400													REMAINING ON BOARD			ON HAND				
													ON HAND AT START OF DAY			CONSUMED				
													EVAPORATED OR RECEIVED			ON HAND				
2400 TO 0400													ON HAND			RECEIVED				
													CONSUMED			CONSUMED				
													LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)							
0400 TO 0800													L.O. CENTRIFUGE - HOURS OPERATED							
													1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		
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

IN PORT. PLANT SECURED. Bilges dry.

F.O.
F.W.
MUF
MU-U
EVAP
GAL-T

WATCH ENGR'S SIGNATURE-

Elmons

1600-2000 WATCH

PLANT SECURED

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

C. J. Ziegler

2000-2400 WATCH

PLANT SECURED
INSPECTED ALL MACHINERY ALL SPACES

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

C. J. Ziegler

2400-0400 WATCH

Plant Secured. Bilges @ safe level.
Made bi-hourly routine inspection of Space.

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

Edward B. Merrill

0400-0800 WATCH

Plant Secured. Bilges @ safe level. Made bi-hourly inspection of Space.

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

Edward B. Merrill

0800-1200 WATCH

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

BOILER

P. ALK

T. ALK

CHLO

PH. 4

SO. 3

PH

WS. HRS.

ES. HRS.

CHIEF ENGR'S SIGNATURE-

E. B. Merrill

REMARKS

1200-1600 WATCH

IN PORT. PLANT SECURED. PUMPED BILGES.

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

Clemson

1600-2000 WATCH

PLANT SECURED

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

C. J. Page

2000-2400 WATCH

PLANT SECURED

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

C. J. Page

2400-0400 WATCH

Plant Secured Bilges dry
All Condition Normal. Routine Checks MadeF.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

Plant Secured Bilges dry
All Condition Normal. Routine Checks MadeF.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

Clemson

0800-1200 WATCH

Lit off # 3-4 Boilers - Steam on Settlers
 Lube oil to main Reduction Gears - jacking
 gear engaged - preparing to bring up plant
 for going to sea - topped off all potable
 water tanks -
 M & R Wombers Completed work on Steam Pipes to
 # 4 Boiler -

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

Clemson

CHIEF ENGINEER

BOILER

P. ALK

T. ALK

CHLO

PH. 4

SO. 3

PH

WS. HRS.

FS. HRS.

CHIEF ENGR'S SIGNATURE-

J. H. O'Leary

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE					
Gen John Pope (TAP-110)				Oakland, Calif		Tacoma, Wash		P-2-G		July 19+20					
		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			24	240	240	240	240				108	110	108	110	110
DETENTION TIME					?						110	110	114	114	114
REVOLUTION COUNTER (END OF WATCH)		0438	0440	0442	0444	0447	0485				70	76	78	80	74
TOTAL REVOLUTIONS (FOR WATCH)		1900	3350	4770	4640	080	990				160	148	170	165	160
AVERAGE RPM			85.72	81.2	82.82	81.0	78.3				240	240	240	240	240
F.O. METER (END OF WATCH)			9453	9456		9465	9463								
F.O. CONSUMED				2600		2335	2430								
PRESSURES	THROTTLE		430	430	430	430	420				710	710	705	690	690
	H.P. AHEAD		430	430	430	430	420				710	710	705	690	690
	L.P. AHEAD		20	18	19.5	20	16				185	182	160	160	180
	VACUUM		29"	29	29	29"	29				100	100	106	106	105
	L.O. TO TURBINES		14	14	14.5	14	14				95	98	102	102	105
	AUX. STEAM		140	140	140	135	135				184	100	105	100	100
	BACK PRESSURE		85	85	9	9	85				194	100	100	95	103
	GLAND STEAM		0	0	0	0	0				280	285	285	280	280
	H.P. BLEEDER		60	60	60	60	60				275	280	280	275	280
	L.P. BLEEDER		13	8	7.5	8	7.5				12	12	12	12	12
TEMPERATURES	STEAM AT THROTTLE		716	705	695	695	685				450	450	450	450	450
	L. P. EXHAUST		88	88	89	92	96				1250	450	450	450	450
	CONDENSATE		82	83	82	90	74				1170	129	160	140	130
	CIRC. WATER IN		47	50	48	56	52				1170	129	160	140	130
	CIRC. WATER OUT		64	66	70	70	66				1170	129	160	140	130
	L.O. TO COOLERS		120	126	126	126	124				1170	129	160	140	130
	L.O. FROM COOLERS		110	110	110	110	110				1170	129	160	140	130
	TEMPERATURE THRUST BEARING		105	110	108	112	110				1170	129	160	140	130
	FORWARD H.P. ROTOR BEARING		120	120	120	120	120				1170	129	160	140	130
	AFT. H.P. ROTOR BEARING		120	122	122	122	122				1170	129	160	140	130
MISCELLANEOUS	FORWARD L.P. ROTOR BEARING		122	122	122	125	124				1170	129	160	140	130
	AFT. L.P. ROTOR BEARING		124	124	124	124	124				1170	129	160	140	130
	MAIN COND. SALINITY										1170	129	160	140	130
	ENGINE ROOM TEMPERATURE		80	80	82	82	84				1170	129	160	140	130
	FIRE ROOM TEMPERATURE		80	80	82	82	84				1170	129	160	140	130
	NOZZLES IN USE		184	184	16	16	16				1170	129	160	140	130
	NO. OF BURNERS IN USE		3	3	3	3	3				1170	129	160	140	130
	BURNER TIP SIZE		530	530	530	530	530				1170	129	160	140	130
	CO ₂ % PORT BOILER										1170	129	160	140	130
	CO ₂ % STBD. BOILER										1170	129	160	140	130
OIL LEVEL MAIN SUMP											1170	129	160	140	130

GENERATORS												FUEL - WATER AND LUBE OIL												
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL				DOMESTIC WATER				LUBE OIL			
													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
1200 TO 1600																								
1600 TO 2000	1	1200	435	710	10	130	110		62	1100	1100	235												
2000 TO 2400	2	1200	435	710	10	126	108		52	1100	1100	235												
2400 TO 0400	3	1200	435	710	10	130	110		62	1100	1100	235												
0400 TO 0800	4	1200	435	710	10	126	108		52	1100	1100	235												
0800 TO 1200	3	1200	435	710	10	130	110		62	1100	1100	235												
	4	1200	435	710	10	126	108		52	1100	1100	235												
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)																								
L.O. CENTRIFUGE - HOURS OPERATED																								
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																								

1346 Stb 20. Shift Rtr 04370000 time Ctr P Form 27479705 Form. 6682200

REMARKS

1200-1600 WATCH

Raising Steam on # 3 & 4 Boilers - Lit off
3 & 4 Generators and Aux machinery. Tested Steering gear
Telegraph & Set Clocks @ 1300. Rolling Main unit under Steam
at 1315. Stdy @ 1345. Dills as per Bull Book.
Bilges dry all Conditions Normal.

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

Clemson

1600-2000 WATCH

Steaming underway on 16 Noz. shifted & changed Main L.O. Strainer.
shifted & cleaned F.O. strainer Dis. side. Checked all mach. Carried out regular
under way watch.

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

H. J. Jones

2000-2400 WATCH

Steaming at Sea, 16 Noz. shifted & changed F.O. Strainer, made Rounds & Insp
of mach & Eng Spaces. Routine Sea watch.

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

R. Summers

2400-0400 WATCH

Steaming watch at Sea 16 Noz. Changed Settlers @ 0300
Inspection of all machinery & spaces.

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

V. M. W.

0400-0800 WATCH

Steaming as before, shifted and cleaned Main L.O. Strainer.
shifted and cleaned F.O. strainer Dis. Side. Checked All mach., spaces and
mach. auto. cut in on air compressor not operating. Changed & cleaned
Top burner in #4 boiler.

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

H. J. Jones

0800-1200 WATCH

Steaming at Sea. Mach in operation as before, @ 0815 to 0835 Blue tops on
3 & 4 Boilers with P.C.B., @ 0855 lit off Propellers. @ 1030 Shift Settles
from Inboard to outboard Settles, Pumped Settles. Made Rounds & Insps
of mach & spaces. Routine Sea watch.

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

R. Summers

CHIEF ENGINEER

Stdy @ 1346: C: =

F.O.M.: =

Dep @ 1600: C: =

F.O.M.: =

BOILER

P. ALK

T. ALK

CHLO

PH. 4

SQ. 3

PH

WS. HRS.

FS. HRS.

CHIEF ENGR'S SIGNATURE-

H. J. Jones

A 6025

Dont @ 1600 S. Ctr. T. Ctr.

