REMARKS

1200-1600 WATCH

Port Watch Cut #1 Boiler in on Line @1255 Wheel Clearence @1259 Disengaged Tacking Gear @1300 open M.S. B&S & stard Warming up Main Unit @1304 Time Check & Tested Engine Telegraph @1305 Stby @1356 FDM 100 08580 Ctr. 1N 548550 Shifted Main Sea Suct. to Low. Bells As per Bell Book Bilges At Safe Level. Made Routine Rounds on Mach & E.R. Spaces

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Departure at 1600 CTR-1455 3580 - FOM-P-666 510 - S-FOM-3343 090 at 1610 Wind up to 18 Nozzles at 1755-I due to loss of F.O. Suction at 1813 LH at 1940 #1 Evaps were Lit-off.

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH

Pumped Out #4 P&S Holds; Bilges Pumped; Burners Changed; F.O. Suct. Strainer Cleaned and Changed. Bypassing F.O. Control Valve as it will not operate Properly; Lean to Bottom Burner on Line Port Boiler. Made Rounds. Pumped up Both Settlers 4 & DT. Underway on 18 Nozzles, Mach. in operation as Before.

WATCH ENGR'S SIGNATURE- F. Edwards 3rd/E

2400-0400 WATCH

UNderway on 18 Nozz Mach In operation As Before. Changed & Cleaned Center F.O. burners & Stbd disch strainer. Secured #1 L.P. Evap & cons For Repairs Lit off #1 L.P. Evap & cons Checked Steering Gr. Gear. Pumped Bilges. Made Routine Inspections of Mach. & Engs Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before on 18 Nozzles. shifted Cond Cleaned bottom burner in #1 + 2 boilers. Pumped out bilges, shifted F.O. Suction to inboard Settler. worked on Jacks leaking from fire sides. #1 boiler on Continous blow through Contaminated Evap.

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH

Steaming As Before on 18 Nozzles; Blew Tubes 0810-0825; Changed Burners; Shifted To outboard Settler @ 0830; Pumped up Inboard Settler. Outboard Settler Topped off. F.O. Control Valves on Auto. Pumped out #4 Hold P&S. Made Rounds and Inspections.

WATCH ENGR'S SIGNATURE- F. Edwards 3rd/E

CHIEF ENGINEER

BOILER WATER READINGS	
STB'D FS	PORT WS-FS
HOURS 72	HOURS 72 - 72
AKL	AKL
T-AFL	T-AKL
SAL.	SAL.
PHOS.	PHOS.
R.ph	R.ph

CHIEF ENGR'S SIGNATURE- Keith E.

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope Taplle	6-A	Oakland Calif	Okinawa	P2-S2-R2	11-24-25-66

MACHINERY PARTICULARS

	WATCH 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
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1468 9760	1471 3750	1473 9900	1476 5590	1479 1340	1481 5360
TOTAL REVOLUTIONS (FOR WATCH)	22930	23990	26150	25690	25760	24020
AVERAGE RPM	95.1	99.9	100.6	98.8	99.0	100.1
F.O. METER (END OF WATCH)	1002 4070	1002 6610	1002 9460	1003 2280	1003 5060	1003 7710
F.O. CONSUMED	2520	2540	2850	2820	2780	2650
PRESSURES: THROTTLE	415	430	430	435	440	435
H.P. AHEAD	410	430	425	435	435	430
L.P. AHEAD	18	18	21	22	22	22
VACUUM	29"	29"	29"	29"	29"	29
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	10	10	9	10	10	9
GLAND STEAM	2	2	2	2	2	2.5
H.P. BLEEDER	72	72	70	72	74	72
I.P. BLEEDER	—	—	7	--	—	—
L.P. BLEEDER	15	15	11"	12"	12"	11"
TEMPERATURES: STEAM AT THROTTLE	680	680	690	680	680	680
L.P. EXHAUST	90	90	96	96	96	96
CONDENSATE	86	90	90	90	90	92
CIRC. WATER IN	65	65	65	69	68	72
CIRC. WATER OUT	75	76	78	79	80	82
L.O. TO COOLERS	128	128	128	129	128	130
L.O. FROM COOLERS	110	109	108	110	110	109
TEMPERATURE THRUST BEARING	118	120	120	119	120	120
FORWARD H.P. ROTOR BEARING	125	125	135	127	125	125

MACHINERY PARTICULARS (CONT'D) / BOILER PARTICULARS / MISCELLANEOUS

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES (CONT'D): AFT. H. P. ROTOR BEARING	136	135	135	137	138	138
FORWARD L. P. ROTOR BEARING	135	135	125	135	135	135
AFT. L.P. ROTOR BEARING	128	125	125	128	128	128
HOTTEST GEAR BEARING FORWARD	158	158	158	158	130	157
HOTTEST GEAR BEARING AFT	148	148	148	148	140	145
AUX. COND. CONDENSATE	86	86	90	90	100	100
1ST STAGE FEED WATER HEATER	154	154	158	156	158	155
D. C. FEED WATER HEATER	237	23	238	238	240	240
~~3RD STAGE FEED WATER HEATER~~ Rotor Clearance HP / LP	050 / 100					
BOILER TEMPERATURES: F.O. TO BURNERS	190	180	192	190	198	190
F. O. BACK PRESSURE	10	10	10	10	10	10
Pressure AIR TO FURNACE P / S	6.0 / 5.0	6.0 / 5.0	6.0 / 5.0	5.2 / 4.5	5.0 / 4.5	4.8 / 3.4
UPTAKE						
BOILER PRESSURES: MAIN STEAM	680	680	690	680	680	670
SUPER HEAT	435	435	430	450	450	440
F.O. TO BURNERS	200	200	210	210	210	200
F.O. TEMP. IN SETTLING TANKS	100 / 105	105 / 105	110 / 110	110 / 105	100 / 100	102 / 102
PORT BOILER UPTAKE	340	335	330	350	345	360
STBD. BOILER UPTAKE	325	330	325	320	330	340
MISCELLANEOUS: ENGINE ROOM TEMPERATURE	75	76	76	76	76	80
FIRE ROOM TEMPERATURE	75	76	76	76	76	80
NOZZLES IN USE	18	18	18	18	18	18
NO. OF BURNERS IN USE	6	6	6	6	6	6
BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER		—	—	~~21 1/2 %~~	21 1/2 %	—
CO_2 % STBD. BOILER		—	—		21 1/2 %	—
OIL LEVEL MAIN SUMP	1'2"	1'2	1'2"	1'2"	1'2"	1'2"

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	1	1200	435		9	118	110		62	1050	1050	235
	2	1200	435		7	120	118		58	1050	1050	235
1600 TO 2000	1	1200	430		9	130	118		62	1000	1000	240
	2	1200	430		7	118	110		58	1000	1000	240
2000 TO 2400	1	1200	430		9	118	110		62	950	950	240
	2	1200	430		7	130	112		58	1150	1050	240
2400 TO 0400	1	1200	435		9	120	110		62	950	950	240
	2	1200	435		7	128	116		58	1000	1000	240
0400 TO 0800	1	1200	450		9	128	110		62	1200	1000	240
	2	1200	450		7	120	116		58	1200	1000	240
0800 TO 1200	1	1200	435		9	120	120		62	1050	1050	240
	2	1200	435		7	130	114		58	1150	1050	240

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10037710	BOILER WATER	ON HAND AT START OF DAY	160
	METER PREVIOUS NOON	10021650		EVAPORATED OR RECEIVED	-0-
	CONSUMED BY METER	16160		ON HAND	108
	ON HAND AT START OF DAY	17,496		CONSUMED	52
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	3420
	EXPENDED DURING DAY	731		RECEIVED	-0-
	REMAINING ON BOARD	16,765		ON HAND	3410
DOMESTIC WATER	ON HAND AT START OF DAY	1045		CONSUMED	10
	EVAPORATED OR RECEIVED	104			1530
	ON HAND	871		On hand	1528
	CONSUMED	278			2

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	4	4 1/3	4 1/3	4 1/3	4

SUMMARY

RUNNING TIME	1500	PERCENT OF SLIP	10.4
DETENTION TIME	-0-	BBL FUEL/MI E / O	1.33
TOTAL REVOLUTIONS AK.	146560	WIND DIRECTION	
AVERAGE R.P.M.	97.7	STATE OF SEA	
TOTAL MILES BY ENGINE	546	STATE OF WEATHER	
TOTAL MILES BY OBSERVATION	489		

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ. MACH. INOPERATION *1&2 BOILERS 1&2 F.D. BLOWERS. 1&2 F.O.S. PMPS. 1&2 MN. FEED PMPS. MN. AIR COMPRESSOR. MN & AUX AIR EJECTORS. M & AUX CONDENSATE PUMPS. MN & AUX CIRC. PUMPS L.O. PURIFIER. L.O.S. PUMP. 1&2 AUX GENERATORS. PORT STEERING GEAR. TESTED OVERSPEED TRIP & LOW L.O. ALARM ON MN. TURBINE & THRUST. FIRE drill @ 1321 SEC. @ 1325 BOAT drill @ 1336 SEC @ 1349 STBY @ 1331 44 @ 1349 Checked Steering E.R. GEAR. PUMPED Bilges. Made Routine INSPECTIONS of Mach. & Engs SPACES.

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before on 18 nozzles. Shifted & Cleaned F.O. strainer Port. Shifted to in board settler. Cut off Contaminated Evap. Checked all machinery & spaces.

Main Condt. 41 C.P.G.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH

STEAMING AS BEFORE ON 18 NOZZLES; MADE ROUNDS & CHECKED ALL RUNNING MACH'S; PUMPED SETTLERS; CHANGED AND CLEANED STBD F.O. STRAINER; ON INBOARD SETTLER; JR. ENGR. CHECKED STEERING GEAR, TOOK WATER SOUNDINGS AND CHECKED ON CONDENSATE LINE LEAK IN TROOP COMPARTMENT 4-4; BILGES PUMPED.

WATCH ENGR'S SIGNATURE- J. F. Edwards

2400-0400 WATCH

UNDERWAY ON 18 NOZZ. MACH AS BEFORE. Changed & Cleaned Center F.O. BURNERS & stbd disch STRAINER. Retarded CLOCKS 20 MINS. @ 0100 CLEANED INSPECTED L.O. STRAINERS ON MAIN UNIT. Checked Steering E.R. GEAR. Pumped Bilges. Held Eng's Casualty drill B-1 Loss of Fuel oil pressure Watch JUST & Bridge Notified 0300-0320 Made Routine INSPECTIONS of Mach. & Engs SPACES.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before 18 nozzles. 0500 & 0530 held Casualty drill Fire room. B-1 loss of F.O. Pressure, 4 men Present. At 0500 retarded Clock (20 min) Chimical test of feed tanks #1 Port. 41 C.P.G. #1 Stbd. 41 C.P.G. Main Condt. 41 C.P.G. Pumped bilges and Cofferdams. Checked all Mach. and Mech. Spaces.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH

STEAMING AS BEFORE ON 18 NOZZLES; BLOW TUBES @ 0518; NOTIFIED PLUMBERS OF LEAK IN COMP. 4-4; NOTIFIED ELECTRICIAN of STOPPED BLOWER IN COMP. 4-3 @ 0900. F.O. BEING GRAVITATED TO TANKS 1S, 2 P&S, 4 ℄, 5 P&S AND 6 P&S FROM 4 ℄ DP @ 1000. PUMPED up SETTLERS FROM 4 ℄ DP 1000 - 1020 HELD CASUALTY DRILL in FIRE ROOM. B-1 LOSS of F.O. PRESS. 4 MEN PRESENT. MADE ROUNDS AND CHECKS OF ALL RUNNING MACH. STARTED PUMPING OUT 4 HOLD P&S. @ 1045; STARBOARD BOILER SAFETY LIFTED @ 460# @ 1147; CHANGED TOP BURNERS

WATCH ENGR'S SIGNATURE- J. F. Edwards

CHIEF ENGINEER

BOILER WATER READINGS

WS STB'D FS	PORT WS - FS
96 HOURS 96	HOURS 96 - 96
AKL 8.18	AKL 8.76
T-AKL 14.60	T-AKL 12.26
SAL. 2.49	SAL. 3.73
PHOS. 45	PHOS. 45
R.ph 10.0	R.ph 10.0

CHIEF ENGR'S SIGNATURE- [signature]

USNS: Gen John Pope TAP-110 | VOYAGE NO.: G-A | FROM: OAKLAND Calif | TO: OKINAWA | TYPE OF VESSEL: P2-S2-R2 | DATE: 11-25-26-66

	WATCH 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
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1483 8810	1486 2220	1488 5680	1490 9730	1493 3460	1495 6980
TOTAL REVOLUTIONS (FOR WATCH)	23450	23410	23460	24250	23530	23520
AVERAGE RPM	97.7	97.5	97.7	100.6	98.0	98.0
F.O. METER (END OF WATCH)	1004 0240	1004 2750	1004 5360	1004 7910	1005 0390	1005 2950
F.O. CONSUMED	2530	2510	2610	2550	2480	2560

MACHINERY PARTICULARS

PRESSURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
THROTTLE	420	430	430	430	430	430
H.P. AHEAD	421	420	430	430	430	435
L.P. AHEAD	20	20	22	21	22	21
VACUUM	29"	29"	29	29"	29"	28.5
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	150	150	150	150	150	150
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	2	2	2	2	2	2
H.P. BLEEDER	72	72	70	72	72	70
I.P. BLEEDER	—	—	—	—	—	
L.P. BLEEDER	14	14"	11"	14	14"	14"

TEMPERATURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
STEAM AT THROTTLE	680	700	700	700	700	685
L.P. EXHAUST	96	95	98	100	98	102
CONDENSATE	95	90	94	94	94	93
CIRC. WATER IN	70	70	72	70	72	75
CIRC. WATER OUT	80	80	82	84	82	84
L.O. TO COOLERS	130	126	122	128	122	127
L.O. FROM COOLERS	110	106	105	109	100	106
TEMPERATURE THRUST BEARING	120	120	118	118	115	117
FORWARD H.P. ROTOR BEARING	130	130	127	128	125	127

MACHINERY PARTICULARS (CONT'D)

TEMPERATURES (CONT'D)

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
AFT. H. P. ROTOR BEARING	135	130	135	136	135	136
FORWARD L. P. ROTOR BEARING	135	135	132	135	132	132
AFT. L.P. ROTOR BEARING	130	130	126	128	124	127
HOTTEST GEAR BEARING FORWARD	158	158	159	160	160	159
HOTTEST GEAR BEARING AFT	148	148	143	148	143	146
AUX. COND. CONDENSATE	95	100	102	94	102	102
1ST STAGE FEED WATER HEATER	156	152	158	158	158	154
D. C. FEED WATER HEATER	238	240	235	238	238	240
~~3RD STAGE FEED~~ ROTOR CLEARANCE HP / LP	1050 / 150	—	—	—	—	—

BOILER PARTICULARS

TEMPERATURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
F.O. TO BURNERS	190	175	192	190	190	190
F. O. BACK PRESSURE	10	10	10	10	10	10
AIR TO FURNACE PRESSURES	6.0 / 5.0	6.0 / 5.0	5.4 / 3.2	5.5 / 4.0	5.4 / 4.0	4.0 / 3.0
UPTAKE — P	—	330 / 330	325 / 325	330 / 325	330 / 325	
MAIN STEAM	680	700	680	700	425	660

PRESSURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
SUPER HEAT	440	430	430	440	700	430
F.O. TO BURNERS	215	205 / 205	205	200 / 200	200 / 200	190
F.O. TEMP. IN SETTLING TANKS	105 / 100	100 / 100	98 / 105	98 / 100	98 / 100	120 / 110
PORT BOILER UPTAKE	335	—			-	315
STBD. BOILER UPTAKE	325	—			-	310

MISCELLANEOUS

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
ENGINE ROOM TEMPERATURE	79	78	79	79	80	82
FIRE ROOM TEMPERATURE	79	78	79	79	80	82
NOZZLES IN USE	18	18	18	18	18	18
NO. OF BURNERS IN USE	6	6	6	6	6	6
BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER		—	—		20 1/4	
CO_2 % STBD. BOILER		—	—		19 1/4	
OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