S- Fom
P Fom

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE									
Gen John Pope (TAP-110)				Oakland		Tacoma, Wash.		P 2 G		July 20-21									
		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		240	240	240	240	240	240	MACH. PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)	HOTTEST GEAR BEARING FORWARD		112	110	110	110	116	112		
DETENTION TIME		-	-	-	-	-	-			HOTTEST GEAR BEARING AFT		115	112	112	114	114	115		
REVOLUTION COUNTER (END OF WATCH)		0456 7240	0452 8540	0455 1740	0457 3150	0459 3580	0460 7280			AUX. COND. CONDENSATE		75	82	82	80	80	75		
TOTAL REVOLUTIONS (FOR WATCH)		21280	21320	23180	21410	21030	16030			1ST STAGE FEED WATER HEATER		151	160	165	165	160	152		
AVERAGE RPM		88.6	88.9	96.5	87.2	87.5	66.8	MACH. PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)	D. C. FEED WATER HEATER		236	240	240	240	240	240		
F.O. METER (END OF WATCH)		01465 520	1468 600	9470 400	4172 830	4475 220	9487 010			3RD STAGE FEED WATER HEATER									
F.O. CONSUMED		2320	2480	2400	2480	2390	1790			SUPER HEAT		P 685	680	695	705	690	685		
										S 685		680	695	705	690	685	685		
PRESSURES	THROTTLE	430	430	430	430	430	400	BOILER PARTICULARS	TEMPERATURES	F.O. TO BURNERS		178	178	180	180	180	180		
	H.P. AHEAD	430	430	430	430	430	400			AIR TO FURNACE		P 106	110	108	106	110	100		
	L.P. AHEAD	15	15	16	16	16	20			S 110		107	105	105	105	100			
	VACUUM	29	29	29	29	29	29			F.O. TEMP. IN SETTLING TANKS		P 100	100	102	104	100	100		
	L.O. TO TURBINES	14	14	14	14	14	14			S 85		85	90	90	90	90	85		
	AUX. STEAM	135	135	130	130	130	130			PORT BOILER UPTAKE		290	275	280	280	275	280		
	BACK PRESSURE	9	9	8.5	9	9	9			STBD. BOILER UPTAKE		280	265	275	275	265	270		
	GLAND STEAM	0	0	1.0	1	1	1			F. O. BACK PRESSURE		11	12	12	12	15	12		
	H.P. BLEEDER	60	60	60	60	60	60			MAIN STEAM		430	430	450	450	450	450		
	L.P. BLEEDER	-	-	-	-	-	-			F.O. TO BURNERS		175	175	175	175	175	175		
	L.P. BLEEDER	9	9	8	8	8	8												
	TEMPERATURES	STEAM AT THROTTLE	710	715	690	690	690			700	MISCELLANEOUS	MAIN COND. SALINITY						.41	
		L. P. EXHAUST	92	94	94	92	90			90		ENGINE ROOM TEMPERATURE		82	82	82	80	78	78
CONDENSATE		76	87	88	86	82	88	FIRE ROOM TEMPERATURE		82		82	82	80	78	78			
CIRC. WATER IN		52	58	60	58	54	52	NOZZLES IN USE		16		16	16	16	16	16			
CIRC. WATER OUT		62	72	74	70	70	62	NO. OF BURNERS IN USE		P 3		3	3	3	3	3			
L.O. TO COOLERS		126	124	126	126	124	126	S 3		2		2	2	2	2	2			
L.O. FROM COOLERS		110	109	110	110	110	110	BURNER TIP SIZE		P 53/70		53/70	53/70	53/70	53/70	53/70			
TEMPERATURE THRUST BEARING		110	110	111	110	110	110	S 51/55		51/55		51/55	51/55	51/55	51/55	51/55			
FORWARD H.P. ROTOR BEARING		120	118	118	118	118	120	CO ₂ % PORT BOILER											
AFT. H.P. ROTOR BEARING		122	120	120	122	120	122	CO ₂ % STBD. BOILER											
FORWARD L.P. ROTOR BEARING		125	123	124	124	124	125	OIL LEVEL MAIN SUMP		N		N	N	N	N	N			
AFT. L.P. ROTOR BEARING		124	124	124	124	124	124												

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	3	1200	430	685	52	130	106			850		230	METER AT NOON			ON HAND AT START OF DAY		EVAPORATED OR RECEIVED	
	4	1200	430	685	60	137	116		10	900		230	METER PREVIOUS NOON			ON HAND			
													CONSUMED BY METER			CONSUMED			
1600 TO 2000	3	1200	430	685	52	130	108	-	52	850	850	235	ON HAND AT START OF DAY			ON HAND AT START OF DAY		RECEIVED	
	4	1200	430	685	60	130	108	-	60	900	850	235	RECEIVED DURING DAY			RECEIVED			
													EXPENDED DURING DAY			ON HAND			
2000 TO 2400	3	1200	430	685	8	130	110	-	62	850	850	235	REMAINING ON BOARD			CONSUMED			
	4	1200	430	685	10	130	108	-	52	850	850	235	ON HAND AT START OF DAY			ON HAND		RECEIVED	
													EVAPORATED OR RECEIVED			CONSUMED			
2400 TO 0400	3	1200	430	685	8	130	110		62	850	850	235	ON HAND			ON HAND		RECEIVED	
	4	1200	430	685	10	130	108		52	850	850	235	CONSUMED			CONSUMED			
0400 TO 0800	3	1200	430	690	8	124	110		62	900	900	235	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)						
	4	1200	430	690	10	124	110		51	1000	1000	235	L.H. 4400 Gal. feed water.						
													L.O. CENTRIFUGE - HOURS OPERATED						
0800 TO 1200	3	1200	430	690	9	130	110		62	850	850	235	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
	4	1200	430	690	10	128	110		52	850	850	235	4	4	4	4	4	4	
													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 in operation as of previous watch etc. Chang & cleaned #2 & #3
 BURNERS IN P.B.; CLEANED ST F.O. strainer; blew tubes both boiler. DAY 2nd asst
 Test RUN #1 & #2 Liebecat's Motors Inspection of Machinery & spaces.

F.O.
 F.W.
 MUF
 MU-U
 EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

Steaming as before. Checked all mach. spaces and mach. Changed
 & cleaned burner in STBD. boiler. Carved out standing & high water
 traps, distilled 4400 gal. water this watch.

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

Conditions normal.
 Steaming at sea. Machine operation as before, changed & shifted to
 Dash Strainer, changed & shifted port to Dash Strainer, changed Center Runner
 port Boiler, changed & shifted 2 & 4 diameter to Strainers, pumped Eng. room
 & shifted ally judge, made routine rounds and inspection of mach & spaces
 Routine sea watch.

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

Plant as before. Changed & cleaned #3 burner-P.B. Punched out dry holes
 of carbon Both boilers & cleaned F.O. suction strainer Inspection of
 mach. & spaces

F.O.
 F.W.
 MUF
 MU-U
 EVAP
 GAL-D

F.O.
 F.W.
 MUF
 MU-U
 EVAP
 GAL-D

F.W.: #BP-196

F.O.M. P: -2779840 #BC-287

S.: -6692990 #35-230

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

Steaming as before @ 0500 shifted F.O. suction to Port Sett.
 Hi suction. Checked all mach. spaces & mach. shifted & cleaned main
 L.O. strainer. Changed & cleaned Top burner in Port boiler. Changed & cleaned
 F.O. Dis. strainer to STBD. boiler @ 0705 Stblly. @ 0710 secured to hoggles.
 + opened Guarding Valve

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

Conditions normal.
 Pumping on 5th from previous watch.
 At sea machinery in operation as before @ 0800 pumped Settles. Blown tubes
 #3 & 4 Boilers #825 to 0840 with pump of Bridge @ 0832 H 40 RPM. @ 0835 V
 @ 0847 Z @ 0853 V @ 0859 Z @ 0856 H @ 900 H @ 0938 H @ 0950 Z
 @ 0955 L @ 0957 H @ 1001 H @ 1058 - H 16 NOZZ. By order of Bridge.
 Made Routine Rounds of mach & Eng spaces. Routine watch.

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

BOILER	D	S
P. ALK	12	7.59
T. ALK	14	11.
CHLO	5.39	1.66
PH. 4		
SO. 3	30	22
PH	60+	60+
WS. HRS.		
FS. HRS.		

Cond: 0.2.

CHIEF ENGR'S SIGNATURE-

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope	4-A	San Francisco	La Jolla Wash		July 21+22-60

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	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY			
1200 TO 1600	3	1200	430	700		130	112		62	900	900	225	FUEL OIL						
	4	1200	430	700	10	128	106		52	850	850	235							
1600 TO 2000	3	1200	430	720	9				62	700	900	235		DOMESTIC WATER					
	4	1200	430	720	10				51	850	850	230							
2000 TO 2400					Secured														
2400 TO 0400																			
0400 TO 0800																			
0800 TO 1200					Secured														
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)																			
L.O. CENTRIFUGE - HOURS OPERATED																			
1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200									
4		H																	
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																			

Arrival @ 1500 - S-Ctr-04831220 - T-Ctr-04625920 - TOM P-2783310
S-4495430

REMARKS

1200-1600 WATCH

STBY - FIRE & Boat Drills at 1300: Firedrill WOD @ 1301 FINISHED FIRE DRILL @ 1312 F.O.
 Boat DRILL @ 1313, FINISHED with ALL DRILLS & FULL AHEAD @ 1326 1/2. CLEANED & CHANGED MUF
 #3 BURNER P.B. & E.D. SUCTION STRAINER, STBY @ 1500 secured 204 Nozzles Full Ahead MU-U
 at 60 RPM order from bridge C. - P-04625 Bells as per bell book EVAP
 Full Ahead 16 Nozz at 1516 C. - @ 1500: P-04625 990; S. - 04625 920 GAL-D
 S. - 04831220 F.O.M. - P-2783310; ST: 6695630

WATCH ENGR'S SIGNATURE-

N. V. V. V.

1600-2000 WATCH

Transferring as before on 16 Nozzles. @ 1611 blew tubes on Port F.O.
 #2nd boiler. Changed Center burner on Port boiler. Skipped & cleaned F.C. F.W.
 Dis. strain on 2nd boiler. Checked all mach. spaces & mach. @ 1917 set MUF
 sea detail. MU-U
 EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

J. M. Jones

2000-2400 WATCH

maneuvering as per full Book. @ 2105 secured main steam stops F.O.
 @ 2110 secured #3 & 4 Generators @ 2115 secured fires #3 & 4 Boilers engaged F.W.
 jacking gear. lined up all drains going fwd. #3 & 4 Boilers MUF
 vented to atmosphere. Routine maneuvering & securing plant watch MU-U
 @ 2140 left after Eng room. EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

R. Summers

2400-0400 WATCH

Fr. - Plant Secured: added water to #3 & 4 Boilers as needed - Main F.O.
 Unit on jacking gear & Lake Oil circulating - main circ, aux. circ. & air Comp. F.W.
 in service - Made frequent inspection rounds of all aft. Machinery space. MUF
 Bilges @ Safe Level! MU-U
 EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

M. F. F.

0400-0800 WATCH

Plant Secured. maintained vacuum - oil pressure on main F.O.
 unit. jacking gear engaged. Pumped bilges. added water to F.W.
 boiler. vented B-4. MUF
 MU-U
 EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

J. U. Burke

0800-1200 WATCH

Plant Secured. maintained vacuum - Lake oil & jacking F.O.
 gear running. pumped bilges port boat vented - 516.0 psi F.W.
 low pressure and proper water level. made routine inspection of MUF
 cold iron watch. MU-U
 EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

R. P. Adams

CHIEF ENGINEER

BOILER

P. ALK

T. ALK

CHLO

PH. 4

SO. 3

PH

WS. HRS.

FS. HRS.

CHIEF ENGR'S SIGNATURE-

J. O. Kallavan

A 6025

FIRE 2103 S-ctr = 485'8530 - F-ctr = 04651820

P-2784920

S-1697220

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS	RUNNING TIME							MACH. PARTICULARS (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.O. CONSUMED								SUPER HEAT P						
	THROTTLE								S						
	H.P. AHEAD								F.O. TO BURNERS						
	L.P. AHEAD								AIR TO FURNACE P						
	VACUUM		29"	29"		29"	29"		S						
	L.O. TO TURBINES		14"	14"		14	14		F.O. TEMP. IN SETTLING TANKS P						
	AUX. STEAM								S						
	BACK PRESSURE								PORT BOILER UPTAKE						
	GLAND STEAM		3	3		3	3		STBD. BOILER UPTAKE						
	H.P. BLEEDER							BOILER PARTICULARS	F. O. BACK PRESSURE						
	L.P. BLEEDER								MAIN STEAM						
	STEAM AT THROTTLE								F.O. TO BURNERS						
	L. P. EXHAUST								MAIN COND. SALINITY						
	CONDENSATE								ENGINE ROOM TEMPERATURE						
	CIRC. WATER IN								FIRE ROOM TEMPERATURE						
	CIRC. WATER OUT								NOZZLES IN USE						
	L.O. TO COOLERS								NO. OF BURNERS IN USE P						
	L.O. FROM COOLERS								S						
	TEMPERATURE THRUST BEARING								BURNER TIP SIZE P						
	FORWARD H.P. ROTOR BEARING								S						
TEMPERATURES	AFT. H.P. ROTOR BEARING							MISCELLANEOUS	CO ₂ % PORT BOILER						
	FORWARD L.P. ROTOR BEARING								CO ₂ % STBD. BOILER						
	AFT. L.P. ROTOR BEARING								OIL LEVEL MAIN SUMP						

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

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

M. Fox

1600-2000 WATCH

Plant Secured - except Vacuum maintained & jacking gear engaged
oil pump on. Check boiler water levels, pump bilges and checked
Machinery space

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

J. H. Bush

2000-2400 WATCH

Plant Secured - SIB'D Boiler has pressure & proper water level
pumped bilges and checked machinery space.

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

R. P. Adams

2400-0400 WATCH

Plant Secured - Secured Vents #3 & 4 Boiler @ 2100 - added Fresh Water
as needed to Boiler from Fresh Bottom - Main Unit on jacking gear -
Lube oil Pump circulating Lube oil - Main & Aux. Circulation & Air Compressor
in operation - Bilge @ Safe Level - Made frequent drop. Rounds of all
aft. Machinery Space

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

M. Fox

0400-0800 WATCH

Plant Secured - except Vacuum maintained & jacking gear in.
oil pump on. checked boiler water levels, pumped bilges and
checked machinery space

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

J. H. Bush

0800-1200 WATCH

Plant Sec. Vacuum on main & jacking gear engaged
oil circulating - Water level in Boiler fine - pumped bilges
and made inspection of machinery space.

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

R. P. Adams

CHIEF ENGINEER

BOILER

P. ALK

T. ALK

CHLO

PH. 4

SO. 3

PH

WS. HRS.

FS. HRS.

CHIEF ENGR'S SIGNATURE-

J. H. Bush

REMARKS

1200-1600 WATCH

Machinery as before: Main Unit on Jacking down. Main Lube oil Pump
 Circ. Lube oil. Main & Aux. Circ. & Main Air Comp. in operation. Bunker
 Level

F.O.
 F.W.
 MUF
 MU-U
 EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

M. Fox

1600-2000 WATCH

Plant secured. Vacuum maintained on main unit. Pumped
 bilges. Inspected machinery spaces. Maintained water level in
 boiler. Jacking gear in.

F.O.
 F.W.
 MUF
 MU-U
 EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

J. H. Burk

2000-2400 WATCH

Plant secured. Vacuum maintained - pumped bilges
 inspected machinery spaces - jacking gear engaged

F.O.
 F.W.
 MUF
 MU-U
 EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

R. R. Corlami

2400-0400 WATCH

as before, Bilge @ Safe Level - Made frequent trip. Bunker of
 all aft. machinery space

F.O.
 F.W.
 MUF
 MU-U
 EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

M. Fox

0400-0800 WATCH

Plant secured, drains fixed. Pumped bilges. Check boiler.
 Engine vacuum ^{maintained} and engine speed. Jacking gear in

F.O.
 F.W.
 MUF
 MU-U
 EVAP
 GAL-D

WATCH ENGR'S SIGNATURE-

J. H. Burk

0800-1200 WATCH

Lighting off plant, @ 0900 lit fires #4 Boiler @ 0930 lit fires #3
 Boilers. Raising steam, @ 0945 started L.O. Purifier @ 1015 started #3 & #4
 Generators Rolling @ 1045 engaged Jacking down, started main Circ., main Cond
 pump. Raised vacuum on main unit, at 1105 put #3 Boiler on line;
 plant normal for Lighting off Routine

F.O.
 F.W.
 MUF
 MU-U
 EVAP
 GAL-D

- No oiler showed up for lighting off. -

Jc Eng, Houser 7WT. Hinds,
 CHIEF ENGINEER

WATCH ENGR'S SIGNATURE-

R. Summers

BOILER

P. ALK
 T. ALK
 CHLO
 PH. 4
 SO. 3
 PH
 WS. HRS.
 FS. HRS.

CHIEF ENGR'S SIGNATURE-

J. H. Burk

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE						
Men John POPE (T-AP110)				Tacama Wash.		Naha Okinawa P-2-8				July 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		1 hr	240	260	260	260	240					110	110	110	110	110
DETENTION TIME												115	113	115	114	114
REVOLUTION COUNTER (END OF WATCH)		0465 3080	0468 0390	0470 1780	0472 5290	0474 8760	0477 0180					74	80	82	86	82
TOTAL REVOLUTIONS (FOR WATCH)			22310	23170	23510	23470	21420					160	160	165	165	162
AVERAGE RPM			85.8	89.1	90.4	90.2	89.2					240	238	240	240	240
F.O. METER (END OF WATCH)		9484 450	9486 900	9489 120	9491 550	9494 190	9497 280									
F.O. CONSUMED		1410	2450	2820	2430	3240	2490									
PRESSURES	THROTTLE	430	430	430	445	435	430									
	H.P. AHEAD	VAR.	430	430	445	435	430									
	L.P. AHEAD		18	16	17	17	17									
	VACUUM	29	29"	29	29	29"	29									
	L.O. TO TURBINES	11.5	11.5	12.3	12.5	12.5	12.5									
	AUX. STEAM	135	130	130	130	125	140									
	BACK PRESSURE	VAR.	9	8	8	8	8									
	GLAND STEAM	1	0	0	0	0	0									
	H.P. BLEEDER	-	72	72	75	64	75									
	L.P. BLEEDER	-	-													
	L.P. BLEEDER	-	13	8	8	14	8									
	TEMPERATURES	STEAM AT THROTTLE	700	720	710	710	710	710								
L. P. EXHAUST		VAR.	94	98	90	92	90									
CONDENSATE		VAR.	86	72	86	86	84									
CIRC. WATER IN		48	50	50	58	58	59									
CIRC. WATER OUT		60	72	62	70	72	72									
L.O. TO COOLERS		110	122	124	126	124	124									
L.O. FROM COOLERS		110	108	110	110	110	110									
TEMPERATURE THRUST BEARING			108	108	110	110	110									
FORWARD H.P. ROTOR BEARING			120	120	122	120	120									
AFT. H.P. ROTOR BEARING			120	120	123	125	120									
FORWARD L.P. ROTOR BEARING			124	124	125	125	124									
AFT. L.P. ROTOR BEARING			124	124	126	126	124									
								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								
								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
1200 TO 1600	3	1200	430	720	-	130	110		62	900	900
	4	1200	430	700	10	135	110		52	900	900
1600 TO 2000	3	1200	430	720	9	128	108	-	62	1100	1100
	4	1200	430	720	10	128	108	-	52	950	950
2000 TO 2400	3	1200	440	710	-	130	110	-	62	900	900
	4	1200	440	710	10	130	110	-	52	850	850
2400 TO 0400	3	1200	440	710		130	110		62	900	900
	4	1200	440	710	10	130	110		52	850	850
0400 TO 0800	3	1200	440	710	9	130	110		62	900	900
	4	1200	440	710	10	130	110		52	850	850
0800 TO 1200	3	1200	440	710	9	130	110		62	900	900
	4	1200	440	710	10	130	110		52	850	850

S+bae. 1348 S-ctr. 04652010 T-ctr. FOM P-2785780

REMARKS

1200-1600 WATCH

TESTED STEERING ENG. & TELEGRAPH @ 1245 STM TO M.U. @ 1330 TRANSIT Pige + Sound F.O.
 S/Ly at 1348, C. P-04652010; S-04859140; P.FOM.; 2785780, S.FOM.; 6697940. Departure @ 1500 F.W.
 P.C. 04654470; S.C. 04861650. P.FOM.; -2786020, S.FOM.; -6698100, 16 NOZZLES ON DEPART MUF
 TURE PLAN. NORMAL. Blew tubes both boilers EVAP
 GAL-D

WATCH ENGR'S SIGNATURE.