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	1	1200	420	680	9	120	114		62	1050	1050	240
	2	1200	420	680	7	132	118		58	1100	1100	240
1600 TO 2000	1	1200	430	700	9	120	110		62	1000	1000	230
	2	1200	430	700	7	130	118		58	1000	1000	230
2000 TO 2400	1	1200	430	650	9	120	110		62	1000	1000	230
	2	1200	430	650	7	130	116		58	1000	550	230
2400 TO 0400	1	1200	430	700	9	118	110		62	950	950	230
	2	1200	430	700	7	130	118		58	900	700	230
0400 TO 0800	1	1200	425	700	9	130	118		62	1000	1000	230
	2	1200	425	700	7	118	110		58	1000	1000	230
0800 TO 1200	1	1200	430	660	9	120	110		62	1100	1050	230
	2	1200	430	660	7	132	118		57	1150	1100	230

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10052950	BOILER WATER: ON HAND AT START OF DAY	108
	METER PREVIOUS NOON	10037710	EVAPORATED OR RECEIVED	-0-
	CONSUMED BY METER	14240	ON HAND	85
	ON HAND AT START OF DAY	16765	CONSUMED	23
	RECEIVED DURING DAY	-0-	LUBE OIL: ON HAND AT START OF DAY	3410
	EXPENDED DURING DAY	696	RECEIVED	-0-
	REMAINING ON BOARD	16069	ON HAND	3390
DOMESTIC WATER	ON HAND AT START OF DAY	871	CONSUMED	20
	EVAPORATED OR RECEIVED	185		1528
	ON HAND	903	ON HAND	1525
	CONSUMED	153		3

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	4	4	3 1/2	4	4

SUMMARY

RUNNING TIME	1440	PERCENT OF SLIP	Pos. 10.34
DETENTION TIME	-0-	BBL FUEL/MI	1.33 / 1.48
TOTAL REVOLUTIONS RPS	139855	WIND DIRECTION	080
AVERAGE R.P.M.	97.1	STATE OF SEA	Heavy Swells
TOTAL MILES BY ENGINE	522	STATE OF WEATHER	66°
TOTAL MILES BY OBSERVATION	468		

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ. MACH INOPERATION #1+2 BOILERS 1+2 F.D. BLOWERS. 1+2 F.O.S. PUMPS. 1+2 MN. F.P. PMPS. L.O.S. PUMP. L.O. PURIFIER. MN+AUX AIR EJECTORS. MN+AUX CIRC PMPS. MN+AUX CONDENSATE PUMP. 1+2 AUX GENERATORS. Tested OVERSPEED TRIP LOW L.O. ALARM ON MN. TURBINE+THROTT. Checked STOERING ER. GEAR. Pumped Bilges. DAILY test of Stby L.O. pump for ½ hr. Made ROUTINE INSPECTIONS of MACH.+ENGS SPACES.

MN Cond .41 GPG

WATCH ENGR'S SIGNATURE- Geo. E. Bunney

1600-2000 WATCH

Steaming as before on 18 nozzles. At 1555 blew tubes on #1+2 boilers. Shifted and Cleaned bottom burner in #1+2 boilers. At 1800 shifted to inboard settler. Checked all operating mach.

Main Cond'T. .41 G.P.G.

WATCH ENGR'S SIGNATURE- H.M. Jones

2000-2400 WATCH

STEAMING AS BEFORE ON 18 NOZZLES; ADDED 3 GALS L.O. TO #2 FEED PUMP; CHANGED AND CLEANED L.O. STRAINER ON GEN.; PUMPED UP SETTLERS FROM 4 P+S D.P.; MADE ROUNDS AND CHECKED ALL RUNNING MACH., FINISHED PUMPING UP SETTLERS CHANGING F.O. TRANSFER PUMP SUCT. TO 4 P+S. CHANGED AND CLEANED F.O. SUCT. STRAINER. PUMPED OUT #4 HOLD P.; JR. ENG. CHECKED STEERING GEAR AND TOOK WATER SOUNDINGS;

MN. COND. .41 GPG

WATCH ENGR'S SIGNATURE- L. J. Edwards

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS before Changed + Cleaned Center F.O. burners + stbd disch STRAINER. Secured + Cleaned L.O. purifier @ 2400 BACK ON the LINE @ 0030. INSPECTED + CLEANED MN L.O. disch STRAINER. Broke out Chief Elect to make REPAIRS ON dough Mixer By 1st ASST @ 0100. Crossed AUX PLANT ~~over~~ to MAIN @ 0110. Checked STEERING ER. GEAR. pumped Bilges. DAILY test of Stby L.O. pump FOR 1-hr. made Routine INSPECTIONS of MACH + ENGS SPACES.

MN Cond .41 GPG

WATCH ENGR'S SIGNATURE- Geo. E. Bunney

0400-0800 WATCH

Steaming as before on 18 nozz. shifted and Cleaned bottom burners in #1+2 boilers. Pumped bilges + Cargo holds, shifted F.O. suction to outboard settler. Greased universal joints on reach rods, to settlers. Tightened up Casing Packing glands on Fwd blowers. Checked all operating mach.

Main Cond'T. .41 G.P.G.

WATCH ENGR'S SIGNATURE- H.M. Jones

0800-1200 WATCH

STEAMING AS BEFORE ON 18 NOZZLES; BLEW TUBES @ 0810, PUMPED SETTLERS TAKING F.O. FROM 4 P+S DP.; CHANGED AND CLEANED GEN L.O. STRAINERS; CHANGED TOP RUNNERS; JR. CHECKED STEERING GEAR. MADE ROUNDS AND CHECKED ALL RUNNING MACH.; GREASED MN. CIRC. AND BILGE PUMPS

MN. COND. .41 GPG

WATCH ENGR'S SIGNATURE- L. J. Edwards

CHIEF ENGINEER

BOILER WATER READINGS

	STB'D		PORT
WS	F5	WS -	F5
120	HOURS 120	HOURS 120 -	120
	AKL 5.84	AKL	8.90
	T-AKL 8.74	T-AKL	12.85
	SAL. 1.49	SAL.	3.31
	PHOS. 30	PHOS.	35
	R.ph 10	R.ph	10

CHIEF ENGR'S SIGNATURE- Emmett Thomas

USNS: Gen John Pope TAP-110 | VOYAGE NO.: 6-A | FROM: OAKLAND Calif | TO: OKINAWA | TYPE OF VESSEL: P2 R2-R2 | DATE: 11-26-27-61

MACHINERY PARTICULARS

WATCH	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
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1498 0380	1500 3900	1502 9390	1505 4820	1507 9960	1510 3210
TOTAL REVOLUTIONS (FOR WATCH)	23400	23520	25490	25430	25140	23250
AVERAGE RPM	97.5	98.0	98.0	97.8	96.6	96.9
F.O. METER (END OF WATCH)	1005 5510	1005 8030	1006 0840	1006 3560	1006 6230	1006 8850
F.O. CONSUMED	2560	2520	2810	2720	2670	2620
PRESSURES — THROTTLE	430	430	430	430	430	430
PRESSURES — H.P. AHEAD	430	430	430	430	430	430
PRESSURES — L.P. AHEAD	21	22	21	21	21	21
PRESSURES — VACUUM	28.8"	28.5	28.25"	28.8	27"	28.4
PRESSURES — L.O. TO TURBINES	12	12	12	12	12	12
PRESSURES — AUX. STEAM	150	150	150	150	150	145
PRESSURES — BACK PRESSURE	9	9	9	9	9	9
PRESSURES — GLAND STEAM	2	3	3	3	2	3
PRESSURES — H.P. BLEEDER	72	80	70	73	72	70
PRESSURES — I.P. BLEEDER	—	7	—	—	—	
PRESSURES — L.P. BLEEDER	14	10	13.5"	13.5	14"	14"
TEMPERATURES — STEAM AT THROTTLE	680	680	690	680	695	700
TEMPERATURES — L.P. EXHAUST	102	100	102	102	102	102
TEMPERATURES — CONDENSATE	96	96	96	98	96	96
TEMPERATURES — CIRC. WATER IN	72	72	75	73	73	75
TEMPERATURES — CIRC. WATER OUT	85	86	84	85	84	84
TEMPERATURES — L.O. TO COOLERS	128	128	126	128	127	126
TEMPERATURES — L.O. FROM COOLERS	109	108	106	109	106	106
TEMPERATURES — THRUST BEARING	118	120	117	118	120	117
TEMPERATURES — FORWARD H.P. ROTOR BEARING	129	130	127	128	125	127

MACHINERY PARTICULARS (CONT'D)

WATCH	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES (CONT'D) — AFT. H. P. ROTOR BEARING	137	135	135	135	135	135
FORWARD L. P. ROTOR BEARING	133	135	133	134	130	133
AFT. L.P. ROTOR BEARING	129	125	127	128	125	127
HOTTEST GEAR BEARING FORWARD	158	160	160	160	160	160
HOTTEST GEAR BEARING AFT	148	148	147	148	148	147
AUX. COND. CONDENSATE	96	105	102	98	106	102
1ST STAGE FEED WATER HEATER	155	158	156	156	156	156
D. C. FEED WATER HEATER	238	240	238	238	240	238
2ND STAGE FEED WATER HEATER	Replacing USC 186					

BOILER PARTICULARS

WATCH	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES — F.O. TO BURNERS P / S	190	190 / 195	190	190	180 / 180	190
TEMPERATURES — F. O. BACK PRESSURE	10	10	10	10	10	11
TEMPERATURES — AIR TO FURNACE (PRESSURE) P / S	4.6 / 3.5	5.0 / 3.0	4.8 / 3.0	5.2 / 3.6	5.2 / 4.0	4.6 / 3.2
TEMPERATURES — UPTAKE					—	
TEMPERATURES — MAIN STEAM	680	680	680	680	695	700
PRESSURES — SUPER HEAT	440	430	430	430	430	430
PRESSURES — F.O. TO BURNERS	195 / 200	190 / 180	180 / 190	195 / 195	200 / 200	195
PRESSURES — F.O. TEMP. IN SETTLING TANKS P / S	112 / 112	112 / 110	120 / 105	109 / 110	105 / 110	120 / 125
PRESSURES — PORT BOILER UPTAKE T.	315	320	325	335	340	325
PRESSURES — STBD. BOILER UPTAKE T.	310	310	312	330	330	315

MISCELLANEOUS

WATCH	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
ENGINE ROOM TEMPERATURE	83	80	80	79	80	79
FIRE ROOM TEMPERATURE	83	80	80	79	80	79
NOZZLES IN USE	18	18	18	18	18	18
NO. OF BURNERS IN USE	6	6	6	6	6	6
BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER					19 1/4	
CO_2 % STBD. BOILER					20 1/4	
OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

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	1	1200	430	680	9	122	113		62	1150	1150	230
	2	1200	430	680	7	133	120		58	1050	1050	230
1600 TO 2000	1	1200	430	680	9	120	110		62	1000	1000	230
	2	1200	430	680	7	130	118		58	1000	1000	230
2000 TO 2400	1	1200	430		9	120	110		62	900	900	230
	2	1200	430		7	132	118		58	1100	1000	230
2400 TO 0400	1	1200	430		9	120	110		62	950	950	230
	2	1200	430		7	132	118		58	1000	1000	230
0400 TO 0800	1	1200	430	695	9	120	110		62	1000	1000	230
	2	1200	430	695	7	130	120		58	1100	1100	230
0800 TO 1200	1	1200	430	700	9	120	110		62	1100	1100	230
	2	1200	430	700	7	132	118		58	1000	958	230

FUEL · WATER AND LUBE OIL

FUEL OIL	METER AT NOON	100 6885	BOILER WATER — ON HAND AT START OF DAY	85
	METER PREVIOUS NOON	100 52950	BOILER WATER — EVAPORATED OR RECEIVED	42
	CONSUMED BY METER	15,900	BOILER WATER — ON HAND	85
	ON HAND AT START OF DAY	16,069	BOILER WATER — CONSUMED	42
	RECEIVED DURING DAY	—0—	LUBE OIL — ON HAND AT START OF DAY	3390
	EXPENDED DURING DAY	739	LUBE OIL — RECEIVED	—0—
	REMAINING ON BOARD	15,330	LUBE OIL — ON HAND	3370
DOMESTIC WATER	ON HAND AT START OF DAY	903	LUBE OIL — CONSUMED	20
	EVAPORATED OR RECEIVED	190		15-25
	ON HAND	978	ON HAND	15-20
	CONSUMED	105		5

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	4	4 1/2	4 1/2	4 1/2	4

SUMMARY

RUNNING TIME	1500	PERCENT OF SLIP	Pos. 11.2
DETENTION TIME	—0—	BBL FUEL/MI	1.37 1.54
TOTAL REVOLUTIONS AVG	14428	WIND DIRECTION	050°
AVERAGE R.P.M.	96.2	STATE OF SEA	Heavy Swells
TOTAL MILES BY ENGINE	538	STATE OF WEATHER	66°
TOTAL MILES BY OBSERVATION	478		

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ MACH INOPERATION #1&2 Boilers. 1&2 F.D. Blowers. 1&2 F.O.S. Pumps. 1&2 MN Feed Pump. MAIN Air Ejector. MN Cond PUMP. MN. CIRC PUMP. L.O. PURIFIER. L.O.S Pump. FIRE&SAN. PUMP. 1&2 Aux GENERATORS. AUX Air Ejector. Cond. PMP. & AUX. CIRC PMP ~~OVER~~ to MAIN. Tested overspeed trip Low L.O. ALARM ON MN Turbine & THROTH. Checked Steering E.R. GEAR. PUMPED Bilges. Shifted F.O. Suct to Port ~~inbd~~ SETTLER @1500 Secured heating STEAM @1530 Rpt 1st ASST. Made Routine INSPECTIONS of Mach. & ENGR SPACES. MN. Cond. HI GPG.

WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH

UNDERWAY ON 18 NOZZ MACH AS Before. Blew Tubes on #1&2 Boilers with PERMISSION FROM Bridge. Changed AND CLEANED Bottom F.O. BURNERS & Port disch STRAINER. PUMPED #4 hold Rpt. JR. MADE STEERING GEAR Rounds FOUND Refrigerating TRUNK M.T. . Pumped UP SAME. SCUTTLEBUTT IN TROOP Comp 4-6 Scuttled, HEARING Badly;

MN. COND 1416PG

WATCH ENGR'S SIGNATURE- George Bunney & T Edwards

2000-2400 WATCH

STEAMING AS BEFORE ON 18 NOZZLES; FILLED SETTLERS FROM 4 PTS DP; ADDED 6 GALS L.O. To #2 FEED Pump; SECURED TURBT IN 3-7 TROOP HEAD (OVERHAULING) BRUSHES SPARKING EXCESSIVELY ON #1 GEN. CALLED CHIEF ENG. AND CH. ELECT.; STEAM ON To HEATING Coils 3# DP; STEERING GEAR CHANGED By JR.; MADE ROUNDS AND CHECKED ALL RUNNING MACH.; RETARDED CLOCKS 20 MINS @ 2300;

MN. Cond. .41 GPG

WATCH ENGR'S SIGNATURE- T Edwards

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS Before. Changed & Cleaned CENTER F.O. BURNERS & Stbd disch STRAINER. Retarded Clocks 20 MINS @0000 Shifted & CLEANED MAIN L.O. STRAINER. DAILY Test of Stby L.O. PUMP FOR 1-HR. Checked Steering E.R. GEAR. PUMPED Bilges. MADE ROUTINE INSPECTIONS of MACH & ENGT SPACES.

MN Cond .41 GPG

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH

Steaming as before on 18 nozz. at 0000 retarded Clocks (20 min) shifted and Cleaned main L.O. strainer. Changed & Cleaned bottom burner in #1 & 2 boilers. Pumped bilges and Cargo holes. shifted to outboard settler. Checked all machinery. Made routine inspection of outside spaces.

Main Condt. .41 G.P.G.

WATCH ENGR'S SIGNATURE- J M Jones

0800-1200 WATCH

STEAMING AS BEFORE ON 18 NOZZLES; PUMPED UP SETTLERS FROM 4 PTS DP; CHANGED AND CLEANED F.O. SUCT. STRAINER; CHANGED AND CLEANED GEN. L.O. STRAINERS; CHANGED AND CLEANED TOP BURNERS; BLEW TUBES @ 0815; JR. CHECKED STEERING GEAR AND STOPPED UP URINAL IN TROOP Comp. 3-2. CALLED OUT CH. PLUMBER B/O CH. ENG. MADE ROUNDS AND CHECKED ALL RUNNING MACH.

MN. Cond: .41 GPG.

WATCH ENGR'S SIGNATURE- T Edwards

CHIEF ENGINEER

BOILER WATER READINGS

WS STB'D-FS - PORT	WS- FS
124 HOURS 124	HOURS 124 - 124
AKL 9.34	AKL 8.18
T-AKL 14.60	T-AKL 12.24
SAL. 3.31	SAL. 3.31
PHOS. 40	PHOS. 35
R.ph 10.5	R.ph 10.5

CHIEF ENGR'S SIGNATURE- T Edwards

USNS: GEN JOHN POPE TAP-110 | VOYAGE NO.: 6-A | FROM: OAKLAND CALIF | TO: OKINAWA | TYPE OF VESSEL: P2-S2-R2 | DATE: 11-27-28-66

	WATCH 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
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1512 4460	1514 9680	1577 5130	1520 0610	1522 4070	1524 9640
TOTAL REVOLUTIONS (FOR WATCH)	23250	23220	25450	25480	25460	23570
AVERAGE RPM	96.9	96.7	97.1	97.0	97.9	98.2
F.O. METER (END OF WATCH)	1007 1380	1007 3910	1007 6700	1007 9490	1008 2260	1008 4880
F.O. CONSUMED	2530	2530	2790	2790	2770	2620

MACHINERY PARTICULARS — PRESSURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
THROTTLE	430	430	430	430	435	440
H.P. AHEAD	430	430	430	430	430	440
L.P. AHEAD	21	21	22	22	22	22
VACUUM	28.6"	28.2	28.2"	28.4	28.2	28.2"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	150	145	145	145	140	140
BACK PRESSURE	9	9	9	9	8	9
GLAND STEAM	2	2.5	3	2.5	3.5	2.5
H.P. BLEEDER	72	68	70	72	58	64
I.P. BLEEDER	-	7			6	
L.P. BLEEDER	14	11	13	13	11	13

MACHINERY PARTICULARS — TEMPERATURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
STEAM AT THROTTLE	690	695	695	690	690	685
L.P. EXHAUST	102	105	103	103	102	104
CONDENSATE	96	98	100	98	96	100
CIRC. WATER IN	74	73	75	76	74	76
CIRC. WATER OUT	86	86	86	87	86	86
L.O. TO COOLERS	127	128	126	127	127	126
L.O. FROM COOLERS	108	108	106	107	108	106
TEMPERATURE THRUST BEARING	117	120	117	117	117	118
FORWARD H.P. ROTOR BEARING	128	125	128	128	128	128

MACHINERY PARTICULARS (CONT'D) — TEMPERATURES (CONT'D)

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
AFT. H. P. ROTOR BEARING	134	135	135	135	136	135
FORWARD L. P. ROTOR BEARING	131	130	132	132	131	135
AFT. L.P. ROTOR BEARING	126	125	127	128	126	128
HOTTEST GEAR BEARING FORWARD	159	160	160	160	160	160
HOTTEST GEAR BEARING AFT	146	145	147	146	146	147
AUX. COND. CONDENSATE	96	104	102	98		106
1ST STAGE FEED WATER HEATER	156	156	155	157	154	156
D. C. FEED WATER HEATER	238	240	240	238	238	240
~~2ND STAGE FEED WATER HEATER~~ (RATER CLEARING) H.P. / L.P.	050 / 108					

BOILER PARTICULARS — TEMPERATURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
F.O. TO BURNERS P / S	190	190 / 190	195	190 / 195	190 / 180	193 / 191
F. O. BACK PRESSURE	10	15	12	10	10	11
PRESSURE AIR TO FURNACE P / S	5.5 / 4.5	5.0 / 3 P	5.6 / 3.5	5.5 / 4.0	6. / 3.	5.0 / 2.5
SALINITY	.111	.111		.141	.141	
MAIN STEAM	690	695	695	690	690	685

BOILER PARTICULARS — PRESSURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
SUPER HEAT	440	430	430	430	435	440
F.O. TO BURNERS P / S	200 / 196	200 / 180	190	190 / 195	190 / 200	195 / 200
F.O. TEMP. IN SETTLING TANKS P / S	116 / 112	116 / 112	107 / 112	108 / 104	116 / 112	110 / 120
PORT BOILER UPTAKE	335	325	330	335	335	320
STBD. BOILER UPTAKE	332	320	320	320	330	310

MISCELLANEOUS

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
ENGINE ROOM TEMPERATURE	80	80	80	79	80	84
FIRE ROOM TEMPERATURE	80	80	80	79	80	84
NOZZLES IN USE	18	18	18	18	18	18
NO. OF BURNERS IN USE	6	6	6	6	6	6
BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER					19 1/2 / 19	
CO_2 % STBD. BOILER					20 1/2 / 19	
OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"	1'2"		1'2"

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	1	1200	430	690	9	121	111		62	1050	1050	230
	2	1200	430	691	7	133	119		58	1150	1150	230
1600 TO 2000	1	1200	430	695	9	120	110		62	1250	1250	230
	2	1200	430	695	7	130	120		58	1250	1250	230
2000 TO 2400	1	1200	430	695	9	120	110		62	950	950	230
	2	1200	430	695	7	132	118		58	1050	1000	230
2400 TO 0400	1	1200	430	690	9	120	110		62	950	950	230
	2	1200	430	690	7	133	118		58	1000	1000	230
0400 TO 0800	1	1200	435	690	9	120	110		62	1000	1000	230
	2	1200	435	690	7	130	118		58	1000	1000	230
0800 TO 1200	1	1200	440	685	9	120	110		62	1200	1150	230
	2	1200	440	685	7	138	120		58	1150	1050	230

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10084880	BOILER WATER — ON HAND AT START OF DAY	85
	METER PREVIOUS NOON	10068860	EVAPORATED OR RECEIVED	57
	CONSUMED BY METER	16,020	ON HAND	106
	ON HAND AT START OF DAY	15,330	CONSUMED	36
	RECEIVED DURING DAY	-0-	LUBE OIL — ON HAND AT START OF DAY	3320
	EXPENDED DURING DAY	786	RECEIVED	-0-
	REMAINING ON BOARD	14544	ON HAND	20
DOMESTIC WATER	ON HAND AT START OF DAY	978	CONSUMED	3350
	EVAPORATED OR RECEIVED	150		1520
	ON HAND	903	ON HAND	1618
	CONSUMED	226		2

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	4	4 1/3	4 1/3	4 1/3	4

SUMMARY

RUNNING TIME	1500	PERCENT OF SLIP AVG.	Pos. 10.4
DETENTION TIME	-0-	BBL FUEL/MI	1.45 1.62
TOTAL REVOLUTIONS AVG.	144480	WIND DIRECTION	070°
AVERAGE R.P.M.	96.3	STATE OF SEA	Av. Smooth
TOTAL MILES BY ENGINE	539	STATE OF WEATHER	66°
TOTAL MILES BY OBSERVATION			

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ. MACH INOPERATION #1&2 Boilers 1&2 F.D. BLOWERS 1&2 MN F.W. PUMPS. 1&2 E.C.S. PUMPS. MAIN AIR Ejector. MN. CIRC PUMP. 2 MN COND. PMP. L.O. PURIFIER L.O.S. PUMP. 1&2 AUX GENERATORS. AUX AIR Ejector. COND. & CIRC PUMPS OVER to MAIN. FIRE & SAN PUMP. Tested OVERSPEED TRIP & LOW L.O. ALARM ON MN TURBINE & THROTT. PUMPED Bilges. Checked STEERING E.R. GEAR. Made Routine INSPECTIONS of MACH & ENG'S SPACES.

WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH

Steaming as before on 18 NOZZ. At 1600 blew tubes on #1&2 boilers, at 1700 shifted to outboard settler. At 1740, W.T. Doors Closed from bridge. Pumped bilges and Cargo holds. Checked all operating mach. Checked & inspected S.E. Room. Shifted and Cleaned Port F.O. strainer.

Main Cond't. .41

WATCH ENGR'S SIGNATURE- John Jones

2000-2400 WATCH

STEAMING AS BEFORE ON 18 NOZZLES; SHIFTED TO INBOARD SETTLER @ 2330; PUMPED up SETTLERS FROM 3 & DP.; ADDED 2 GALS L.O. TO #1 F.O. PUMP, AND 4 GALS L.O. TO #2 F.O. PUMP. J.P. CHECKED STEERING GEAR. MADE ROUNDS AND CHECKED all RUNNING MACH. CHANGED AND CLEANED GEN L.O. STRAINERS. RETARDED 20 MIN CHECKS @ 2330.

MN COND. .41 GPG

WATCH ENGR'S SIGNATURE- F.F. Edwards

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS Before. Changed & Cleaned Center F.O. burners & stbd disch STRAINER. Retarded Checks 20 MINS. @ 0100 Shifted & Cleaned MAIN L.O. STRAINER. DAILY test of stby L.O. PUMP FOR 1-hr. Held ENG'S CASUALTY drill B-2 Water IN Fuel Oil Watch INST & Bridge Notified 0130-0200. Checked Steering E.R. GEAR. PUMPED Bilges. LEAKING NIPPLE IN CUSHION CHAMBER RETURN LINE ON SUCT SIDE #1 MN FEED PUMP Est ASST Notified. Made Routine INSPECTIONS of MACH & ENG'S SPACES.

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH

Steaming as before on 18 NOZZ at 0420 retarded Checks (20 min) 0500 to 0530 held Casualty drill B-2 water in F.O. instructed the watch and notified the bridge. 0600 shifted F.O. suction to outboard settler. Changed and Cleaned bottom burner in #1&2 boilers. Checked S.E. room. Carried out Standing and Night orders.

WATCH ENGR'S SIGNATURE- John Jones

0800-1200 WATCH

STEAMING AS BEFORE ON 18 NOZZLES; BLEW TUBES @ 0815; SECURED #1 MN F.O. PUMP @ 0855 TO RENEW NIPPLE ON CUSHION CHAMBER SUCT. LINE; #1 MN F.O. PUMP BACK ON LINE @ 0935; CHANGED AND CLEANED TIP BURNERS; CHANGED AND CLEANED F.O. SUCT. STRAINER. PUMPED UP SETTLERS FROM 3 & DP.; CASUALTY DRILL B-2 WATER IN FUEL OIL 1000-1020 4 MACH PRESENT. MADE ROUNDS AND CHECKED all RUNNING MACH.; ADDED 2 GALS L.O. #2 MN F.O. PUMP; GEN. L.O. STRAINER CHANGED AND CLEANED.

MN. COND. .41 GPG

WATCH ENGR'S SIGNATURE- F.F. Edwards

CHIEF ENGINEER

BOILER WATER READINGS

W S	STB'D F.D.	PORT W S - F.S.
148	HOURS 148	HOURS 148 - 148
	AKL 7.01	AKL 6.42
	T-AKL 10.51	T-AKL 11.68
	SAL. 2.90	SAL. 3.31
	PHOS. 60	PHOS. 35
	R.ph 10.5	R.ph 10.5

CHIEF ENGR'S SIGNATURE- [signature]

USNS: Gen John Pope TAP-110 | VOYAGE NO.: 6-A | FROM: OAKLAND CALIF | TO: OKINAWA | TYPE OF VESSEL: P2-S2-R2 | DATE: 11-28-29-6

MACHINERY PARTICULARS

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	260	260	240	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1527 3030	1529 6610	1532 2100	1534 7620	1537 2910	1539 6290
TOTAL REVOLUTIONS (FOR WATCH)	23370	23580	25490	25520	25290	23380
AVERAGE RPM	97.5	98.0	98.0	98.1	97.2	97.4
F.O. METER (END OF WATCH)	1008 7490	1009 0030	1009 2800	1009 5700	1009 8460	1010 1160
F.O. CONSUMED	2610	2540	2770	2900	2760	2700

PRESSURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
THROTTLE	430	430	440	430	430	435
H.P. AHEAD	430	430	435	430	430	430
L.P. AHEAD	20	20	21	21	21	21
VACUUM	28.2	28"	28"	28"	28"	27.5"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	135	140	140	135	135
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	2	2	2.5	2.5	2	2.5
H.P. BLEEDER	72	72	74	72	74	74
I.P. BLEEDER	—	—	—	-	7	
L.P. BLEEDER	13	13"	13"	13"	11	13"

TEMPERATURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
STEAM AT THROTTLE	690	690	680	640	695	695
L.P. EXHAUST	102	102	102	102	102	103
CONDENSATE	95	96	99	98	96	99
CIRC. WATER IN	74	72	75	75	74	76
CIRC. WATER OUT	86	86	86	85	86	84
L.O. TO COOLERS	126	126	127	125	126	126
L.O. FROM COOLERS	106	106	107	107	106	106
TEMPERATURE THRUST BEARING	116	115	117	116	116	116
FORWARD H.P. ROTOR BEARING	130	125	127	128	128	130

MACHINERY PARTICULARS (CONT'D)

TEMPERATURES (CONT'D)

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
AFT. H. P. ROTOR BEARING	135	135	135	135	135	135
FORWARD L. P. ROTOR BEARING	132	130	132	132	130	132
AFT. L.P. ROTOR BEARING	128	125	129	128	125	127
HOTTEST GEAR BEARING FORWARD	160	160	160	160	160	160
HOTTEST GEAR BEARING AFT	145	145	147	145	145	147
AUX. COND. CONDENSATE P/S	105/104	102/105	102	98	105/104	103
1ST STAGE FEED WATER HEATER	152	156	160	158	156	156
D. C. FEED WATER HEATER	242	240	240	236	240	240
3RD STAGE FEED HTR. WATER HEATER CLEARANCE	.050 146					

BOILER PARTICULARS

TEMPERATURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
F.O. TO BURNERS P/S	174/180	175/175	190/190	185/180	175/186	186/195
F. O. BACK PRESSURE	15	15	13	12	12	10
AIR TO FURNACE PRESSURE P/S	5.0/3	5.0/3.0	4.8/3.0	5.2/4.6	5.2/3.3	5.6/3.6
SALINITY	.41	.41		.41	.41	
MAIN STEAM	690	698	680	690	695	695

PRESSURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
SUPER HEAT	430	430	440	440	430	435
F.O. TO BURNERS P/S	200/190	200/200	194/200	185/190	190/200	185/200
F.O. TEMP. IN SETTLING TANKS P/S	110/110	110/115	104/111	104/106	100/100	102/124
PORT BOILER UPTAKE	330	325	316	330	335	328
STBD. BOILER UPTAKE	315	320	316	320	330	321

MISCELLANEOUS

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
ENGINE ROOM TEMPERATURE	84	84	84	84	84	86
FIRE ROOM TEMPERATURE	84	84	84	84	84	86
NOZZLES IN USE	18	18	18	18	18	18
NO. OF BURNERS IN USE	6	6	6	6	6	6
BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER		-			19 1/4 %	
CO_2 % STBD. BOILER		-			20 1/4 %	
OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"	1'2"	1'2"	1'2"

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	1	1200	430	690	9	120	110		62	1250	1250	230
	2	1200	430	690	7	133	120		58	1150	1050	230
1600 TO 2000	1	1200	430	690	9	120	110		62	1100	1100	230
	2	1200	430	690	7	132	120		58	1100	1000	230
2000 TO 2400	1	1200	440	680	9	120	110		62	1000	1000	230
	2	1200	440	680	7	132	120		58	1100	1050	230
2400 TO 0400	1	1200	430	690	9	120	110		62	950	950	230
	2	1200	430	690	7	132	120		58	1000	1000	230
0400 TO 0800	1	1200	430	690	9	120	110		62	1150	1150	230
	2	1200	430	690	7	132	120		58	1000	1000	230
0800 TO 1200	1	1200	435	695	9	120	110		62	1250	1250	230
	2	1200	435	695	7	132	120		58	1200	1100	230

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10101160	BOILER WATER: ON HAND AT START OF DAY	106
	METER PREVIOUS NOON	10084880	EVAPORATED OR RECEIVED	55
	CONSUMED BY METER	16,280	ON HAND	115
	ON HAND AT START OF DAY	14,644	CONSUMED	46
	RECEIVED DURING DAY	767	LUBE OIL: ON HAND AT START OF DAY	3350
	EXPENDED DURING DAY	13,777	RECEIVED	-0-
	REMAINING ON BOARD		ON HAND	3340
DOMESTIC WATER	ON HAND AT START OF DAY	903	CONSUMED	10
	EVAPORATED OR RECEIVED	154		1518
	ON HAND	900	On Hand	1515
	CONSUMED	157		3

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	4	4 1/3	4 1/3	4 1/3	4

SUMMARY

RUNNING TIME	1500	PERCENT OF SLIP Pos.	9.07
DETENTION TIME	-0-	BBL FUEL/MI	1.42 1.56
TOTAL REVOLUTIONS AVG	144795	WIND DIRECTION	170
AVERAGE R.P.M.	96.5	STATE OF SEA	8 2/4 SWELL
TOTAL MILES BY ENGINE	540	STATE OF WEATHER	92°
TOTAL MILES BY OBSERVATION	491		

REMARKS

1200-1600 WATCH
UNDERWAY ON 18 NOZZ. MACH. INOPERATION #1&2 Boilers 1&2 F.D. BLOWERS 1&2 F.O.S. PUMPS. 1&2 MN F.D. pumps. MAIN AIR Ejector. MN CIRC PMP & MN COND PMP L.O. PURIFIER. L.O.S. PUMP. FIRE & SAN. PMP. AUX AIR Ejector. AUX CIRC & COND PMPS ~~OVER~~ to MAIN. Tested OVERSPEED TRIP. LOW L.O. ALARM ON MN TURBINE & THROTT. Checked Steering E.R. GEAR. pumped Bilges. Shifted F.O. Suct to PORT INBd @ 1540 Made Routine INSPECTIONS of MACH & ER SPACES. Added 2 GAL L.O. to #2 MN Feed Pump.