N.V. MUR

1600-2000 WATCH

Steaming as before on 16 nozzles. Shifted and Cleaned F.O.
 Strainer dis. side on 3rd boiler. Checked all mach. spaces & mach.
 Carried out standing & night orders. @ 1920 stbly. @ 1930 slowed
 to 60 RPM by order of the bridge. After changes of speed as per bell
 book.

F.O.

F.W.

MUF

MU-U

EVAP

GAL-D

WATCH ENGR'S SIGNATURE.

Hm Jones

2000-2400 WATCH

Conditions Normal
 At Sea Machinery in operation as before, Cleaned Port to Disch Strainer
 Cleaned and Shifted #3 & 4 Thruster L.O. Strainers, made Chem. Tests on Aux & Main
 Cond. Made Routine Rounds of mach & Eng. spaces, Retarded Ship's Clock
 20 Minutes @ 2300. Routine Sea Watch.

F.O.

F.W.

MUF

MU-U

EVAP

GAL-D

WATCH ENGR'S SIGNATURE.

R Summers

2400-0400 WATCH

Plant as of PREVIOUS WATCH CHANGED & CLEANED F.O. SECTION & DISCH. STRAINER
 CHANGED TO INBOARD GETTER @ 0120 RETARDED CLOCKS 20 MIN @ 0043 ROUTINE INSPECTION
 of MACHINERY & SPACES

F.O.

F.W.

MUF

MU-U

EVAP

GAL-D

WATCH ENGR'S SIGNATURE.

N.V. MUR

0400-0800 WATCH

Steaming as before on 16 nozzles. Shifted & Cleaned Main
 L.O. Strainer dis. side. Shifted & Cleaned F.O. Dis. Strainer on 3rd
 boiler. Changed & Cleaned top burner in Port boiler @ 0500 Clock
 Retarded 20 mi. Checked all mach. spaces & mach.
 Regular underway watch

F.O.

F.W.

MUF

MU-U

EVAP

GAL-D

WATCH ENGR'S SIGNATURE.

Hm Jones

0800-1200 WATCH

Conditions Normal.
 At Sea, Machinery in operation as before, @ 0800 to 0820 Blew tubes in #3 & 4 Boilers,
 with permission of Bridge, Changed Star Center Burner port Boiler, Cleaned port to Disch
 Strainer, @ 1015 stbly @ 1015 aheadon Ship's Drill @ 1028 Secured from all Drills @ 1029 LH
 @ 1030 Shift to service Section to stbly. @ 1045 Secured Steam Heating,
 @ 1135 increase speed to 12 kts. Routine Sea Watch.

F.O.

F.W.

MUF

MU-U

EVAP

GAL-D

CHIEF ENGINEER

0820 to 0830 Chief Engineer present in Eng room #2 WATCH ENGR'S SIGNATURE. R Summers

BOILER

P. ALK

T. ALK

CHLO

PH. 4

PH. 3

PH

15. HRS.

HRS.

CHIEF ENGR'S SIGNATURE.

H. O'Halloran

A 6025

1200 @ 1500 S-ctr = 04654470 T-ctr =

P = 2785780
 FOM = 6697940

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE							
USS John Pope (T-AP 110)				Tacoma Wash		Naha Okinawa		P-2-A		7/24-25/66							
		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		240	240	260	260	260	240	MACH. PARTICULARS (CONT'D)		HOTTEST GEAR BEARING FORWARD		110	110	110	110	110	110
DETENTION TIME		0419						TEMPERATURES (CONT'D)		HOTTEST GEAR BEARING AFT		115	115	115	115	115	116
REVOLUTION COUNTER (END OF WATCH)		4230	4481	4750	4911	520				AUX. COND. CONDENSATE		84	82	82	82	82	82
TOTAL REVOLUTIONS (FOR WATCH)		22250	22320	25950	24000	24130	24400			1ST STAGE FEED WATER HEATER		170	170	170	170	170	170
AVERAGE RPM		93.8	93.0	99.8	92.4	92.6	100.0			O. C. FEED WATER HEATER		240	240	240	240	240	240
F.O. METER (END OF WATCH)		9500	9502	9505	9508	9511	9514			3RD STAGE FEED WATER HEATER							
F.O. CONSUMED		2740	2680	2920	2860	2910	2910			SUPER HEAT		P 720	710	710	710	715	710
										S 720		710	710	710	715	710	710
										F.O. TO BURNERS		190	180	180	180	180	180
										AIR TO FURNACE		P 106	106	105	106	106	106
										S 105		105	105	105	105	105	105
										F.D. TEMP. IN SETTLING TANKS		P 112	110	110	110	100	110
										S 108		106	104	99	98	98	100
										PORT BOILER UPTAKE		290	290	290	290	300	290
										STBD. BOILER UPTAKE		280	300	300	300	310	300
										F. O. BACK PRESSURE		12	12	12	11	10	10
										MAIN STEAM		475	475	450	475	450	450
										F.O. TO BURNERS		210	210	200	195	200	180
										MAIN COND. SALINITY		2.4	.41	.41	.2	.41	.41
										ENGINE ROOM TEMPERATURE		80	80	78	78	78	81
										FIRE ROOM TEMPERATURE		80	80	78	78	78	81
										NOZZLES IN USE		18	18	18	18	18	18
										NO. OF BURNERS IN USE		P 3	3	3	3	3	3
										S 2		2	2	2	2	2	2
										BURNER TIP SIZE		P 53/70	53/70	53/70	53/70	53/70	53/70
										S 51/55		51/55	51/55	51/55	51/55	51/55	51/55
										CO ₂ % PORT BOILER							
										CO ₂ % STBD. BOILER							
										OIL LEVEL MAIN SUMP		1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

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		LUBE OIL		DIESEL OIL		
1200 TO 1600	3	1200	440	710		130	110		62	1150	1150	235	METER AT NOON		ON HAND AT START OF DAY						
	4	1200	440	710	10	130	110		52	1200	1200	235	METER PREVIOUS NOON		EVAPORATED OR RECEIVED						
1600 TO 2000	3	1200	475	710	9	130	110		62	950	900	235	CONSUMED BY METER		ON HAND						
	4	1200	475	710	10	128	110		52	950	900	235	ON HAND AT START OF DAY		CONSUMED						
2000 TO 2400	3	1200	450	710	8	130	110		62	950	950	235	RECEIVED DURING DAY		ON HAND AT START OF DAY						
	4	1200	450	710	10	128	110		52	950	950	235	EXPENDED DURING DAY		RECEIVED						
2400 TO 0400	3	1200	450	710	9	130	110		62	950	950	235	REMAINING ON BOARD		ON HAND						
	4	1200	450	710	10	128	110		52	950	950	235	ON HAND AT START OF DAY		CONSUMED						
0400 TO 0800	3	1200	450	715	9	130	110		62	1000	1000	235	EVAPORATED OR RECEIVED		ON HAND						
	4	1200	450	715	10	128	110		52	1000	1000	235	ON HAND		RECEIVED						
0800 TO 1200	3	1200	450	710	8	130	110		62	1000	1000	235	CONSUMED		CONSUMED						
	4	1200	450	710	10	130	110		52	1000	1000	235									
LOW PRESS. EVAPORATORS (No. of hrs. operated)/(Fresh water made gals.)												4									
L.O. CENTRIFUGE - HOURS OPERATED												4									
1200 TO 1600												1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200	
4												4		4		2 3/4		4			
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 in operation as before. 18 Nozzles Stm. to heating system at 1210 Cleared & changed F.O. suction & discharge strainers. Blew tubes both boilers. Inspection of all machinery & spaces. Both L.P. EVAP. ON LINE - 4 HRS Found Rags in Port bilge suction valve unable to obtain ANY READINGS with Fyrite APPARATUS

F.O. SINK
F.W. #3 12/3
MUF #2
MU-U
EVAP 1+2
GAL-D 8050

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

Steaming as before 18 Nozzles. Shifted & cleaned top burner on Port boiler. Check all mach. spaces & mach. shifted & cleaned. F.O. strainer Dis. side to other boiler. Carried out routine watch.

Condition Normal.

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

At Sea. Machinery in operation as before. @ 2130 shifted to port Jo. Settler. cleaned and shifted port Jo. Disch. Strainer, cleaned Center Burner port Boiler. cleaned & shifted L.O. strainers #3 & 4 Generators. @ 2300 Retarded ships Clock 20 min. #1 & 2 Evaporators Dist to #2 P+S. Routine watch,

F.O. - P.
F.W. #3 12/3
MUF #1-5
MU-U
EVAP #1-2
GAL-D 260

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

Plant as before Steaming on 18 Nozzles. Cleaned & changed F.O. suction & discharge strainers. Retarded clocks 20 min. @ 0022. UNABLE to obtain CO₂ READINGS with Fyrite APPARATUS. INSPECTION of MACHINERY & SPACES. Both L.P. EVAP. IN OPER. RATION distilling to #2 P/S

F.O. SINK
F.W. #3 12/3
MUF #1-5
MU-U
EVAP 1/2
GAL-D 9200

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

Steaming as before on 18 Nozzles. @ 0430 secured main L.O. Purifier for cleaning. @ 0500 Clocks retarded 20 minutes. Main L.O. Purifier in very bad condition. some disk have outside rim rusted off into the Disk. @ 0630 started L.O. Purifier taking suction on main dump. Distilled 9200 Gal. Potable Water.