WATCH ENGR'S SIGNATURE- George Bunnes

1600-2000 WATCH
Steaming as before on 18 Nozz. 1600 to 1625 Isley Tubes On #1&2 boilers. Added 2 Gals oil to #2 Fuel Pump. Shifted And Cleaned bottom burner in #1&2 boilers. Checked all mach. inspected outside spaces. trouble Call from troop Compt. 3-2 - stopped up Commode Jr. Eng. Checked out same. Chief Eng. said leave till morning.

WATCH ENGR'S SIGNATURE- H M Jones

2000-2400 WATCH
STEAMING AS BEFORE ON 18 NOZZLES; FINISHED PUMPING UP SETTLERS FROM 3 PRS; CHANGED AND CLEANED GEN L.O. STRAINERS; MADE ROUNDS AND CHECKED ALL RUNNING MACH.; JR. CHECKED STEERING GEAR AND TOOK WATER SOUNDINGS. BRUSHES ON #1 GEN. SPARKING, CLEANED COMMUTATOR, SPARKING CLEARED UP.

MN. COND. .141 GPG

WATCH ENGR'S SIGNATURE- F. Edwards

2400-0400 WATCH
UNDERWAY ON 18 NOZZ MACH AS Before. Changed & CLEANED CENTER F.O. BURNERS & Stbd disch STRAINER. Shifted & CLEANED MAIN L.O. STRAINER. Retarded Clocks 20 MINS @ 0100 Daily test of Stby L.O. pump FOR 1-hr. Checked Steering E.R. GEAR. Pumped Cargo holds Bilges. Made Routine INSPECTIONS of MACH & ENG'S SPACES.

WATCH ENGR'S SIGNATURE- George Bunnes

0400-0800 WATCH
Steaming as before on 18 nozzles, at 0400 retarded Clocks (20) min. Changed and Cleaned bottom burners in #1&2 boilers at 0501 stby. 0527 LL. shifted and Cleaned main L.O. strainer. 0600 trouble Call from troop Compt. # 4-3, Ventilation out. Checked all operating mach at 0700, shifted F.O. Suct. to outboard settler.

WATCH ENGR'S SIGNATURE- H M Jones

0800-1200 WATCH
STEAMING AS BEFORE ON 18 NOZZLES; BLEW TUBES @ 0815; CHANGED AND CLEANED TOP BURNERS; CLEANED AND CHANGED F.O. SUCT STRAINER; PUMPED UP SETTLERS FROM 3 PRS; TOOK 2 MIN. DRAG ON 4 PRS ↑ & ↓; CLEANED AND CHANGED GEN. L.O. STRAINER; PUMPED OUT Stbd #3 S ↑ #4 S; MADE ROUNDS AND CHECKED ALL RUNNING MACH.; NOTIFIED ELECTRICIAN of STEPPER SUPPLY VENT IN TROOP COMP. 4-3.

MN. COND. .183 GPG.

WATCH ENGR'S SIGNATURE- F. Edwards

CHIEF ENGINEER

BOILER WATER READINGS

	STB'D		PORT	
WS	FS		WS -	FS.
172	HOURS 172		HOURS 172	-172
	AKL 7.01		AKL 7.59	
	T-AKL 11.68		T-AKL 11.10	
	SAL. 2.49		SAL. 3.31	
	PHOS. 38		PHOS. 38	
	R.ph 10.0		R.ph 10.0	

~~SO₃ - 10 SO₃~~ -

CHIEF ENGR'S SIGNATURE- [illegible]

Mer. day

USNS: Gen John Pope TAP-110 | VOYAGE NO.: 6-A | FROM: Oakland Calif | TO: Okinawa | TYPE OF VESSEL: P2-S2-R2 | DATE: 1 Dec. 66 – 11-29-66

MACHINERY PARTICULARS

	WATCH 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
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1541 9620	1544 2500	1546 6550	1548 8540	1551 1450	1563 4480
TOTAL REVOLUTIONS (FOR WATCH)	23310	22880	23150	22890	22910	23030
AVERAGE RPM	97.2	95.3	96.5	95.3	95.4	96.0
F.O. METER (END OF WATCH)	1010 3790	1010 6370	1010 9000	1011 1610	1011 4290	1011 6980
F.O. CONSUMED	2630	2580	2630	2610	2630	2740

PRESSURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
THROTTLE	430	435	435	435	430	435
H.P. AHEAD	430	430	430	430	430	430
L.P. AHEAD	21	22	22	22	23	23
VACUUM	28"	28"	28.2"	28.2"	28.2	28.2"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	140	140	140	140	135
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	2.5	3.5	3	3	3.5	3
H.P. BLEEDER	72	60	74	74	70	70
I.P. BLEEDER	–	7			7	
L.P. BLEEDER	13	11	13	13	11	13

TEMPERATURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
STEAM AT THROTTLE	690	695	690	680	700	690
L.P. EXHAUST	104	104	102	102	102	102
CONDENSATE	97	96	97	99	98	98
CIRC. WATER IN	73	74	76	73	72	74
CIRC. WATER OUT	86	86	84	86	84	84
L.O. TO COOLERS	126	126	126	126	126	126
L.O. FROM COOLERS	108	108	106	107	106	106
TEMPERATURE THRUST BEARING	116	116	117	116	116	116
FORWARD H.P. ROTOR BEARING	129	125	127	128	125	128

MACHINERY PARTICULARS (CONT'D) — TEMPERATURES (CONT'D)

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
AFT. H. P. ROTOR BEARING	135	135	135	135	135	135
FORWARD L. P. ROTOR BEARING	133	130	131	130	130	131
AFT. L.P. ROTOR BEARING	128	125	127	126	125	125
HOTTEST GEAR BEARING FORWARD	160	160	160	160	160	159
HOTTEST GEAR BEARING AFT	148	146	145	145	145	145
AUX. COND. P / CONDENSATE S	97	109 / 104	102	99	105 / 104	103
1ST STAGE FEED WATER HEATER	154	156	155	158	159	156
D. C. FEED WATER HEATER	238	242	236	236	240	239
~~2ND STAGE FEED WATER HEATER~~ Auxiliary Exhaust H.P. / L.P.	1050 / 186					

BOILER PARTICULARS — TEMPERATURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
F.O. TO BURNERS P / S	185	175 / 180	182 / 185	185 / 180	185 / 185	180 / 185
F. O. BACK PRESSURE	10	10	10	10	10	10
AIR TO FURNACE P (Pressure) / S	5.5 / 4.2	5.0 / 3.0	4.6 / 3.0	4.8 / 3.8	5.3 / 3.3	5.0 / 3.2
UPTAKE SALINITY MAIN. GND.	.41	.41	.41	.41	.41	.41
MAIN STEAM	690	695	690	680	700	690

BOILER PARTICULARS — PRESSURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
SUPER HEAT	448	435	435	440	430	435
F.O. TO BURNERS P / S	205 / 200	195 / 200	195 / 200	195 / 190	200 / 200	205
F.O. TEMP. IN SETTLING TANKS P / S	104 / 112	104 / 112	113 / 112	113 / 112	112 / 110	109 / 107
PORT BOILER UPTAKE	335	330	326	330	335	330
STBD. BOILER UPTAKE	325	315	317	330	335	320

MISCELLANEOUS

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
ENGINE ROOM TEMPERATURE	85	82	81	80	80	81
FIRE ROOM TEMPERATURE	85	82	81	80	80	81
NOZZLES IN USE	18	18	18	18	18	18
NO. OF BURNERS IN USE	6	6	6	6	6	6
BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER					19 4/10	
CO_2 % STBD. BOILER					20 1/10	
OIL LEVEL MAIN SUMP	1'2"	1'2		1'2"		1'2"

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	1	1200	430	690	9	120	110		62	1150	1150	230
	2	1200	430	690	7	132	120		58	1000	1000	230
1600 TO 2000	1	1200	435	695	9	120	110		62	1150	1150	230
	2	1200	435	695	7	132	120		58	1000	950	230
2000 TO 2400	1	1200	435	690	9	120	110		62	1000	1000	230
	2	1200	435	690	7	132	120		58	1200	1100	230
2400 TO 0400	1	1200	435	680	9	120	110		62	1050	1000	230
	2	1200	435	680	7	132	118		58	1100	1100	230
0400 TO 0800	1	1200	430	700	9	120	110		62	1000	1000	230
	2	1200	430	700	7	132	118		58	1250	1150	230
0800 TO 1200	1	1200	435	690	9	120	110		62	1150	1100	230
	2	1260	435	690	7	132	120		58	1300	1300	230

FUEL - WATER AND LUBE OIL

FUEL OIL

METER AT NOON	10116880
METER PREVIOUS NOON	10101160
CONSUMED BY METER	15720
ON HAND AT START OF DAY	13777
RECEIVED DURING DAY	– 0 –
EXPENDED DURING DAY	701
REMAINING ON BOARD	13076

DOMESTIC WATER

ON HAND AT START OF DAY	900
EVAPORATED OR RECEIVED	167
ON HAND	874
CONSUMED	193

BOILER WATER

ON HAND AT START OF DAY	115
EVAPORATED OR RECEIVED	20
ON HAND	102
CONSUMED	33

LUBE OIL

ON HAND AT START OF DAY	3340
RECEIVED	– 0 –
ON HAND	3320
CONSUMED	20
	1515
ON HAND	1512
	3

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	4	4	4	4	4

SUMMARY

RUNNING TIME	1440	PERCENT OF SLIP	Pos. 16.3
DETENTION TIME	– 0 –	BBL FUEL/MI	6.37 7.64
TOTAL REVOLUTIONS RPS	136,420	WIND DIRECTION	315
AVERAGE R.P.M.	94.7	STATE OF SEA	Moderate-Hvy Seas
TOTAL MILES BY ENGINE	509	STATE OF WEATHER	690
TOTAL MILES BY OBSERVATION	426		

REMARKS

1200-1600 WATCH

UNDERWAY ON 18 NOZZ MACH IN OPERATION. #1&2 BOILERS 1&2 F.D. BLOWERS 1&2 F.O.S. PUMPS. 1&2 MN. FEED PUMPS. MAIN AIR EJECTOR. MN. CIRC. PUMP. 2 MN. COND PMP. L.O.S. PUMP. L.O. PURIFIER. FIRE & SAN. PUMP. 1&2 AUX GENERATORS. AUX AIR EJECTOR. CIRC & COND PMPS ~~OVER~~ to MAIN. PORT STEERING GEAR. Tested OVERSPEED. trip & LOW L.O. ALARM ON MN. TURBINE & THROTT. Checked Steering E.R. GEAR. Pumped CARGO holds Bilges. RUN & Tested A.C. unit. Fire drill @ 1515 SEC @ 1525 Boat Drill @ 1529 SEC. @ 1541 Stby @ 1515 ~~LH~~ @ 1542 Shifted F.O. SUCT to PORT SVBD SETT @ 1530

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH

Steaming as before on 18 NOZZ. 1555 to 1615 blew tubes on #1&2 boilers. Added 4 gal. oil to #1 main fuel Pump. Eng. dept. Safety Meeting 46 men Present. F.C. QUINN Ch. ENGR. Conducted. Duration of Meeting. 1545 to 1615. Changed And Cleaned bottom burner in #1&2 boiler. Checked operating Mech. inspected S.E. Room

Conditions normal.

WATCH ENGR'S SIGNATURE- Thm Jones

2000-2400 WATCH

STEAMING AS BEFORE ON 18 NOZZLES; EXCESSIVE SPARKING OF BRUSHES #1 GEN. CLEANED COMMUTATOR AND LOWERED BRUSHES BUT SPARKING DECREASED TO ALMOST NON-EXISTANT. CLEANED AND CHANGED GEN. L.O. STRAINERS; ADDED 2 GALS L.O. TO #1 FD. PUMP; PUMPED OUT BILGES HOLDS #1, 2, 3, 4 S AND #4 P; JR. CHECKED STEERING GEAR AND ADDED OIL TO REPEAT BACK TANK. MADE ROUNDS AND CHECKED ALL RUNNING MACH. PUMPED UP SETTLERS FROM #3 P & S DB;

WATCH ENGR'S SIGNATURE- F. E. Quinn

2400-0400 WATCH

UNDERWAY ON 18 NOZZ MACH AS BEFORE. DD to CROSSING the DATE LINE ADVANCED ALL CLOCKS 24 HRS FOR 12-1-66. Changed & CLEANED CENTER F.O. BURNERS & STBD DISCH. STRAINER. DAILY test of STBY L.O. PUMP FOR 1-HR. Shifted & CLEANED MAIN L.O. STRAINERS. HELD ENG'S CASUALTY DRILL B-3 LOSS of FEED PUMP SUCT WATCH INST & BRIDGE NOTIFIED 0130-0200. Checked STEERING E.R. GEAR. PUMPED CARGO holds Bilges. MADE ROUTINE inspections of MACH & ENGS SPACES

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH

Steaming as before on 18 nozzles. Changed and Cleaned bottom burners in #1&2 boilers. shifted and Cleaned main L.O. Strainers. 0500 to 0530 held Casualty drill B-3. loss of feed Pressure. Eng. room Personnel instructed. Bridge notified. Checked all operating mach. June #2 boiler bottom blow for 1hr. due to high Alkalinity. at 0700 shifted F.O. Suction to outboard settler.

WATCH ENGR'S SIGNATURE- Thm Jones

0800-1200 WATCH

STEAMING AS BEFORE ON 18 NOZZLES; BLEW TUBES @ 0810. CHANGED AND CLEANED TOP BURNERS; CHANGED AND CLEANED F.O. SUCT. STRAINER; CHANGED AND CLEANED GEN. L.O. STRAINERS PUMPED UP SETTLERS FROM #3 P & S DB.; BRUSHES SPARKING EXCESSIVELY #1 GEN. CALLED CHIEF ELECT.; PUMPED OUT BILGE HOLDS #3 P & S AND #4 P.; HELD CASUALTY DRILL B-3 LOSS OF FEED PUMP PRESS 4 MEN PRESENT. MADE ROUNDS AND CHECKED ALL RUNNING MACH.; JR. CHECKED STEERING GEAR;

WATCH ENGR'S SIGNATURE- F. E. Quinn

CHIEF ENGINEER

BOILER WATER READINGS

W S	STB'D F S	PORT W S - F S
201	HOURS 201	HOURS 201 - 201
	AKL 7.57	AKL 11.16
	T-AKL 13.43	T-AKL 16.30
	SAL. 290	SAL. 373
	PHOS. 38	PHOS. 53
	R.ph 10.0	R.ph 10.0

CHIEF ENGR'S SIGNATURE- Robert Jones

USNS: GEN JOHN POPE TAP-110 | VOYAGE NO.: 6-A | FROM: OAKLAND CALIF | TO: OKINAWA | TYPE OF VESSEL: P2-S2-R2 | DATE: 12-1-2-66

	WATCH 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
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	1555 7150	1557 9840	1560 2780	1562 5520	1564 7870	1567 0540
TOTAL REVOLUTIONS (FOR WATCH)	22670	22690	22940	22740	22350	22670
AVERAGE RPM	94.5	94.5	95.6	94.7	93.1	94.5
F.O. METER (END OF WATCH)	1011 9560	1012 2050	1012 4590	1012 7100	1012 9570	1013 2190
F.O. CONSUMED	2580	2490	2540	2510	2470	2620

MACHINERY PARTICULARS — PRESSURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
THROTTLE	430	430	435	430	430	435
H.P. AHEAD	430	430	430	430	430	430
L.P. AHEAD	21	20	20	21	21	21
VACUUM	28"	28"	28"	28"	27.5	27.8"
L.O. TO TURBINES	12	12	12	12	12	12
AUX. STEAM	140	145	140	140	145	140
BACK PRESSURE	9	9	9	9	9	9
GLAND STEAM	2.5	2.5	2	2.5	2	2.5
H.P. BLEEDER	72	70	74	74	64	66
I.P. BLEEDER		7			7	
L.P. BLEEDER	13	61	13	13	11	13

MACHINERY PARTICULARS — TEMPERATURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
STEAM AT THROTTLE	690	695	690	690	700	700
L.P. EXHAUST	104	105	102	102	102	105
CONDENSATE	97	96	98	97	97	104
CIRC. WATER IN	78	74	72	72	73	73
CIRC. WATER OUT	86	86	85	86	86	85
L.O. TO COOLERS	126	125	126	125	125	126
L.O. FROM COOLERS	108	106	106	107	106	106
TEMPERATURE THRUST BEARING	116	116	116	116	116	116
FORWARD H.P. ROTOR BEARING	129	125	127	125	125	128

MACHINERY PARTICULARS (CONT'D) — TEMPERATURES (CONT'D)

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
AFT. H. P. ROTOR BEARING	135	135	135	135	135	135
FORWARD L. P. ROTOR BEARING	133	130	129	131	130	131
AFT. L.P. ROTOR BEARING	128	125	126	125	125	127
HOTTEST GEAR BEARING FORWARD	160	160	160	158	158	159
HOTTEST GEAR BEARING AFT	146	145	146	145	145	145
AUX. COND. CONDENSATE 1	97	sec	113	113	sec	116
AUX. COND. CONDENSATE 2		115			115	
1ST STAGE FEED WATER HEATER	158	158	160	158	158	160
D. C. FEED WATER HEATER	238	238	240	240	240	238
3RD STAGE FEED WATER HEATER (Rate of Change)	.050 169					

BOILER PARTICULARS — TEMPERATURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
F.O. TO BURNERS P	185	185	182	185	190	190
F.O. TO BURNERS S	185	190	185	185	180	185
F. O. BACK PRESSURE	10	10	10	10	12	11
PRESSURE AIR TO FURNACE P	5.6	5.7	5.3	5.0	5.3	4.6
PRESSURE AIR TO FURNACE S	4.2	3.3	3.2	3.8	3.3	3.8
SMOKE METER	.41	.41	.53	.41	.41	.41
MAIN STEAM	690	695		690	700	700

BOILER PARTICULARS — PRESSURES

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
SUPER HEAT	440	430	435	435	430	435
F.O. TO BURNERS P	205	200	205	200	200	185
F.O. TO BURNERS S	200	180	185	185	180	
F.O. TEMP. IN SETTLING TANKS P	102	102	103	104	105	98
F.O. TEMP. IN SETTLING TANKS S	104	104	107	104	104	102
PORT BOILER UPTAKE	335	335	335	335	335	335
STBD. BOILER UPTAKE	325	325	320	330	325	325

MISCELLANEOUS

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
ENGINE ROOM TEMPERATURE	82	80	81	81	82	82
FIRE ROOM TEMPERATURE	82	80	81	81	82	82
NOZZLES IN USE	18	18	15	18	18	18
NO. OF BURNERS IN USE	6	6	6	6	6	6
BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
CO_2 % PORT BOILER					19¼%	
CO_2 % STBD. BOILER					20¼%	
OIL LEVEL MAIN SUMP	1'2"	1'2"	1'2"	1'2"	1'4"	1'2"

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	1	1200	430	690	9	120	110		62	1150	1150	230
	2	1200	430	690	7	131	119		58	1250	1200	230
1600 TO 2000	1		sec									
	2	1200	430	695	7	134	118		58	1500	1500	230
2000 TO 2400	1	Secured										
	2	1200	435	690	7	134	120		55	1450	1350	230
2400 TO 0400	2	1200	430	690	7	134	120		58	1350	1350	230
0400 TO 0800	1				sec							
	2	1200	430	700	7	134	120		58	1500	1450	230
0800 TO 1200	1	Secured										
	2	1200	435	700	7	134	120		58	1600	1550	230

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	10132190	BOILER WATER — ON HAND AT START OF DAY	102
	METER PREVIOUS NOON	10116980	EVAPORATED OR RECEIVED	52
	CONSUMED BY METER	15210	ON HAND	108
	ON HAND AT START OF DAY	13076	CONSUMED	46
	RECEIVED DURING DAY	-0-	LUBE OIL — ON HAND AT START OF DAY	3320
	EXPENDED DURING DAY	703	RECEIVED	-0-
	REMAINING ON BOARD	12373	ON HAND	3300
DOMESTIC WATER	ON HAND AT START OF DAY	874	CONSUMED	20
	EVAPORATED OR RECEIVED	138		1512
	ON HAND	851	On Hand	1510
	CONSUMED	161		2

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	4	4	4	4	4

SUMMARY

RUNNING TIME	1440	PERCENT OF SLIP POS	14.34
DETENTION TIME	-0-	BBL FUEL/MI	1.39 1.63
TOTAL REVOLUTIONS (PROPS)	134645	WIND DIRECTION	350
AVERAGE R.P.M.	93.5	STATE OF SEA	Rough
TOTAL MILES BY ENGINE	502	STATE OF WEATHER	69°
TOTAL MILES BY OBSERVATION	430		

REMARKS

1200-1600 WATCH Underway on 18 Nozz. Mach in operation. #1+2 Boilers 1+2 F.D. Blowers 1+2 F.O.S. pumps. 1+2 MN Feed Pmps. MN Air Ejector. MN Circ Pmp. 2 MN Cond pump L.O. purifier. L.O.S. pump. Fire+San pump. 1+2 Aux Generators. Aux Air Ejectors. Aux Circ + Cond pumps ~~over~~ to Main. Port Steering Gear. Tested overspeed trip + Low L.O. alarm on MN Turbine + Throtl. Checked Steering ER. Gear. Pumped Cargo holds Bilges. Chief Elect + Chief Engr. Checked out 1+2 Aux Generators. Secured #1 Aux Gen @ 1650 Made Routine inspections of Mach + Engr spaces.

WATCH ENGR'S SIGNATURE: Henry Burney

1600-2000 WATCH Steaming as before on 18 nozzles. Blowed tubes from 1555 to 1615 on #1 + 2 boilers. Changed and Cleaned bottom burner in #1+2 boilers. Shifted and Cleaned F.O. strainer, Port Discharge. Pumped out bilges + Cargo holes. Checked all machinery. Carried out standing and night orders.

WATCH ENGR'S SIGNATURE: Hm James

2000-2400 WATCH Steaming as before on 18 nozzles; Pumped Settlers up from 2 P+S DB; Changed and cleaned Gen. L.O. Strainer; Cracked Steam to 4 P+S DB.; Jr. Checked Steering Gear and took water soundings; Made Rounds and checked all Running Mach.;

WATCH ENGR'S SIGNATURE: T. Edwards

2400-0400 WATCH Underway on 18 Nozz Mach as before. Changed + Cleaned Center F.O. burners + stbd disch strainer. Shifted + Cleaned Main L.O. disch Strainer. Daily test of stby L.O. pump for 1hr. Pumped Cargo holds Bilges. Checked steering ER. Gear. Shifted F.O. to port inbd sett @ 0330 Made Routine Inspections of Mach + Engr spaces.

WATCH ENGR'S SIGNATURE: Henry Burney

0400-0800 WATCH Steaming as before on 18 nozzles. Changed bottom burner in #1+2 boilers. Shifted and Cleaned main L.O. strainer. Gave #1 boiler bottom blow for (10 min) Pumped out bilges. Checked all operating mach.

Conditions normal

WATCH ENGR'S SIGNATURE: Hm Jones

0800-1200 WATCH Steaming as before on 18 nozzles, Blew tubes @ 0515; Changed and cleaned Top Burners; Changed and cleaned F.O. Suct. Strainer; Changed and cleaned #2 Gen. L.O. Strainer; Pumped up Settlers from #2 P+S DB., Temp Corp. 4-4 reported water leak in overhead, Plumber notified; Added 2 Cans [illegible] to each MN F.D. Pump. Made Rounds and Checked all Running Mach.; Chief Reefer [illegible] all dampers checked in both summer and winter positions. Pumped out bilges #2, 5, 4 S and 4 P.

WATCH ENGR'S SIGNATURE: T. Edwards

CHIEF ENGINEER Refrigeration Engineer completed checking & setting make-up air dampers throughout ship on all air conditioning units

BOILER WATER READINGS

STB'D	PORT
STB'D FS	PORT WS - FS
HOURS 225	HOURS 225 - 225
AKL 16.35	AKL 5.84
T-AKL 22.19	T-AKL 11.68
SAL. 5.80	SAL. 1.24
PHOS. 60	PHOS. 20
R.ph 10.5	R.ph 10.0

105 225

CHIEF ENGR'S SIGNATURE: [illegible]

USNS | VOYAGE NO. | FROM | TO | TYPE OF VESSEL | DATE

MACHINERY PARTICULARS

	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						
PRESSURES — H.P. AHEAD						
PRESSURES — L.P. AHEAD						
PRESSURES — VACUUM						
PRESSURES — L.O. TO TURBINES						
PRESSURES — AUX. STEAM						
PRESSURES — BACK PRESSURE						
PRESSURES — GLAND STEAM						
PRESSURES — H.P. BLEEDER						
PRESSURES — I.P. BLEEDER						
PRESSURES — L.P. BLEEDER						
TEMPERATURES — STEAM AT THROTTLE						
TEMPERATURES — L.P. EXHAUST						
TEMPERATURES — CONDENSATE						
TEMPERATURES — CIRC. WATER IN						
TEMPERATURES — CIRC. WATER OUT						
TEMPERATURES — L.O. TO COOLERS						
TEMPERATURES — L.O. FROM COOLERS						
TEMPERATURES — TEMPERATURE THRUST BEARING						
TEMPERATURES — FORWARD H.P. ROTOR BEARING						

MACHINERY PARTICULARS (CONT'D)

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES (CONT'D) — AFT. H. P. ROTOR BEARING						
FORWARD L. P. ROTOR BEARING						
AFT. L.P. ROTOR BEARING						
HOTTEST GEAR BEARING FORWARD						
HOTTEST GEAR BEARING AFT						
AUX. COND. CONDENSATE						
1ST STAGE FEED WATER HEATER						
O. C. FEED WATER HEATER						
3RD STAGE FEED WATER HEATER						

BOILER PARTICULARS

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
TEMPERATURES — F.O. TO BURNERS						
TEMPERATURES — F. O. BACK PRESSURE						
TEMPERATURES — AIR TO FURNACE						
TEMPERATURES — UPTAKE						
TEMPERATURES — MAIN STEAM						
PRESSURES — SUPER HEAT						
PRESSURES — F.O. TO BURNERS						
PRESSURES — F.O. TEMP. IN SETTLING TANKS						
PRESSURES — PORT BOILER UPTAKE						
PRESSURES — STBD. BOILER UPTAKE						

MISCELLANEOUS

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
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

FUEL OIL	METER AT NOON		BOILER WATER	ON HAND AT START OF DAY: 108
	METER PREVIOUS NOON: 10132140			EVAPORATED OR RECEIVED
	CONSUMED BY METER			ON HAND
	ON HAND AT START OF DAY: 12,373			CONSUMED
	RECEIVED DURING DAY		LUBE OIL	ON HAND AT START OF DAY: 3300
	EXPENDED DURING DAY			RECEIVED
	REMAINING ON BOARD			ON HAND
DOMESTIC WATER	ON HAND AT START OF DAY: 857			CONSUMED: 1510
	EVAPORATED OR RECEIVED			
	ON HAND			
	CONSUMED			

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

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200

SUMMARY

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

Nov. 27 + 28

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
29. L.O. PRES #1	9	9			9	9	9	9	9	9	9	9	9				9	9	9	9	9	9	9	
28. L.O. PRES #2	7	7			7	7	7	7	7	7	7	7	7				7	7	7	7	7	7	7	
31. L.O. TO COOLER #1	120	120			119	120	120	120	120	120	120	121	121				120	120	120	120	120	120	120	
30. L.O. TO COOLER #2	134	134			130	130	130	130	130	133	133	134	133				130	130	130	132	132	132	132	
33. L.O.FROM COOLER #1	110	110			110	110	110	110	110	110	110	111	111				110	110	110	110	110	110	110	
32. L.O.FROM COOLER #2	118	118			118	118	118	118	118	119	120	119	119				118	119	120	118	118	118	118	
35. L.O. GOV PRES #1	62	62			62	62	62	62	62	62	62	62	62				62	62	62	62	62	62	62	
34. L.O. GOV PRES #2	58	58			58	58	58	58	58	58	58	58	58				58	58	58	58	58	58	58	
37. AMPS POS #1	1100	850			950	950	1150	1000	1000	1100	1100	1000	1150				1250	1000	1250	950	950	950	950	
36. AMPS POS #2	1000	1100			1000	1250	1000	1100	1100	1150	1150	1300	1200				1250	1150	1250	1050	1050	1050	1050	
39. AMPS NEG #1	1050	850			950	950	1000	1000	1000	1150	1150	1000	1150				1150	1250	1250	950	950	950	950	
38. AMPS NEG #2	900	1000			1200	1250	1000	1050	1050	1050	1050	1150	1050				1150	1250	1250	1000	1000	1000	1000	
41. HP HIGH SPEED PIN. AFT	145	145			145	145	145	147	147	147	147	145	146				145	145	145	147	147	147	147	
42. HP INTER SPEED PIN FWD	145	144			144	145	145	143	143	143	143	145	144				145	145	145	145	145	144	144	
43. HP INTER SPEED PIN AFT	145	145			145	145	145	145	145	145	145	145	145				143	145	145	145	145	146	146	
44. L.P. THRUST BEARING	132	132			135	130	130	131	131	132	132	128	132				135	135	135	132	132	132	132	
45. H.P. THRUST BEARING	146	145			145	145	146	147	147	147	147	146	146				145	145	145	147	147	147	147	
46. LP HIGH SPEED PIN. FWD	134	134			130	130	130	132	132	132	132	132	132				130	130	130	133	133	133	133	
47. LP HIGH SPEED PIN. AFT	130	130			130	130	130	130	130	130	130	130	130				130	130	130	130	130	130	130	
48. LP INTER SPEED PIN FWD	150				150	150	150	150	150	150	150	150	150				150	150	150	150	150	150	150	
49. LP INTER SPEED PIN. AFT	130				130	130	130	130	130	130	130	130	130				130	130	130	130	130	130	130	
50. MAIN GEAR ROTOR FWD					115	115	115	114	114	114	114						115	115	115	117	117	114	114	
51. MAIN GEAR ROTOR AFT					110	110	110	108	108	109	109						105	110	110	111	110	108	108	
52. LP BLEAD	9	10			10	10	10	10	10	10	10	9	9				10	10	10	10	10	10	10	