F.O. #1-5
F.W. 30
MUF 1P
MU-U
EVAP 1-2
GAL-D

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

At Sea, Machinery in operation as before, Steaming on 18 Nozzles. Evaporators dist to - 30 @ 0810 to 0840 Blew tubes with P.C.B. @ 0900 shift to 5th Jo. Settler pumped up P+S. settlers, Changed Center Burner port Boiler. cleaned & shifted port Jo. disch. strainer, instructing Fireman on Boiler and Fireman operation. Routine Sea watch

F.O. - 5
F.W. 30
MUF 1-P
MU-U
EVAP 1-2
GAL-D

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

BOILER

9.9 P. ALK 6.5 Add 60% of #15
13.1 T. ALK 7.7
5.4 CHLO 2.1
60 PH. 4 5.0
17 SO. 3 14 4.0 20% of #5
PH

WS. HRS.
FS. HRS.

CHIEF ENGR'S SIGNATURE-

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope (TAP-110)		Tacoma, Wash.	Naha Okinawa	P-2-A	July 25-26-66

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	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	RECEIVED	ON HAND	CONSUMED		
1200 TO 1500	3	1200	435	710	8	130	105		62	1100	1100	235																					
	4	1200	435	710	10	130	106		52	1100	1100	235																					
1600 TO 2000	3	1200	450	710	8	130	110		62	1000	1000	235																					
	4	1200	450	710	10	130	112		52	1000	1000	235																					
2000 TO 2400	3	1200	450	710	8	130	110		62	950	900	235																					
	4	1200	450	710	10	130	110		52	950	900	235																					
2400 TO 0400	3	1200	450	710	8	130	110		62	950	950	235																					
	4	1200	450	710	10	130	110		52	950	950	235																					
0400 TO 0800	3	1200	430	710	8	130	110		62	1025	1025	240																					
	4	1200	430	710	10	130	112		52	1025	1025	240																					
0800 TO 1200	3	1200	430	710	8	130	110		62	1000	1000	240																					
	4	1200	430	710	10	130	112		52	950	950	240																					
												LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)																					
												4												4									
												L.O. CENTRIFUGE - HOURS OPERATED																					
												1200 TO 1500												1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200	
												4												4		4		4 hrs		4			
												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 as before. Stby 1256; All clear @ 1402. Changed F.O. section & discharged STRAINERS. TEST-RUN STM. L.E. SERVICE PUMP - O.K. AIR COMPRESSOR stopped on overload. Elect. working on limit switch. Was going on overload RELP. Inspection of all mach & spaces. BLEW tubes both BOILERS. Stby @ 1535 - Foggy

F.O. S
F.W. 23 1/2
MUF 1-12
MU-U
EVAP 1-2
GAL-D 8300

WATCH ENGR'S SIGNATURE.

N. V. M. W.

1600-2000 WATCH

Steaming as before 18 nozzles. on stby. due to fog. @ 1615 shifted to port settler. Changed & cleaned top burner in port boiler. shifted & cleaned to F.O. strainer Dis. side to stbd boiler. Checked all mach spaces & mach. @ 1730 secured hot water heater to repair leak in line. Routine watch.

F.O. P
F.W. 3 P/s
MUF 1 P
MU-U
EVAP 1-2
GAL-D 8300

Conditions normal.

WATCH ENGR'S SIGNATURE.

H. M. Jones

2000-2400 WATCH

At Sea Steaming on 18 Nozzles - on stby - Due to poor visibility @ 2015 hot water service back in operation @ 2100 H. Changed Center Burner port Boiler, cleaned & shifted to disc strainer, cleaned & shifted Generator L.O. strainers, @ 2224 stby, @ 2250 Jr Engr assisted, Fuel Eng room is in checking a F.W. leak at 2-158-1L @ 2321 H. Routine watch.

F.O. P
F.W. 3 P/s
MUF 1 P
MU-U
EVAP 1-2
GAL-D 7900

WATCH ENGR'S SIGNATURE.

R. Summers

2400-0400 WATCH

Plant as before Stby @ 0110. Changed & cleaned disch. & section strainers. TEST-RUN STM. FEED PUMP - O.K. ~~Stby~~ Changed F.O. sections to stbd settler @ 0235 L.P. EVAPS - 4 HRS. CHANGED TO #4 W.W. PUMP @ 0225 INSPECTIONS of mach. & spaces 6400 gal. of Boiler water @ 2200 W.W.

F.O. S
F.W. 3 P/s
MUF 1 S
MU-U
EVAP 1-2
GAL-D 8300

WATCH ENGR'S SIGNATURE.

N. V. M. W.

0400-0800 WATCH

Steaming as before on 18 nozzles. on stby. shifted & cleaned main L.O. strainer, shifted & cleaned F.O. strainer Dis. side starboard boiler, & inlet & refilled L.O. in W-2 Pump. Checked all mach. spaces & mach. @ 0700 shifted to W-3 Pump. Routine watch. Conditions normal.

F.O. S
F.W. 3 P/s
MUF 1 S
MU-U
EVAP 1-2
GAL-D 8800

FOM - P2809680 56718110 CTR. 05021320

WATCH ENGR'S SIGNATURE.

H. M. Jones

0800-1200 WATCH

At Sea Steaming on stby - 18 Nozzles. Mach as before, @ 0800 to 0825 Blew tubes @ 0811 H. Cleaned Center Burner port Boiler, cleaned & shifted F.O. strainers on port Boiler, @ 1020 shifted to suction to Inboard Settler, pumped up to Settler. Pumps Dist to #3 &.

F.O. S
F.W. 3 P/s
MUF 1 S
MU-U
EVAP 1-2
GAL-D 8800

Routine Sea watch.

WATCH ENGR'S SIGNATURE.

R. Summers

1045 to 1120 Chief Engineer in the Engine room.

CHIEF ENGINEER

BOILER

4.9 P. ALK 6.5
13.1 T. ALK 7.2
5.9 CHLO 2.1
6.0 PH. 4 5.0
1.2 SO. 3 1.4

PH

WS. HRS. 14.01 6.03 0.15
FS. HRS. 1.20 1.17 1.15

CHIEF ENGR'S SIGNATURE.

J. A. O'Halloran

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE						
Gen John Pope (TAP-110)				TACOMA, WASH.		Naha, OKINAWA.		P-2-G		July 26-27						
		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		240	240	260	260	260	240	MACH. PARTICULARS (CONT'D)		HOTTEST GEAR BEARING FORWARD		110	110	110	110	110
DETENTION TIME								TEMPERATURES (CONT'D)		HOTTEST GEAR BEARING AFT		116	118	118	118	118
REVOLUTION COUNTER (END OF WATCH)		0506 6040	0508 8810	0511 3180	0513 7440	0516 1600	0518 3760			AUX. COND. CONDENSATE		88	90	90	94	90
TOTAL REVOLUTIONS (FOR WATCH)		22100	22770	24370	24260	23860	22160			1ST STAGE FEED WATER HEATER		170	173	173	170	174
AVERAGE RPM		92.1	94.8	93.7	93.3	91.8	92.3			D. C. FEED WATER HEATER		240	240	240	240	240
F.O. METER (END OF WATCH)		9533 300	9535 980	9538 930	9541 870	9544 760	9547 490			3RD STAGE FEED WATER HEATER						
F.O. CONSUMED		2750	2680	2950	2940	2890	2730			SUPER HEAT		P 700	700	700	705	710
										S 700		700	700	700	705	710
										F.O. TO BURNERS		180	190	185	185	190
										AIR TO FURNACE		P 110	114	110	110	116
										S 108		110	110	105	108	115
										F.O. TEMP. IN SETTLING TANKS		P 111	116	110	110	112
										S 108		108	108	109	105	92
										PORT BOILER UPTAKE		280	290	295	290	295
										STBD. BOILER UPTAKE		300	280	290	295	280
										F. O. BACK PRESSURE		12	12	12	12	12
										MAIN STEAM		450	450	450	450	450
										F.O. TO BURNERS		450	200	200	200	200
										MAIN COND. SALINITY		.2	.41	.41	.41	.41
										ENGINE ROOM TEMPERATURE		84	84	88	86	96
										FIRE ROOM TEMPERATURE		84	84	88	86	86
										NOZZLES IN USE		18	18	18	18	18
										NO. OF BURNERS IN USE		P 3	3	3	3	3
										S 2		2	2	2	2	2
										BURNER TIP SIZE		P 53/70	63/70	54/70	53/70	53/70
										S 51/55		51/55	51/55	51/55	51/55	51/55
										CO. % PORT BOILER		13	86 3/4%	86 3/4%	12	
										CO. % STBD. BOILER		14	88 9/10%	88 9/10%	10.5	
										OIL LEVEL MAIN SUMP		1'2"	1'2"	1'2"	1'2"	1'2"