Nov 27 + 28

	TIME	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
1.	L.P. EXHAUST TEMP	103	103			102	102	102	103	103	104	104	102	102	102			105	105	105	103	103	103	103	
2.	MN COND STE TEMP	99	98			98	98	98	98	98	100	100	96	96				96	98	98	99	99	100	100	
3.	MN INJ TEMP	76	76			74	74	74	74	74	76	76	74	74				72	72	73	73	73	74	74	
4.	MN OVBD TEMP	87	89			88	88	88	86	86	86	86	86	86				86	86	86	86	86	86	86	
5.	L.O. TO COOLERS	126	127			128	128	128	128	128	126	126	126	127				127	128	128	128	128	126	126	
6.	L.O. FROM COOLERS	107	107			107	108	108	108	109	106	106	106	108				108	108	108	108	108	106	106	
7.	THRUST BNG TEMP	117	117			120	120	120	118	118	118	118	116	117				120	120	120	120	120	117	117	
8.	FWD H.P. ROTOR BNG	128	128			125	125	125	128	128	128	128	126	128				125	125	125	128	128	128	128	
9.	AFT H.P. ROTOR BNG	136	136			135	135	135	135	135	135	135	135	136				130	135	135	135	135	135	135	
10.	FWD L.P. ROTOR BNG	133	132			130	130	130	132	132	135	135	131	131				130	130	130	133	133	132	132	
11.	AFT L.P. ROTOR BRG	126	128			125	125	125	128	128	128	128	125	126				125	125	125	128	128	127	127	
12.	HOT GEAR BRG FWD	160	160			160	160	160	160	160	160	160	160	160				160	160	160	160	160	160	160	
13.	HOT GEAR BRG AFT	145	145			145	145	145	147	147	147	147	145	146				145	145	145	147	147	147	147	
14.	AUX COND STE TEMP					110	110	110	102	102	106	106						106	104	104	103	103	102	102	
15.	1ST STAGE AIR TEMP					158	158	158	158	158	158	158		157				157	157	158	158	158	158	158	
16.	D.C. HEATER TEMP	240	238			240	240	240	240	240	240	240	240	238				238	235	240	240	240	240	240	
17.	SUPRHT TEMP PORT	640	640			650	650	650	645	645	640	640	650	650				650	645	650	635	635	640	640	
18.	SUPRHT TEMP STBD	690	690			690	690	690	690	690	670	670	665	690				680	650	650	680	680	690	690	
19.	F.O. SETT TEMP P	108	108			100	104	104	104	104	110	110	116	116				120	110	116	112	112	112	112	
20.	F.O. SETT TEMP S	108	104			105	105	105	108	108	110	110	112	112				110	112	112	105	105	105	108	
21.	UPTAKE PORT	340	335			335	335	335	330	330	330	330	325	335				332	330	330	325	325	3	332	
22.	UPTAKE STBD	320	320			330	325	320	320	320	310	310	320	330				320	330	320	318	318	320	320	
23.	F.O. PUMP SUCT TEMP	110	110			110	110	110	110	110	110	110	130	130				130	125	125	124	124	124	124	
24.	MN FD PMP L.O PORT	32	32			32	32	32	32	32	32	32	32	32				32	32	32	32	32	32	32	
25.	MN FD PMP L.O STBD	20	25			20	20	20	20	20	20	20	20	20				20	20	20	25	20	20	20	
26.	L.O. TO GEARS	18	19			110	110	110	110	110	110	110	18	18				110	110	110	110	110	110	110	
27.	AIR COMPR L.O. PRESS																								

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
29. L.O. PRES #1												7		7					sec					
28. L.O. PRES #2	7		7	7	7	7	7	7	7	7	7	7		7		7	7	7	7	7	7	7	7	
31. L.O. TO COOLER #1												120		120					sec					
30. L.O. TO COOLER #2	134		134	134	134	134	134	134	134	134	134	132		132		132	134	134	134	134	134	134	134	
33. L.O.FROM COOLER #1												110		110					sec					
32. L.O.FROM COOLER #2	120		120	118	118	118	118	120	120	120	120	120		120		118	118	118	118	118	118	120	120	
35. L.O. GOV PRES #1												62		62					sec					
34. L.O. GOV PRES #2	58		58	58	58	58	58	58	58	58	58	58		58		58	58	58	58	58	58	58	58	
37. AMPS POS #1												1100		1150					sec					
36. AMPS POS #2	1350		1350	1250	1500	1250	1500	1600	1600	1600	1600	1250		1250		1500	1500	1450	1500	1600	1700	1400	1450	
39. AMPS NEG #1												1100		1150					sec					
38. AMPS NEG #2	1250		1250	1250	1500	1250	1450	1550	1550	1550	1550	1200		1150		1500	1500	1450	1500	1600	1700	1350	1350	
41. HP HIGH SPEED PIN. AFT	145		145	145	145	145	145	145	145	145	145	145		145		145	145	145	145	145	145	146	146	
42. HP INTER SPEED PIN FWD	142		140	140	140	140	140	140	140	140	140	140		140		140	140	140	140	140	140	140	140	
43. HP INTER SPEED PIN AFT	145		145	145	145	145	145	145	145	145	145	145		145		140	140	140	140	144	144	144	144	
44. L.P. THRUST BEARING	128		128	128	128	128	128	128	128	128	128	128		128		128	128	130	130	130	130	132	132	
45. H.P. THRUST BEARING	145		145	145	145	145	145	146	146	145	145	138		145		145	145	145	145	145	145	146	146	
46. LP HIGH SPEED PIN. FWD	132		132	132	132	132	132	132	132	132	132	132		132		132	132	132	132	132	132	132	132	
47. LP HIGH SPEED PIN. AFT	130		130	130	130	130	130	130	130	130	130	128		130		130	130	130	130	130	130	130	130	
48. LP INTER SPEED PIN FWD	150		150	150	145	145	145	146	146	145	145	148		148		150	150	150	150	150	150	150	150	
49. LP INTER SPEED PIN. AFT	130		130	130	130	130	130	130	130	128	128	130		130		130	130	130	130	130	130	130	130	
50. MAIN GEAR ROTOR FWD				115	115	115	115	115	115	114	114					115	115	115	115	115	115	114	114	
51. MAIN GEAR ROTOR AFT				105	105	105	105	106	106	104	104					110	110	110	110	110	110	107	106	
52. LP BLEED	10		10	10	10	10	10	10	10	10	10	9		10		10	10	10	10	10	10	10	10	

	TIME	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
1.	L.P. EXHAUST TEMP	102		102	102	102	102	102	103	104	105	101	101		103		105	105	105	105	107	107	107	107	
2.	MN COND STE TEMP	97		97	94	96	98	97	100	100	101	104	94		97		94	95	96	96	98	98	98	98	
3.	MN INJ TEMP	72		72	73	72	73	73	73	73	73	73	72		74		74	74	74	74	74	74	74	74	
4.	MN OVBD TEMP	86		86	86	86	86	86	86	84	85	85	84		86		86	86	86	86	84	84	85	85	
5.	L.O. TO COOLERS	126		125	126	126	125	125	126	126	126	126	124		125		125	125	125	125	126	126	126	126	
6.	L.O. FROM COOLERS	108		107	106	106	106	106	106	106	106	106	106		107		106	106	106	106	106	106	106	106	
7.	THRUST BRG TEMP	116		116	116	116	116	116	116	116	116	116	115		116		116	116	116	116	116	116	116	116	
8.	FWD H.P. ROTOR BRG	125		125	125	125	125	125	128	128	128	128	125		125		125	125	125	125	127	127	126	127	
9.	AFT H.P. ROTOR BRG	135		135	135	135	135	135	135	135	135	135	135		135		135	135	135	135	135	135	135	135	
10.	FWD L.P. ROTOR BRG	131		131	130	130	130	130	131	131	131	131	130		130		130	130	130	130	130	130	129	129	
11.	AFT L.P. ROTOR BRG	125		125	125	125	125	125	127	127	127	127	125		125		125	125	125	125	125	127	126	126	
12.	HOT GEAR BRG FWD	158		158	158	158	158	158	160	159	159	159	155		160		160	160	160	160	160	160	160	160	
13.	HOT GEAR BRG AFT	145		145	145	145	145	145	145	145	145	145	145		145		145	145	145	145	145	145	146	146	
14.	AUX COND STE TEMP				115	115	115	115	115	115	116	118	105			P 9	115 104	113	115	115		115	113	113	
15.	1ST STAGE AIR TEMP			158	158	160	160	158	156	156	160	160	1				156	156	158	158	156	157	158	160	
16.	D.C. HEATER TEMP	236		240	240	240	240	240	236	236	238	238	240		238		240	238	238	238	240	240	240	240	
17.	SUPRHT TEMP PORT	650		660	660	655	655	655	655	655	657	657	650		640		655	650	650	650	650	650	650	650	
18.	SUPRHT TEMP STBD	690		700	700	700	700	700	710	700	700	700	700		690		690	690	690	700	695	695	685	685	
19.	F.O. SETT TEMP P	104		104	104	105	105	105	101	100	98	98	102		102		102	102	102	102	100	100	103	103	
20.	F.O. SETT TEMP S	104		104	104	104	104	104	104	102	102	102	106		104		104	104	104	104	108	108	107	107	
21.	UPTAKE PORT	335		335	335	335	335	335	335	337	335	337	335		335		335	330	330	335	335	335	335	335	
22.	UPTAKE STBD	320		330	325	325	325	325	315	314	315	315	325		325	3	330	320	320	325	320	320	320	320	
23.	F.O. PUMP SUCT TEMP	110		110	108	108	108	108	110	110	108	108	110		108		110	108	108	110	110	110	112	112	
24.	MN FD PMP L.O PORT	32		32	32	32	32	32	32	32	32	32	32		32		32	32	32	32	32	32	32	32	
25.	MN FD PMP L.O STBD	20		20	20	25	25	20	20	20	20	20	20		20		20	20	20	20	20	20	20	20	
26.	L.O. TO GEARS	18		18	18 110	18 110	18 110	18 110	110	110	110	110	18		18		18 110	18 110	18 110	18 110	110	110	110	110	
27.	AIR COMPR L.O. PRESS																								

CENTRIFUGAL AIR CONDITIONING COMPRESSOR LOG

DATE 9-29

TIME	PRESSURE: STEAM TO THROTTLE	PRESSURE: STEAM TO NOZZLE	PRESSURE: STEAM TO EXHAUST	PRESSURE: STEAM & LUBE OIL	PRESSURE: PURGE UNIT	PRESSURE: COMPRESSOR LUBE OIL	PRESSURE: SUCTION	PRESSURE: DISCHARGE	TEMPERATURE: COND WATER IN	TEMPERATURE: COND WATER OUT	TEMPERATURE: CHILLED WATER IN	TEMPERATURE: CHILLED WATER OUT	TEMPERATURE: L.O. TEMP	TEMPERATURE: FREON IN COMPRESSOR	TEMPERATURE: COND WATER IN	TEMPERATURE: COND WATER OUT	TEMPERATURE: CHILLED WATER IN	TEMPERATURE: CHILLED WATER OUT	TEMPERATURE: BEARING LINE	TEMPERATURE: BEARING THRUST	SPEED RPM	REMARKS
																						1200–1600
																						Kumpo
1200	440	390	13	11	ON	14.5	18	12.5	15	6	25	46	120	112	84	91	50	45	140	82	3900	
1300	440	390	—	11	ON	14.5	18	13.5	15	5	25	46	120	112	84	92	50	45	140	82	3900	1600–2000
1400	440	390	—	11	ON	15	18	12.5	15	6	25	46	120	112	84	92	50	45	140	82	3900	
1500	410	36	—	11	ON	14	18	13	15	5	25	46	120	110	84	90	50	45	140	82	3850	
																						Mann
1600	440	390	13	11	on	15	18	13	15	5	25	46	121	111	84	90	50	45	140	84	3900	2000–2400
1700	440	390	13	11	on	15	18	13	15	5	25	46	121	111	84	90	50	45	140	84	3900	
1800	440	390	13	11	on	15	18	14	15	5	25	46	121	111	84	90	50	45	140	84	3900	
1900	440	380	13	11	on	15	18	13	15	5	25	46	122	112	84	90	50	45	140	84	3900	
																						Bean
2000	440	390	—	11	ON	14.5	18	13	15	6	25	46	121	111	85	91	49	44	140	84	3900	0000–0400
2100	420	370	12.5	11	ON	14	18	13	15	5	25	46	121	110	85	91	49	45	140	84	3850	
2200	440	360	13	11	ON	14	18	12	15	5	25	46	119	109	84	91	48	44	140	84	3850	
2300	440	360	—	11	on	14	18	12	15	5	25	46	117	109	84	90	48	44	140	84	3850	
																						Kumpo
2400	430	350	—	11	on	13.5	18	11.5	15	5	25	46	117	109	84	88	48	43	140	82	3800	
0100	440	360	—	11	on	14	18	12	15	5	25	46	117	109	84	88	48	43	140	82	3850	0400–0800
0200	440	330	12.5	11	ON	14	18	11.5	15	5	25	46	116	108	84	88	48	43	140	82	3800	
0300	440	350	12.5	11	on	13.5	18	11.5	15	5	25	46	116	106	82	88	48	43	140	82	3800	
0400	440	360	—	11	on	14	18	12	15	5	25	46	117	109	83	88	48	44	140	84	3850	
																						Mann
0500	440	360	—	11	on	14	18	12	15	5	25	46	117	109	83	88	48	44	140	84	3850	0800–1200
0600	440	320	—	11	on	14	18	12	15	5	25	46	117	109	83	88	48	44	140	84	3800	
0700	440	340	13	11	on	14	18	12	15	5	25	46	118	108	83	88	48	44	140	84	3800	
0800	440	350	—	11	on	13.5	18	11.5	15	5	25	46	117	108	84	88	48	44	140	84	3850	
																						Bean
0900	420	360	—	11	on	13.5	18	12	15	5	25	46	117	109	84	88	48	44	140	84	3850	
1000	440	370	—	11	on	14	18	12	15	5	25	46	117	109	84	88	48	44	140	84	3850	
1100	420	350	13	11	on	13.5	18	12	15	5	25	46	118	108	84	88	47	44	140	84	3850	

CENTRIFUGAL AIR CONDITIONING COMPRESSOR LOG

DATE 10-5

TIME	PRESSURE: STEAM TO THROTTLE	PRESSURE: STEAM TO NOZZLE	PRESSURE: STEAM TO EXHAUST	PRESSURE: STEAM & LUBE OIL	PRESSURE: PURGE UNIT	PRESSURE: COMPRESSOR LUBE OIL	PRESSURE: SUCTION	PRESSURE: DISCHARGE	TEMPERATURE: COND WATER IN	TEMPERATURE: COND WATER OUT	TEMPERATURE: CHILLED WATER IN	TEMPERATURE: CHILLED WATER OUT	TEMPERATURE: L.O. TEMP.	TEMPERATURE: FREON IN COMPRESSOR	TEMPERATURE: COND WATER IN	TEMPERATURE: COND WATER OUT	TEMPERATURE: CHILLED WATER IN	TEMPERATURE: CHILLED WATER OUT	TEMPERATURE: BEARING LINE	TEMPERATURE: BEARING THRUST	SPEED RPM	REMARKS
																						1200-1600
																						Knapp
1200	450	230	12	11	ON	13	18	8	14	5	25	46	118	100	84	88	48	44	140	86	3550	
1300	460	240	12	11	ON	13	18	8	14	5	25	46	118	100	84	88	48	44	140	86	3550	1600-2000
1400	460	230	12	11	on	13	18	8	14	5	25	46	118	100	84	88	48	45	141	86	3550	
1500	460	220	12	11	ON	12.5	18	7.5	14	5	25	46	117	98	84	88	48	45	141	86	3550	Watson
1600	460	220	12	11	on	13	17	8	14	5	25	47	119	99	84	88	47	45	140	86	3450	2000-2400
1700	460	220	12	11	on	13	17	8	14	5	25	47	119	99	84	88	47	45	140	86	3450	
1800	460	220	12	11	on	13	17	8	14	5	25	47	118	99	84	88	47	45	140	85	3450	
1900	460	220	12	11	on	13	17	8	14	5	25	47	118	99	84	88	47	45	140	85	3450	Blair
2000	440	220	12	11	on	12.5	17	7.5	14	5	25	47	118	98	83	87	47	45	140	85	3425	0000-0400
2200	440	220	12	11	on	12.5	17	7	14	5	25	47	118	98	83	87	47	45	140	85	3425	
2300	460	210	12	11	on	12.5	17	7	14	5	25	47	118	99	83	87	47	45	140	84	3400	
2400	450	210	11	11	on	12.5	17	7	14	5	25	47	117	97	83	87	47	45	140	84	3400	Knapp
0100	450	220	12	11	on	13	17	7	14	5	25	46	115	96	82	88	47	44	140	84	3400	0400-0800
0200	450	220	11	11	on	13	17	7	14	5	25	46	115	96	82	88	47	44	140	84	3400	
0300	460	210	12.5	11	ON	13	17	7	14	5	25	46	115	98	82	88	47	44	140	84	3400	
0400	460	210	11.5	11	ON	13	17	7	14	5	25	46	115	96	84	86	47	45	140	84	3400	
0500	460	210	11	11	on	13	17	7	14	5	25	46	117	97	84	88	47	45	140	84	3400	Watson
0600	460	200	11	11	on	13	17	6	14	5	25	47	116	95	84	86	46	45	140	84	3400	0800-1200
0700	460	200	11	11	on	13	17	6	14	5	25	47	116	95	84	86	46	45	140	84	3400	
0800	460	210	11.5	11	on	13	17	5.5	14	5	25	47	116	96	83	86	47	45	140	84	3400	Blair
0900	460	200	11	11	on	13	17	6.5	14	5	25	47	117	96	83	86	47	45	140	84	3375	
1000	460	220	11.5	11	on	13	17	7.5	14	5	25	47	118	98	85	88	47	45	140	84	3325	
1100	460	220	11.5	11	on	13	17	7.5	14	5	25	47	119	98	85	88	47	45	140	85	3375	