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	3	1200	430	700	8	130	115		62	1100	1100	235	METER AT NOON		ON HAND AT START OF DAY					
	4	1200	430	200	10	135	116		52	1100	1100	235	METER PREVIOUS NOON		EVAPORATED OR RECEIVED					
1600 TO 2000	3	1200	430	700	8	132	110		62	1100	1100	235	CONSUMED BY METER		ON HAND					
	4	1200	430	700	10	132	116		51	900	900	235	ON HAND AT START OF DAY		CONSUMED					
													RECEIVED DURING DAY		ON HAND AT START OF DAY					
													EXPENDED DURING DAY		RECEIVED					
2000 TO 2400	3	1200	450	700	8	132	110		62	950	950	235	REMAINING ON BOARD		ON HAND					
	4	1200	450	700	10	132	116		51	900	900	235	ON HAND AT START OF DAY		CONSUMED					
													EVAPORATED OR RECEIVED		ON HAND					
													ON HAND		RECEIVED					
2400 TO 0400	3	1200	450	700	8	132	110		62	950	950	235	CONSUMED		CONSUMED					
	4	1200	450	700	10	132	116		51	900	900	235	ON HAND AT START OF DAY		ON HAND					
													EVAPORATED OR RECEIVED		RECEIVED					
													ON HAND		CONSUMED					
0400 TO 0800	3	1200	450	705	8	130	110		62	1100	1100	235	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)							
	4	1200	450	205	10	132	116		51	1100	1100	235	4 hrs 1-2 4 hrs 1-2 4 hrs 1-2 4H. 20H 260mm 1-2 4							
													L.O. CENTRIFUGE - HOURS OPERATED							
													1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		
0800 TO 1200	3	1200	450	710	8	132	110		62	1000	1000	235	4						4	
	4	1200	450	710	10	135	120		51	1000	1000	235	4						4	
												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 as before Stopped F.W. Pump for Line Repairs @ 1320. Back on Line @ 1435. Changed & cleaned F.O. suction & discharge strainers Inspection of mach. & spaces. Blew tubes both boilers

F.O. - 5
F.W. - #3 P/S
MUF
MU-U
EVAP 102
GAL-D 8400 3

WATCH ENGR'S SIGNATURE.

N. V. Morrow

1600-2000 WATCH

Steaming as before, 18 hoggies. Shifted & Cleaned F.O. Dis. strainer to stbl. boiler, pumped bridges. Checked all mach. spaces & mach. Carried out standing orders. Changed & cleaned top burner in Port boiler @ 1908 stbl. @ 1913 4H Distilled 9000 gal. Water. 4500 Potable 4500 feed. @ 1945 stbl.

Conditions normal.

FOM. P-2814140 5-6721840 Ctr. 05088810

WATCH ENGR'S SIGNATURE.

Am Jones

2000-2400 WATCH

at Sea Steaming on 18 Hoggies - stbl - @ 1959 4H, In Suction on #3 stbl only, to take care of list, #1+2 Evaporators dist to #3 port. Cleaned Center Burner #4 Boiler, Cleaned & Shifted port to dish strainer. Cleaned & shifted main L.O. dish strainers, Retarded ships clock 20 min @ 2300.

F.O. - 5
F.W. - #3 S
MUF
MU-U
EVAP 102
GAL-D 10,000

Routine Sea Watch

2400-0400 WATCH

Plant as before Changed & cleaned F.O. suction & discharge strainers F.O. suet. from S-inboard @ 0315. F.W. from #3P Dist to #3P @ 0300 Inspection of mach. & spaces

WATCH ENGR'S SIGNATURE.

R. Summers

F.O. - 5
F.W. - #3 S
MUF
MU-U
EVAP 102
GAL-D 9700

0400-0800 WATCH

Steaming as before on 18 hoggies, @ 0500, Retarded Clocks 20 min. Shifted & Cleaned main L.O. strainer. Very little shavings of metal on magnet, the strainer is in good condition. Shifted & Cleaned F.O. strainer Dis. side stbl boiler. Checked all mach. spaces & mach. regular under way watch.

WATCH ENGR'S SIGNATURE.

N. V. Morrow

F.O. - 5
F.W. - #3 S
MUF
MU-U
EVAP 102
GAL-D 9800 3

Conditions normal.

FOM. P-2818930 5-6725830 Ctr. - 05161600

WATCH ENGR'S SIGNATURE.

Am Jones

0800-1200 WATCH

at Sea, Steaming on 18 Hoggies, Blew tubes on #3+4 Boilers 0800-0820 By P.O.B., 0900 Secured Fresh water, 0905 Fresh water service back on, Cleaned and shifted to dish strainer port side, Cleaned Center Burner #4 Boiler, @ 0955 Shifted to stbl to settler, pumped settlers, @ 1000 Shift F.W. suction to #3 port. #1+2 Evaporators Dist to #3 stbl, to compensate for list, Shift F.W. suction to #4 @ 1115, Lost Suction on #3 Port.

F.O. - 5
F.W. - #3 S
MUF
MU-U
EVAP 102
GAL-D 860

Routine Sea Watch

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE.

R. Summers

BOILER

9.9 P. ALK 10
14. T. ALK 15
5.9 CHLO 2.1
60. PH. 4 2.2
14. SO. 3 50
PH
WS. HRS.
FS. HRS.

CHIEF ENGR'S SIGNATURE.

J. A. Halloran

REMARKS

1200-1600 WATCH

Plant as before. Cleaned & changed All strainers. Blew tubes both boiler. Both LP valves on line. Stby for A.B.C. drill @ 1301. All clear @ 1321 Routine inspection of mach & spaces.

F.O.S.
F.W. 34
MUF #1
MU-U
EVAP 1-2
GAL-D 8700

WATCH ENGR'S SIGNATURE-

N. V. Morris

1600-2000 WATCH

Steaming as before on 15 nozzles. Changed & cleaned top burner in port boiler, shifted & cleaned Dis. F.C. strain sthd. Checked all mach. spaces & mach. Carried out standing order. Regular watch, routine. Conditions normal.

F.O.S. P
F.W. 34
MUF #1
MU-U
EVAP 1-2
GAL-D 8300 P

F.O.M. P-2823380 5-6729590 Ctr. 05228300

WATCH ENGR'S SIGNATURE-

H. J. Jones

2000-2400 WATCH

at Sea, Steaming on 18 Nozz, Cleaned Both Burners in sthd. Boiler, Cleaned Center Burner Port boiler, Shift and Clean To Disch strainer port, Cleaned main L.C. Steaming, added 5 gal L.C. to port feed pump, #1 & 2 Expectorators Dist to #3 & #4. Retarded ships clock 20 minutes at 2300. Pumped Eng room & shaft alley fulgys.

F.O.S. - P
F.W. 34
MUF #1
MU-U
EVAP 1-2
GAL-D 8600

2400-0400 WATCH

Plant as before. Inspections of Machinery & spaces. Retarded clock 20 min. @ 0037 Changed & cleaned F.C. section & discharge STRAINERS Chan. gear settlers sthd out. Dist 8200 g. 7000 Boiler & 1200 domestic.

F.O.S.
F.W. 34
MUF #1
MU-U
EVAP 1-2
GAL-D 8200

WATCH ENGR'S SIGNATURE-

T. Summers

0400-0800 WATCH

Steaming as before on 15 nozzles. RETARDED CLOCK 20 MIN @ 0440. Shifted & Cleaned F.C. strainer to sthd boiler. Checked all mach. spaces & mach. @ 0715 Chief Eng. in Eng. room @ 0725 Chief Eng. Departing Eng. room. Added and 17 gal oil to Port feed Pump. Routine watch.

F.O.S. P
F.W. 34
MUF #1
MU-U
EVAP 1-2
GAL-D 9700

WATCH ENGR'S SIGNATURE-

N. V. Morris

Conditions normal.

F.O.M. P.

S.

Ctr.

WATCH ENGR'S SIGNATURE-

H. J. Jones

0800-1200 WATCH

at Sea, Steaming on 18 Nozz, Blew tubes from 0810 to 0820, Cleaned Center Burner port Boiler, Cleaned & shifted To Disch strainer port Side, Chem Test on Main & Aux Cond. #41 - Called Electrician about #2 SS air Comp. @ 1050. Checked Secured Same, says Imperfect. Started an Comp. in Fed Eng room. @ 0950 Shift To Suction to port Settler, @ 1115 #2 air Comp Tested - OK. to operate. Made Rounds of Mach & Eng spaces. Routine Sea watch.

F.O.S. - P
F.W. 34
MUF #1
MU-U
EVAP 1-2
GAL-D 2900

WATCH ENGR'S SIGNATURE-

R. Summers

CHIEF ENGINEER

BOILER

9.4 P. ALK 11

14. T. ALK 14

5.9 CHLO 2.1

6.0 PH. 4 55

19 SO. 3 22

PH

WS. HRS. Add 12042 #15

FS. HRS. 4042 #5 ST. BIR

CHIEF ENGR'S SIGNATURE-

J. A. Halloran

USNS

VOYAGE NO.

FROM

TO

TYPE OF VESSEL

DATE

28-30 July 66

M-day-thur-Sat

		WATCH						WATCH							
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME															
DETENTION TIME															
REVOLUTION COUNTER (END OF WATCH)															
TOTAL REVOLUTIONS (FOR WATCH)															
AVERAGE RPM															
F.O. METER (END OF WATCH)															
F.O. CONSUMED															
MACHINERY PARTICULARS	PRESSURES	THROTTLE						MACH. PARTICULARS (CONT'D)	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							O. C. FEED WATER HEATER						
		AUX. STEAM							3RD STAGE FEED WATER HEATER						
		BACK PRESSURE							SUPER HEAT	P					
		GLAND STEAM								S					
		H.P. BLEEDER							F.O. TO BURNERS						
		L.P. BLEEDER							AIR TO FURNACE	P					
	TEMPERATURES	STEAM AT THROTTLE							S						
		L. P. EXHAUST						F.O. TEMP. IN SETTLING TANKS	P						
		CONDENSATE							S						
		CIRC. WATER IN						PORT BOILER UPTAKE							
		CIRC. WATER OUT						STBD. BOILER UPTAKE							
		L.O. TO COOLERS						F. O. BACK PRESSURE							
		L.O. FROM COOLERS						MAIN STEAM							
		TEMPERATURE THRUST BEARING						F.O. TO BURNERS							
		FORWARD H.P. ROTOR BEARING						MAIN COND. SALINITY							
		AFT. H.P. ROTOR BEARING						ENGINE ROOM TEMPERATURE							
TEMPERATURES	FORWARD L.P. ROTOR BEARING						FIRE ROOM TEMPERATURE								
	AFT. L.P. ROTOR BEARING						NOZZLES IN USE								
							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	DOMESTIC WATER	BOILER WATER	LUBE OIL	DIESEL OIL				
1200 TO 1600													METER AT NOON	ON HAND AT START OF DAY	ON HAND AT START OF DAY	ON HAND AT START OF DAY	ON HAND AT START OF DAY				
													METER PREVIOUS NOON	EVAPORATED OR RECEIVED	EVAPORATED OR RECEIVED	EVAPORATED OR RECEIVED	EVAPORATED OR RECEIVED				
													CONSUMED BY METER	ON HAND	ON HAND	ON HAND	ON HAND				
													ON HAND AT START OF DAY	CONSUMED	CONSUMED	CONSUMED	CONSUMED				
													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	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

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

BOILER

P.ALK

T.ALK

CHLO

PH. 4

SO. 3

PH

WS. HRS.

FS. HRS.

CHIEF ENGR'S SIGNATURE-

[Signature]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
General John Pope (AP-110)		Tacoma, Wash.	OKinawa.	P-2-G	28 + 30 July 66

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	METER AT NOON	METER PREVIOUS NOON	CONSUMED BY METER	ON HAND AT START OF DAY	RECEIVED DURING DAY	EXPENDED DURING DAY	REMAINING ON BOARD	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED	ON HAND AT START OF DAY	RECEIVED	ON HAND	CONSUMED
1200 TO 1600	3	1200	430	710	8	130	110		61	1100	1100	235															
	4	1200	430	710	10	135	120		50	1100	1100	235															
1600 TO 2000	3	1200	430	730	8	130	110		60	1000	1000	235															
	4	1200	430	730	10	135	120		50	950	950	235															
2000 TO 2400	3	1200	450	715	8	130	110		62	1000	1000	235															
	4	1200	450	715	10	135	121		51	1000	1000	235															
2400 TO 0400	3	1200	430	715	8	130	110		62	950	950	235															
	4	1200	430	715	10	134	116		50	950	950	235															
0400 TO 0800	3	1200	430	710	8	130	110		62	1000	1000	235															
	4	1200	430	710	10	135	120		51	1050	1050	235															
0800 TO 1200	3	1200	450	710	8	130	110		62	1000	1000	235															
	4	1200	450	710	10	136	121		50	1000	1000	235															
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)												24 4 4 4 4 4															
L.O. CENTRIFUGE - HOURS OPERATED												1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200															
4 4 4 4 260 min 4																											
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 in operation as before. Changed & Cleaned F.O. suction & discharge STRAINERS. C.E. & 1st Asst. ordered 3 burners in St Boiler & Take F.O. METER EVERY 1/2 HR to 1 watch. Blew Tubes both boilers

F.O. 55
F.W. 3-12
MUF 1-2
MU-U
EVAP 1-2
GAL-D 540
To #1

WATCH ENGR'S SIGNATURE

N. V. Mow

1600-2000 WATCH

Steaming as before on 18 Nov. Air Compressor pulled down for repairs by 2nd Asst. Changed & Cleaned Top burner in Port boiler. Shifted & Cleaned F.O. strainer Dis. side to sthd. boiler. #8 spring bearing running hot. Added 3 Gal. oil to #3 fuel pump. Checked all mach. spaces & mach.

F.O. 55
F.W. 35
MUF #1P
MU-U
EVAP 1-2
GAL-D
6,900

Conditions Normal

WATCH ENGR'S SIGNATURE

J. M. Jones

2000-2400 WATCH

At Sea, Steaming on 18 Nov 22, Cleaned Center Burner port Boiler, Cleaned & Shifted port to Disch strainer, Cleaned Main L.O. Strainer, Held Eng Casualty Drill E-1 2140 to 2200 - 4 men present - Bridge notified, @ 2030 #1 & 2 Evaps Dist to #3 sthd, 7W. Sult on 3k, Shift due C.P. list, @ 2300 Retarded Ships Clock 20 min, Made Rounds and Insp. of Mach & Eng spaces.

F.O. - 5
F.W. - #3
MUF
MU-U
EVAP - 1-2
GAL-D 8,200

WATCH ENGR'S SIGNATURE

R. Summers

2400-0400 WATCH

Plant as before Changed to Sink settler. Changed & cleaned F.O. suction & discharge STRAINERS. Held Eng Casualty Drill - E1 0200-0200 Retarded clocks 20 min. @ 0055

F.O. 5-in
F.W. #3
MUF
MU-U
EVAP 1-2
GAL-D 900
#35

WATCH ENGR'S SIGNATURE

N. V. Mow

0400-0800 WATCH

Steaming as before on 18 Nov. @ 0500 Retarded Clocks 20 min. 0500 to 0530 Held Casualty Drill E-1 four (4) men present. Shifted & Cleaned Main L.O. strainer. Condition of strainer (good) Very little metal shavings on magnet. Shifted & Cleaned F.O. strainer to #3 boiler Dis. side. Checked all mach. spaces & mach. Routine watch.

F.O. 25
F.W. #3
MUF
MU-U
EVAP 1-2
GAL-D 8,400

Conditions Normal

WATCH ENGR'S SIGNATURE

J. M. Jones

0800-1200 WATCH

At Sea, Steaming on 18 Nov. 0800 to 0820 Blew tubes #3 & 4 Boilers. Cleaned Center Burner port Boiler, Cleaned & Shifted to Disch Strainers port side, Cleaned & Shifted Main L.O. Strainers, @ 1100 Secured Steam Heating. Shifted to Sett suction & sthd, pumped Settlers. Made Chem Tests on Cond.

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

Routine Sea Watch

CHIEF ENGINEER

0845 to 0915 Chief Engineer in Engine Room

WATCH ENGR'S SIGNATURE

R. Summers

BOILER

9.4 P. ALK 12

14 T. ALK 16

5.6 CHLO 1.6

60 PH. 4 55

18 SO. 3 22

14 PH

WS. HRS.

FS. HRS.

CHIEF ENGR'S SIGNATURE

J. M. Jones

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE					
General John Pope (TOP-110)				Tacoma, Wash.		Okinawa,		P-2-G		30-31 July					
		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		240	240	240	240	240	240	HOTTEST GEAR BEARING FORWARD		112	112	112	112	112	112
ST. F.D. METER		6744	6746	6747	6749	6750	6751	HOTTEST GEAR BEARING AFT		122	122	122	122	122	122
DETENTION TIME		698	240	640	020	380	790	AUX. COND. CONDENSATE		104	102	100	100	104	100
REVOLUTION COUNTER (END OF WATCH)		0548	0550	0553	0555	0557	0559	1ST STAGE FEED WATER HEATER		187	172	175	175	172	175
TOTAL REVOLUTIONS (FOR WATCH)		6090	8460	0750	3250	5600	7940	D. C. FEED WATER HEATER		240	240	240	240	240	240
AVERAGE RPM		92.3	93.2	92.9	93.8	93.5	93.1	3RD STAGE FEED WATER HEATER							
F.O. METER (END OF WATCH)		2839	2840	2842	2843	2844	2846	SUPER HEAT		P 705	710	710	710	710	715
F.O. CONSUMED		2500	2860	2770	2700	2670	2780	S 705		710	710	710	710	710	715
								F.O. TO BURNERS		185	180	185	185	185	185
								AIR TO FURNACE		P 120	118	120	190	124	125
								S 120		120	120	120	120	123	120
								F.O. TEMP. IN SETTLING TANKS		P 127	122	122	120	118	116
								S 112		110	107	104	104	106	106
								PORT BOILER UPTAKE		290	285	295	295	255	295
								STBD. BOILER UPTAKE		280	285	290	285	290	290
								F. O. BACK PRESSURE		12	12	12	12	13	12
								MAIN STEAM		450	450	450	450	450	450
								F.O. TO BURNERS		185/125	185/125	185/125	185/130	185/125	185/125
								MAIN COND. SALINITY		.2	.2	.2	.2	.2	.2
								ENGINE ROOM TEMPERATURE		92	92	94	92	92	94
								FIRE ROOM TEMPERATURE		92	92	94	92	92	94
								NOZZLES IN USE		18	18	18	18	18	18
								NO. OF BURNERS IN USE		P 3	3	3	3	3	3
								S 3		3	3	3	3	3	3
								BURNER TIP SIZE		P 53/70	53/70	53/70	53/70	53/70	53/70
								S 51/55		51/55	51/55	51/55	51/55	51/55	51/55
								CO ₂ % PORT BOILER					87 1/2%		
								CO ₂ % STBD. BOILER					86 3/4%		
								OIL LEVEL MAIN SUMP		1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

REMARKS

1200-1600 WATCH

Blow tubes on #3 & 4 Boilers, Cleaned Center Burner port Boiler, Cleaned + Shifted port F.O. strainer, Dis. side to sthd. boiler. Changed + cleaned top burner on Port boiler. Checked Mach. spaces + mach. 1730 to 1800 held Casualty Drill E-2 four (4) men Present. Added one (1) gal oil to sthd feed Pump. Routine watch.

F.O. ST out
F.W. = 36
MUF 1-13
MU-U
EVAP # 2
GAL-D 3600
3600
3600

WATCH ENGR'S SIGNATURE-

N. V. Morris

1600-2000 WATCH

Steaming as before on 18 Nov. Shifted + Cleaned F.O. strainer Dis. side to sthd. boiler. Changed + cleaned top burner on Port boiler. Checked Mach. spaces + mach. 1730 to 1800 held Casualty Drill E-2 four (4) men Present. Added one (1) gal oil to sthd feed Pump. Routine watch.