CENTRIFUGAL AIR CONDITIONING COMPRESSOR LOG

DATE 10-6

TIME	STEAM TO THROTTLE	STEAM TO NOZZLE	STEAM TO EXHAUST	STEAM & LUBE OIL	PURGE UNIT	COMPRESSOR LUBE OIL	PRESSURE SUCTION	PRESSURE DISCHARGE	COND WATER IN	COND WATER OUT	CHILLED WATER IN	CHILLED WATER OUT	L.O. TEMP.	FREON IN COMPRESSOR	COND WATER IN	COND WATER OUT	CHILLED WATER IN	CHILLED WATER OUT	BEARING TEMPERATURE LINE	BEARING TEMPERATURE THRUST	SPEED RPM	REMARKS
																						1200-1600
																						Kruppa
1200	460	230	12	11	on	12	17	8	14	5	25	46	117	100	84	88	48	44	140	84	3475	
1300	460	230	12	11	on	13	17	7	14	5	25	46	116	98	84	88	48	44	140	84	3475	1600-2000
1400	460	230	12	11	on	13	17	7	14	5	25	46	116	98	84	88	48	44	140	84	3475	
1500	430	220	12	11	on	13	17	7	14	5	25	46	116	98	84	86	48	44	140	84	3425	
																						Mason
1600	460	220	12	11	on	13	17	7	14	5	25	46	118	98	83	88	47	45	138	84	3450	2000-2400
1700	460	200	11	11	on	13	17	7	14	5	25	46	118	97	83	88	47	45	138	84	3400	
1800	460	200	11	11	on	13	17	7	14	5	25	46	118	96	83	88	47	45	138	84	3400	
1900	460	200	11	11	on	13	17	7	14	5	25	46	118	96	83	88	47	45	138	84	3400	
																						Bean
2000	460	210	11	11	on	13	17	7	14	5	25	47	117	96	83	86	47	45	138	84	3400	0000-0400
2100	460	200	10	11	on	12.5	17	6	14	5	25	47	117	96	83	86	46	44	138	84	3400	
2200	460	210	11	11	on	12.5	17	6.5	14	5	25	47	117	96	83	86	46	44	138	84	3375	
2300	460	200	10.5	11	on	12.5	17	6	14	5	25	48	117	95	83	86	46	44	138	84	3375	
																						Kruppa
2400	460	200	11	11	on	12.5	17	6	14	5	25	46	115	99	82	86	46	43	140	84	3375	
0100	460	210	10	11	on	13	17	7	14	5	25	46	115	96	82	86	47	44	140	84	3375	0400-0800
0200	460	200	11	11	on	13	17	7	14	5	25	47	115	96	82	86	47	44	140	84	3350	
0300	460	200	12	11	on	12.5	17	6.5	14	5	25	47	115	94	82	86	46	43	140	84	3350	
0400	460	200	11	11	on	13	17	6	14	5	25	47	117	95	82	86	46	44	140	84	3350	
																						Mason
0500	460	200	11	11	on	13	17	6	14	5	25	47	117	95	82	86	46	44	140	84	3350	0800-1200
0600	460	200	11	11	on	13	17	6	14	5	25	47	117	95	82	86	46	44	140	84	3350	
0700	460	180	9	11	on	13	17	6	14	5	25	47	117	95	82	86	46	44	140	84	3300	
0800	460	200	10	11	on	13	17	5.5	14	5	25	47	117	96	84	82	46	44	140	84	3375	
																						Bean
0900	450	200	10.5	11	on	13	17	6	14	5	25	47	118	96	84	87	47	45	140	84	3375	
1000	450	200	10	11	on	12.5	17	6.5	14	5	25	47	117	96	84	87	47	45	140	84	3375	
1100	450	210	10.5	11	on	13	17	6.5	14	5	25	47	117	96	84	87	47	45	140	84	3375	

CENTRIFUGAL AIR CONDITIONING COMPRESSOR LOG

DATE 10-7

TIME	PRESSURE: STEAM TO THROTTLE	STEAM TO NOZZLE	STEAM TO EXHAUST	STEAM & LUBE OIL	PURGE UNIT	COMPRESSOR LUBE OIL	SUCTION	DISCHARGE	TEMPERATURE: COND WATER IN	COND WATER OUT	CHILLED WATER IN	CHILLED WATER OUT	L.O. TEMP.	FREON IN COMPRESSOR	COND WATER IN	COND WATER OUT	CHILLED WATER IN	CHILLED WATER OUT	BEARING: LINE	BEARING: THRUST	SPEED RPM	REMARKS
1200	450	200	12	11	ON	12.5	17	6.5	14	5	25	47	115	96	82	86	47	44	139	84	3375	1200-1600 Kemp
1300	450	220	11	11	on	13	17	7	14	5	25	47	115	96	82	86	47	44	139	84	3400	
1400	450	210	10	11	ON	13	17	7	14	5	25	47	115	96	88	86	47	44	139	84	3400	
1500	460	220	11	11	ON	13	17	7	14	5	25	47	115	96	88	85	47	44	139	84	3400	Marion
1600	450	200	11	11	on	13	17	7	14	5	25	47	115	96	88	87	47	44	140	84	3400	2000-2400
1700	450	210	11	11	on	13	17	7	14	5	25	47	115	96	83	87	47	44	140	84	3400	
1800	450	200	11	11	on	12	17	6	14	5	25	47	116	95	82	86	46	44	138	84	3300	
1900	450	200	12	11	on	12	17	6	14	5	25	47	117	95	82	86	46	44	138	84	3300	Bean
2000	460	200	11	11	ON	12.5	17	6	14	5	25	47	116	95	83	86	46	44	138	84	3325	0000-0400
2100	460	200	11	11	on	13	17	6	14	5	25	47	116	95	83	86	46	44	138	84	3325	
2200	460	190	10.5	11	ON	12.5	17	5.5	14	5	25	47	116	94	83	86	46	44	140	84	3300	
2300	460	190	10	11	on	13	17	6	14	5	25	47	116	94	83	85	46	44	140	84	3300	
2400	460	200	11	11	ON	12.5	17	6	14	5	25	47	115	94	83	84	46	43	140	84	3300	Kemp
0100	450	180	10	11	ON	11.5	17	5.5	14	5	25	47	115	94	82	84	46	43	140	84	3300	0400-0800
0200	450	180	10	11	on	11	17	6	14	5	25	47	115	94	82	84	46	43	140	84	3300	
0300	460	190	10	11	ON	12.5	17	5.5	14	5	25	47	114	94	81	83	46	44	140	84	3300	
0400	460	190	11	11	on	13	17	6	14	5	25	47	115	94	82	86	46	44	140	84	3300	Marion
0500	460	190	11	11	on	13	17	6	14	5	25	47	115	94	82	86	46	44	140	84	3300	0800-1200
0600	460	200	11	11	on	13	17	6	14	5	25	48	116	95	82	86	46	44	140	84	3300	
0700	460	200	11	11	on	13	17	6	14	5	25	48	116	95	82	86	46	44	140	84	3325	
0800	450	190	11.5	11	on	12.5	17	6	14	5	25	48	116	95	83	86	46	44	140	84	3325	Bean
0900	450	190	11	11	on	13	17	6	14	5	25	48	116	95	83	86	47	45	140	84	3375	
1000	450	210	11.5	11	on	13	17	7	14	5	25	47	116	97	83	86	47	45	140	84	3400	
1100	450	220	12	11	on	13	17	7	14	5	25	47	117	97	83	86	47	45	138	84	3400	

CENTRIFUGAL AIR CONDITIONING COMPRESSOR LOG

DATE 10-9

TIME	PRESSURE: STEAM TO THROTTLE	PRESSURE: STEAM TO NOZZLE	PRESSURE: STEAM TO EXHAUST	PRESSURE: STEAM & LUBE OIL	PRESSURE: PURGE UNIT	PRESSURE: COMPRESSOR LUBE OIL	PRESSURE: SUCTION	PRESSURE: DISCHARGE	TEMPERATURE: COND WATER IN	TEMPERATURE: COND WATER OUT	TEMPERATURE: CHILLED WATER IN	TEMPERATURE: CHILLED WATER OUT	TEMPERATURE: L.O. TEMP.	TEMPERATURE: FREON IN COMPRESSOR	TEMPERATURE: COND WATER IN	TEMPERATURE: COND WATER OUT	TEMPERATURE: CHILLED WATER IN	TEMPERATURE: CHILLED WATER OUT	BEARING: LINE	BEARING: THRUST	SPEED RPM	REMARKS
1200	456	220	13	11	ON	13	17	7	14	5	25	47	115	96	82	84	48	44	139	84	3400	1200–1600
1300	450	220	11.5	11	ON	13	17	7	14	5	25	47	115	98	82	84	48	44	139	84	3400	
1400	450	240	12	11	ON	13	17	8	14	5	25	47	117	98	82	84	48	44	139	84	3425	
1500	430	210	10	11	on	13	17	7.5	14	5	25	46	116	98	82	86	48	44	139	86	3425	Mason
1600	450	230	11	11	on	13	17	8	14	5	26	46	118	98	82	86	47	45	137	85	3400	1600–2000
1700	460	230	11	11	on	13	17	8	14	5	25	46	118	99	82	86	47	45	137	85	3400	
1800	450	230	11	11	on	13	17	8	14	5	25	46	118	99	82	86	47	45	137	85	3400	
1900	460	230	11	11	on	13	17	8	14	5	25	46	118	99	82	86	47	45	137	85	3400	Beam
2000	460	220	11	11	on	13	17	7.5	14	5	26	47	118	99	83	87	47	45	138	85	3425	2000–2400
2100	460	220	11	11	on	13	17	7.5	14	5	26	47	118	99	83	87	47	45	138	84	3400	
2200	460	220	11	11	on	13	17	7	14	5	26	47	117	98	83	87	47	45	138	84	3400	
2300	460	210	10	11	on	13	17	7	14	5	26	47	117	98	82	86	47	45	138	84	3425	
2400	460	220	11	11	on	13	17	7	14	5	25	47	115	98	82	84	48	44	138	84	3400	Kruse
0100	460	220	11	11	on	13	17	7	14	5	25	46	115	96	82	84	47	44	138	84	3400	0000–0400
0200	450	220	12	11	on	13	17	7	14	5	25	46	115	96	82	84	47	44	138	84	3400	
0300	460	210	11	11	on	13	17	6.5	14	5	25	47	115	96	82	84	47	44	138	84	3350	
0400	460	210	12	11	on	13	17	7	14	5	25	47	116	97	82	86	47	44	138	84	3350	Mason
0500	460	210	12	11	on	13	17	7	14	5	25	47	116	97	82	86	47	44	138	84	3350	0400–0800
0600	460	210	12	11	on	13	17	7	14	5	25	47	117	96	82	86	47	45	136	84	3350	
0700	460	210	12	11	on	13	17	7	14	5	25	47	117	96	82	86	47	45	138	84	3350	
0800	460	200	11.5	11	on	13	17	6	14	5	25	47	116	95	82	85	47	45	138	83	3325	Beam
0900	460	210	12	11	on	12.5	17	6.5	14	5	25	47	117	95	82	85	47	45	138	83	3375	0800–1200
1000	460	210	12	11	on	13	17	7	14	5	25	47	117	96	82	85	47	45	136	83	3400	
1100	460	220	12	11	on	13	17	7	14	5	25	47	117	97	82	85	47	45	136	84	3400	

TIME	CIRC WATER	COMPRESSOR 1			COMPRESSOR 2			COMPRESSOR 3			COMPRESSOR 4			COMPRESSOR 5		
	INLET TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	LATER OUT TEMP
12	62	0	110	95	0	115	96							11	110	98
14	62	—	—	—	0	115	95							—	—	—
16	64	-	-	-	-	-	-							15	114	108
18	64	-	-	-	0	115	97							5	110	102
20	64	0	110	94	—	—	—							5	115	99
22	62	0	120	96	0	115	95							20	115	100
24	62	0	110	93	0	115	94							12	110	96
26	62	0	115	94	0	115	94							12	110	97
28	62	0	115	94	0	115	95							12	110	98
30	62	0	115	94	0	115	96							16	115	95
32	62	0	105	90	0	115	95							13	115	99
34	62	0	115	94	0	115	96							20	115	98

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP11Ø) DATE 11-9-66

COLD STORAGE BOX TEMPERTURES

TIME	ICE CREAM 1	DAIRY 2	MEAT 3	FROZ FOOD 4	THAW 5	MEAT 6	THAW 7	MEAT 8	VEG. 9	BUTT. EGGS 1Ø	FRUIT 11
12	0	37	0	-2	7	2	35	-1	35	33	42
14	-1	37	2	-2	7	-1	35	0	35	33	41
16	0	37	4	-1	7	-3	35	-2	36	33	42
18	0	38	5	0	7	-3	35	-2	36	33	42
20	0	38	4	0	7	-3	35	-3	36	33	42
22	0	37	3	0	7	-3	35	-3	36	33	42
24	1	36	4	-2	8	-1	34	0	35	33	42
02	0	36	2	-2	8	-1	34	0	35	33	42
04	0	37	2	-1	8	-2	35	0	35	33	42
06	1	37	2	-2	8	0	35	0	35	33	42
08	0	37	2	0	10	2	35	2	35	33	42
10	0	37	3	2	10	1	35	0	35	33	42

REMARKS

12Ø0-16 Beans

16-2 Marvin

2-24Ø0 Marvin

-04 Knapp

04-08 Knapp

08-12 Bean

CHIEF ENGINEER

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 11/24/66

COLD STORAGE BOX TEMPERTURES

TIME	ICE CREAM 1	DAIRY 2	MEAT 3	FROZ FOOD 4	THAW 5	MEAT 6	THAW 7	MEAT 8	VEG. 9	BUTT. EGGS 10	FRUIT 11
12[illegible]	0	38	2	-3	-	-	35	2	36	33	42
14[illegible]	0	38	2	-3	-	-	36	0	36	33	44
16[illegible]	0	38	2	-2	-	-	36	-1	36	33	47
18[illegible]	1	38	2	-2	-	-	36	-1	36	33	43
20[illegible]	1	37	0	-2	-	-	37	0	35	33	41
22[illegible]	2	38	1	6	-	-	37	2	35	33	41
24[illegible]	2	38	4	8	44	34	38	0	36	33	40
02[illegible]	2	37	3	8	31	23	37	0	36	33	40
04[illegible]	1	37	4	6	25	12	37	-1	36	33	40
06[illegible]	2	38	4	6	22	9	38	0	36	33	41
08[illegible]	1	37	4	0	20	7	40	-2	35	33	40
10[illegible]	0	37	2	-1	-	-	40	-1	35	33	40

SECURED LOADING STORES @ 2400

CHIEF ENGINEER

REMARKS

1230-1600

Beans

1600-2[illegible]