F.O. - P
F.W. # 3
MU-U
EVAP # 2
GAL-D 3600

Conditions normal.

WATCH ENGR'S SIGNATURE-

H. J. Jones

2000-2400 WATCH

at Sea Steaming on 18 Nov., Cleaned Center Burner port Boiler, Cleaned + Shifted port F.O. strainer, 2100 to 2120 held Eng. Casualty Drill E-2, 4 men present, Bridge Watched. @ 2230 Shift Fresh Water Section to #3-P. Made Rounds and Inspection of Mach + Eng Spaces.

F.O. - P
F.W. - 3-P
MUF 1-5
MU-U 5-3
EVAP # 2
GAL-D 3600

Routine Sea Watch

WATCH ENGR'S SIGNATURE-

R. Summers

2400-0400 WATCH

Plant as before TEST-RUN-STM L.O. PUMP changed + cleaned F.O. suction & discharge strainers 0200-0220 held Casualty drill E-2 four men Present. INSPECTIONS OF MACHINERY & SPACES. Changed to sthd outbr settler @ 0250

F.O. S-O
F.W. S-P
MUF 1-5
MU-U
EVAP # 2
GAL-D 3400
3400

FEED WAT

WATCH ENGR'S SIGNATURE-

N. V. Morris

0400-0800 WATCH

Steaming as before on 18 Nov. Shifted + Cleaned F.O. strainer Dis. side, sthd. boiler. Indicator light on Main L.O. pump out, Add 1/2 3 gal. L.O. to sthd. Main feed Pump. Checked spaces + mach. (Part time + on part time have it checked by Elect.)

F.O. S.S.
F.W. # 3-P
MUF
MU-U
EVAP # 2
GAL-D 2300
2300

Routine Sea Watch.

WATCH ENGR'S SIGNATURE-

H. J. Jones

0800-1200 WATCH

at Sea, Steaming on 18 Nov., Mach in operation as before, 0800 to 0825 Blow tubes on #3 & 4 Boilers, Cleaned Center Burner port Boiler, Cleaned + Shifted F.O. strainer port, side, 0805 Shift to port Settler, Pumped up port + sthd Settlers, Cleaned Main L.O. Disch. strainer, Made Chemical Test on Main + Aux Cond.

F.O. - P
F.W. - 43-S
MUF 1-5
MU-U - 7.5
EVAP # 1+2
GAL-D 9600
9600
3-5

Routine Sea Watch.

WATCH ENGR'S SIGNATURE-

R. Summers

CHIEF ENGINEER

0800 - 0815 Chief Engineer in Eng room.

BOILER

9.1 P. ALK 10
10.1 T. ALK 15
11.2 CHLO 1.5
12.1 PH. 4 5.5
13.1 SO. 3 3.1
14.1 PH
15.1 WS. HRS.
16.1 PS. HRS.

CHIEF ENGR'S SIGNATURE-

J. A. O'Halloran

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	240	240	260				MACH. PARTICULARS (CONT'D) TEMPERATURES (CONT'D)	HOTTEST GEAR BEARING FORWARD	112	112	112		
DETENTION TIME								HOTTEST GEAR BEARING AFT	121	122	122		
REVOLUTION COUNTER (END OF WATCH)	430	05642 400	0566 6580					AUX. COND. CONDENSATE	98	100	103		
TOTAL REVOLUTIONS (FOR WATCH)	430	22140	24180					1ST STAGE FEED WATER HEATER	173	175	175		
AVERAGE RPM	92.8	92.5	93.0					D. C. FEED WATER HEATER	240	240	240		
F.O. METER (END OF WATCH)	9600 630	9603 330	9606 450					3RD STAGE FEED WATER HEATER					
F.O. CONSUMED	2840	2700	3120					SUPER HEAT	P 710 S 710	710 710	710 710		
PRESSURES	THROTTLE	430	430	430				F.O. TO BURNERS	185	160 160	166		
	H.P. AHEAD	430	430	430			TEMPERATURES	AIR TO FURNACE	P 120 S 120	128 120	126 120		
	L.P. AHEAD	22.5	22.5	22				F.O. TEMP. IN SETTLING TANKS	P 110 S 110	108 102	110 102		
	VACUUM	29	29	29				PORT BOILER UPTAKE	295	295	295		
	L.O. TO TURBINES	12.75	12	12				STBD. BOILER UPTAKE	285	280	290		
	AUX. STEAM	135	135	135				F. O. BACK PRESSURE	12	16	12		
	BACK PRESSURE	9	9	9				MAIN STEAM	450	450	450		
	GLAND STEAM	0	0	0				F.O. TO BURNERS	165/120	185/110	185/120		
	H.P. BLEEDER	80	72	72			PRESSURES	MAIN COND. SALINITY	.2	.2	.2		
	I.P. BLEEDER							ENGINE ROOM TEMPERATURE	92	96	94		
	L.P. BLEEDER	8	12	10				FIRE ROOM TEMPERATURE	92	96	94		
TEMPERATURES	STEAM AT THROTTLE	710	710	710				NOZZLES IN USE	18	18	18		
	L. P. EXHAUST	106	110	110				NO. OF BURNERS IN USE	P 3 S 3	3 3	3 3		
	CONDENSATE	103	104	104				BURNER TIP SIZE	P 53/70 S 51/55	53/70 51/55	53/70 51/55		
	CIRC. WATER IN	92	74	74				CO ₂ % PORT BOILER					
	CIRC. WATER OUT	86	88	89				CO ₂ % STBD. BOILER					
	L.O. TO COOLERS	126	126	126				OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"		
	L.O. FROM COOLERS	110	110	110									
	TEMPERATURE THURST BEARING	112	112	112									
	FORWARD H.P. ROTOR BEARING	123	123	123									
	AFT. H.P. ROTOR BEARING	120	128	128									
	FORWARD L.P. ROTOR BEARING	128	128	130									
	AFT. L.P. ROTOR BEARING	127	128	128									

WATCH	GENERATORS											FUEL - WATER AND LUBE OIL					
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	WATER	LUBE OIL	DIESEL OIL	
1200 TO 1600	3	1200	480	705	8	130	110		62	1100	1100	235	METER AT NOON		ON HAND AT START OF DAY		
	4	1200	480	705	10	135	120		50	1100	1100	235	METER PREVIOUS NOON		EVAPORATED OR RECEIVED		
1600 TO 2000	3	1200	450	710	8	134	114		62	1100	1100	235	CONSUMED BY METER		ON HAND		
	4	1200	450	710	10	137	120		50	900	900	235	ON HAND AT START OF DAY		CONSUMED		
2000 TO 2400	3	1200	450	710	8	132	112		62	950	950	235	RECEIVED DURING DAY		ON HAND AT START OF DAY		
	4	1200	450	710	10	137	120		50	900	900	235	EXPENDED DURING DAY		RECEIVED		
2400 TO 0400													REMAINING ON BOARD		ON HAND		
													ON HAND AT START OF DAY		CONSUMED		
0400 TO 0800													EVAPORATED OR RECEIVED		ON HAND		
													ON HAND		RECEIVED		
0800 TO 1200													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
													4	4	4		
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

Mach. in operation: P&S Boilers, P&S Forced draft Blowers, MAIN Feed pumps
MAIN PROPULSION UNIT & Both Generators with associated pumps Air Ejectors F.O. & L.O.
Service pumps - No Air compressor Fresh & Salt water pumps L.O. Purifiers,
Bilge pumps Cleaned F.O. Suct & disch. strainer, L.O. strainer Blew tubes
Both Boilers 3 gal. of L.O. to Post Pump

F.O. P
F.W. 3-5
MUF 1-5
MU-U
EVAP 1-2
GAL-D 8600

WATCH ENGR'S SIGNATURE

1600-2000 WATCH

Steaming as before on 18 Noz. shifted and cleaned F.O. strainer
dis. side to 5th boiler. Changed and cleaned top burner in port
boiler, shifted & cleaned main L.O. strainer, Condition of strainer is
Very good magnet had very little metal shavings in it. Checked spaces
and mach. 1230 to 1240. Carried out regular sea watch.

F.O. P
F.W. 3-5
MUF 1-5
MU-U
EVAP 1-2
GAL-D 9600

WATCH ENGR'S SIGNATURE

2000-2400 WATCH

At Sea Steaming on 18 Noz. Z, Machinery in operation as before, Cleaned Center
burner port Boiler, Cleaned & shifted F.O. Disc strainer port Boiler, Cleaned
& shifted L.O. Strainers on #3 & 4 Generators, Cleaned & Inspected Main
L.O. Disc strainer, Made Chem tests Main & Aux Cond, 2100 to 2130 Held Eng
Casualty Drill E-3-4 Men present Bridge Watched @ 2115 Shifted Engine Dist.
to #3 port due to List, @ 2300 Retarded Ship's Clock 20 min. Made Rounds
and inspection of mach & Eng spaces - Routine Sea Watch

F.O. P
F.W. 3-5
MUF 1-5
MU-U
EVAP 1-2
GAL-D

WATCH ENGR'S SIGNATURE

2400-0400 WATCH

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE

0400-0800 WATCH

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE

0800-1200 WATCH

F.O.
F.W.
MUF
MU-U
EVAP
GAL-D

WATCH ENGR'S SIGNATURE

CHIEF ENGINEER

BOILER

9.3 P. ALK 9.9
H T. ALK 10
6.1 CHLO 1.59
60 PH. 4 50
15 SO. 3 22
PH

WS. HRS.
FS. HRS.

CHIEF ENGR'S SIGNATURE