Marvin

2[illegible]-2430

Marvin

[illegible]-0400

Gintel

0400-0800

Gintel

0800-1200 0830 Loading STORES Boxes #5 & 6

Beans

TIME	CIRC WATER INLET TEMP	COMPRESSOR 1 SUCT PRESS	COMPRESSOR 1 DISCH PRESS	COMPRESSOR 1 WATER OUT TEMP	COMPRESSOR 2 SUCT PRESS	COMPRESSOR 2 DISCH PRESS	COMPRESSOR 2 WATER OUT TEMP	COMPRESSOR 3 SUCT PRESS	COMPRESSOR 3 DISCH PRESS	COMPRESSOR 3 WATER OUT TEMP	COMPRESSOR 4 SUCT PRESS	COMPRESSOR 4 DISCH PRESS	COMPRESSOR 4 WATER OUT TEMP	COMPRESSOR 5 SUCT PRESS	COMPRESSOR 5 DISCH PRESS	COMPRESSOR 5 WATER OUT TEMP
12	60	0	105	93	0	115	96							15	115	100
14	61	0	115	95	0	110	95							10	105	98
16	61	0	105	94	—	—	—							25	115	98
18	61	0	110	93	0	110	96							16	115	98
20	61	0	110	93	—	—	—							5	110	98
22	61	0	100	80	—	—	—							10	110	97
24	60	0	110	95	—	—	—							15	115	97
02	60	0	115	93	0	115	95							20	115	98
04	60	3	115	92	0	110	95							5	110	97
06	60	0	110	90	—	—	—							5	110	98
08	60	0	110	90	0	115	95							20	115	98
10	60	0	110	93	—	—	—							5	110	98

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 11-15-66

COLD STORAGE BOX TEMPERTURES

TIME	ICE CREAM 1	DAIRY 2	MEAT 3	FROZ FOOD 4	THAW 5	MEAT 6	THAW 7	MEAT 8	VEG. 9	BUTT. EGGS 10	FRUIT 11
1200	1	38	2	-1	—	—	40	-2	35	33	41
1400	2	36	2	-2	—	—	40	0	35	33	41
1600	1	36	5	-2	—	—	40	2	35	33	41
1800	1	37	4	-2	—	—	40	1	35	33	42
2000	0	37	5	-1	28	16	41	1	36	33	43
2200	1	38	5	-1	21	10	41	0	36	33	41
2400	0	36	4	0	19	8	41	-2	36	33	—
0200	0	37	4	-1	16	6	41	-1	36	33	—
0400	0	37	4	-2	14	5	41	-2	36	33	—
0600	0	37	4	-2	12	3	36	-1	36	33	42
0800	0	38	3	-2	10	3	35	-1	36	33	42
1000	0	36	3	-2	11	1	31	-2	35	—	42

LOADING Box #11 @ 2330 Box open
Secured loading @ 0400

CHIEF ENGINEER

REMARKS

1200-1600 Beans

1600-2000 Warm

2000-2400 Warm.

0000-0400 Sinted

0400-0800 Sinted

0800-1200 1000 Loading stores Box #10 Bean

TIME	CIRC WATER	COMPRESSOR 1			COMPRESSOR 2			COMPRESSOR 3			COMPRESSOR 4			COMPRESSOR 5		
	INLET TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	LTER OUT TEMP
12	61	—	—	—	—	—	—							17	115	98
14	60	0	105	90	0	115	92							10	110	98
16	60	0	115	94	0	115	95							10	110	98
18	60	—	—	—	0	110	93							—	—	—
20	60	0	110	92	0	115	95							10	110	98
22	60	0	110	94	—	—	—							15	115	98
24	60	0	110	92	0	115	95							15	115	98
02	60	0	110	91	0	115	93							15	110	99
04	60	0	110	91	—	—	—							20	115	100
06	60	0	110	90	—	—	—							20	115	98
08	60	0	110	92	0	115	94							15	115	98
10	60	0	105	90	—	—	—							23	110	96

TIME	CIRC WATER INLET TEMP	COMPRESSOR 1 SUCT PRESS	COMPRESSOR 1 DISCH PRESS	COMPRESSOR 1 WATER OUT TEMP	COMPRESSOR 2 SUCT PRESS	COMPRESSOR 2 DISCH PRESS	COMPRESSOR 2 WATER OUT TEMP	COMPRESSOR 3 SUCT PRESS	COMPRESSOR 3 DISCH PRESS	COMPRESSOR 3 WATER OUT TEMP	COMPRESSOR 4 SUCT PRESS	COMPRESSOR 4 DISCH PRESS	COMPRESSOR 4 WATER OUT TEMP	COMPRESSOR 5 SUCT PRESS	COMPRESSOR 5 DISCH PRESS	COMPRESSOR 5 WATER OUT TEMP
12	60	—	—	—	0	115	96							5	110	97
14	60	0	105	90	0	115	95							13	110	98
16	60	0	110	92	0	115	96							15	115	100
18	60	0	110	91	0	115	95							15	115	98
20	60	0	100	91	0	120	97							20	115	98
22	60	0	110	91	0	115	94							0	100	99
24	60	0	105	90	0	115	94							2	110	97
02	60	0	105	90	0	115	96							20	115	97
04	60	0	105	90	—	—	—							20	115	98
06	60	0	105	91	0	115	96							22	115	98
08	60	0	105	87	0	115	96							17	115	97
11	60	0	105	90	0	115	94							5	110	98

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 11-16-66

COLD STORAGE BOX TEMPERTURES

TIME	ICE CREAM 1	DAIRY 2	MEAT 3	FROZ FOOD 4	THAW 5	MEAT 6	THAW 7	MEAT 8	VEG. 9	BUTT. EGGS 10	FRUIT 11
12	0	36	3	0	10	0	30	2	35	-	41
14	0	36	2	0	10	-1	30	9	35	-	41
16	/	36	2	-	-	0	31	-1	35	41	41
18	10	37	2	9	26	0	32	0	36	40	41
20	-	38	2	0	22	/	34	-2	36	39	41
22	10	37	3	0	-	6	34	0	-	39	-
24	10	37	3	0	20	3	35	-1	36	39	-
02	8	37	3	-1	17	3	35	-1	-	-	-
04	6	38	2	-2	14	2	36	-1	-	-	-
06	7	38	2	-2	12	2	36	2	39	39	41
08	6	37	3	-1	21	0	35	4	-	33	42
10	5	37	1	0	20	-1	35	0	-	33	41

Loading Box #9-10+11 @ 2330
Secured Loading @ 0400

CHIEF ENGINEER

REMARKS

1230-16 Beans

16-2 Meats

2-2430 Meats

-04 Fruit

04-08 Fruit

08-1200 0800 Loading Stores Box # 9 Beans

TIME	CIRC WATER	COMPRESSOR 1			COMPRESSOR 2			COMPRESSOR 3			COMPRESSOR 4			COMPRESSOR 5		
	INLET TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP
12	60	0	110	92	0	115	94							15	110	98
14	61	0	105	90	—	—	—							3	110	98
16	60	0	105	91	0	115	96							25	115	97
18	60	0	105	90	—	—	—							25	115	96
20	60	0	110	93	0	110	94							20	115	97
22	60	0	110	90	0	115	96							25	115	97
24	60	0	110	92	0	115	98							25	115	100
02	60	0	105	90	—	—	—							20	115	99
04	60	0	110	90	0	110	98							20	115	99
06	60	0	105	89	—	—	—							20	115	96
08	60	0	105	90	0	115	96							7	110	100
10	60	0	110	94	0	115	94							16	115	97

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP11Ø) DATE 11-12-66

COLD STORAGE BOX TEMPERTURES

TIME	ICE CREAM 1	DAIRY 2	MEAT 3	FROZ FOOD 4	THAW 5	MEAT 6	THAW 7	MEAT 8	VEG. 9	BUTT. EGGS 1Ø	FRUIT 11
12	5	37	3	2	11	0	35	0	—	33	41
14	5	37	1	-1	10	-1	35	0	—	33	41
16	5	38	2	-2	9	-1	35	0	—	35	—
18	4	38	2	-2	10	-1	36	0	44	39	42
20	4	38	1	-1	9	-2	36	-1	43	40	41
22	4	38	1	0	9	-2	36	-2	42	40	41
24	3	37	2	0	-8	-2	37	2	42	38	40
02	3	36	2	-2	8	-2	36	2	41	36	40
04	3	36	2	-1	8	-2	36	0	40	36	40
06	3	37	2	0	7	-3	36	0	40	36	45
08	2	37	1	-1	7	-3	35	1	—	33	45
10	2	37	1	-1	12	-1	35	1	—	33	45

CHIEF ENGINEER

REMARKS

1230-1600

Beans

1600-2030

1530 Defrosting #10 box.

Marvin

2030-2400

2030 Sec. defrosting, #10 back on line.

Marvin

0000-0400

Gintel

0400-0800

Gintel

0800-1200 0800 Loading Stores #9 Box

Beans

TIME	CIRC WATER INLET TEMP	COMPRESSOR 1 SUCT PRESS	COMPRESSOR 1 DISCH PRESS	COMPRESSOR 1 WATER OUT TEMP	COMPRESSOR 2 SUCT PRESS	COMPRESSOR 2 DISCH PRESS	COMPRESSOR 2 WATER OUT TEMP	COMPRESSOR 3 SUCT PRESS	COMPRESSOR 3 DISCH PRESS	COMPRESSOR 3 WATER OUT TEMP	COMPRESSOR 4 SUCT PRESS	COMPRESSOR 4 DISCH PRESS	COMPRESSOR 4 WATER OUT TEMP	COMPRESSOR 5 SUCT PRESS	COMPRESSOR 5 DISCH PRESS	COMPRESSOR 5 WATER OUT TEMP
12	60	0	110	95	—	—	—							26	115	96
14	60	0	110	95	0	115	96							25	115	95
16	60	0	110	93	0	115	94							25	115	96
18	60	0	100	91	0	115	97							25	115	96
20	60	0	105	95	0	115	92							25	115	96
22	60	0	110	94	0	115	94							25	115	98
24	60	0	110	94	—	—	—							26	115	95
02	59	0	110	94	0	110	94							25	115	96
04	59	0	110	92	—	—	—							24	115	95
06	59	0	105	90	0	115	93							22	115	95
08	59	0	105	90	0	110	95							23	115	96
10	59	0	105	90	0	110	94							20	115	96

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 11-18-66

COLD STORAGE BOX TEMPERTURES

TIME	ICE CREAM 1	DAIRY 2	MEAT 3	FROZ FOOD 4	THAW 5	MEAT 6	THAW 7	MEAT 8	VEG. 9	BUTT. EGGS 10	FRUIT 11
12	2	38	1	-2	10	~~-2~~ ~~35~~	~~35~~ 35	-2	—	33	45
14	1	37	1	-2	8	-2	36	-2	44	33	42
16	1	38	1	-2	7	-3	36	-1	43	38	42
18	1	37	0	-1	7	-4	35	-2	43	38	42
20	1	38	0	0	6	-1	35	-2	42	37	41
22	1	38	1	-1	6	-2	35	-2	42	36	41
24	1	37	0	-1	6	2	35	-2	40	36	41
02	1	37	1	-2	6	0	35	0	40	36	41
04	1	37	1	-2	6	-1	35	2	40	36	41
06	1	37	0	-2	6	-2	35	0	40	36	41
08	0	37	0	0	6	-2	35	-3	39	37	41
10	0	37	0	0	7	-2	35	-1	39	36	41

REMARKS

1230-16 1230 # 9 Walk in back on line

Beans

16-2

Mavis

2-2430

Mavis

-04

Beans

04-08

Beans

08-1200

Gustof

CHIEF ENGINEER

TIME	CIRC WATER	COMPRESSOR 1			COMPRESSOR 2			COMPRESSOR 3			COMPRESSOR 4			COMPRESSOR 5		
	INLET TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP
12	59	0	110	92	—	—	—							20	115	96
14	59	0	110	93	0	110	94							20	115	96
16	60	0	105	91	0	115	92							18	115	96
18	60	—	—	—	0	115	94							24	115	97
20	60	0	105	85	0	115	93							11	115	96
22	—	—	—	—	—	—	—							—	—	—
24	59	0	110	91	0	115	96							15	115	94
02	59	0	110	93	0	115	94							15	115	95
04	59	0	110	94	0	115	94							12	115	96
06	60	0	105	90	—	—	—							10	115	97
08	59	0	105	90	0	115	95							5	115	98
10	59	—	—	—	0	115	95							5	110	97

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP11Ø) DATE. 11/19/66

COLD STORAGE BOX TEMPERTURES

TIME	ICE CREAM 1	DAIRY 2	MEAT 3	FROZ FOOD 4	THAW 5	MEAT 6	THAW 7	MEAT 8	VEG. 9	BUTT. EGGS 1Ø	FRUIT 11
12Ø0	1	36	3	0	22	-3	35	6	39	36	41
14Ø0	1	37	1	-2	8	-3	35	2	38	36	41
16Ø0	1	37	0	-2	7	-3	35	0	38	36	41
18Ø0	0	37	0	-2	7	-2	35	1	37	36	41
2ØØØ	0	37	0	-2	7	0	35	-2	37	33	41
22Ø0	—	—	—	—	—	—	—	—	—	—	—
24Ø0	5	37	6	3	8	5	35	5	39	36	44
2Ø2Ø	1	37	3	0	8	2	35	1	36	33	41
4Ø4Ø	1	37	3	0	7	1	35	0	36	33	41
6Ø6Ø	0	37	1	-2	7	-2	35	-1	36	33	41
8Ø8Ø	0	38	1	-2	7	-2	35	-1	36	33	41
1ØØØ	1	37	1	0	7	-3	35	-1	36	33	41

CHIEF ENGINEER

REMARKS

1200-1600 Sintef

1600-2400 Maersk

2045 Lost Reefer Plant - secured
2400 Reefer Plant back on line

Maersk

0000-0400 Beans

0400-0800 Beans

0800-1200 Sintef

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 11/20/66

COLD STORAGE BOX TEMPERTURES

TIME	ICE CREAM 1	DAIRY 2	MEAT 3	FROZ FOOD 4	THAW 5	MEAT 6	THAW 7	MEAT 8	VEG. 9	BUTT. EGGS 10	FRUIT 11
12	1	37	0	0	7	-2	35	-1	36	33	41
14	0	37	3	-1	11	-2	35	0	36	33	41
16	0	38	1	-1	9	-2	35	1	36	33	41
18	0	38	1	-1	8	-2	35	0	36	33	41
20	0	38	1	-1	8	-3	35	0	36	33	41
22	0	38	2	0	8	0	35	0	36	33	41
24	0	37	1	-1	8	2	35	-1	36	33	41
02	0	37	1	-1	7	3	35	-1	36	33	41
04	0	37	1	-2	7	0	35	0	36	33	41
06	0	37	1	-2	7	-1	35	0	36	33	41
08	0	37	0	-1	7	-3	35	2	36	33	41
10	0	37	1	0	19	1	35	0	36	33	41

REMARKS

1200-1600 Gentle

1600-2000 Warm

2000-2400 Warm

0000-0400 Beans

0400-0800 Beans

0800-1200 Gentle

CHIEF ENGINEER

TIME	CIRC WATER	COMPRESSOR 1			COMPRESSOR 2			COMPRESSOR 3			COMPRESSOR 4			COMPRESSOR 5		
	INLET TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP	SUCT PRESS	DISCH PRESS	WATER OUT TEMP
12	59	0	115	90	0	110	94							—	—	—
14	59	0	105	89	—	—	—							5	110	96
16	60	0	110	91	—	—	—							—	—	—
18	60	0	110	92	0	115	95							0	110	96
20	60	0	100	90	0	115	94							0	105	96
22	60	—	—	—	0	120	95							0	115	96
24	59	0	110	92	—	—	—							11	115	94
02	59	0	115	95	0	115	96							13	115	96
04	59	0	110	94	—	—	—							5	115	94
06	59	0	105	93	0	115	94							5	115	98
08	59	0	105	90	0	115	94							0	110	96
10	60	0	105	91	—	—	—							0	115	98

NAVSHIPS 3676 (REV. 11-60)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY X

AT ANCHOR

U. S. S. GEN. JOHN POPE PLANT NO. 2

TIME: ZONE DESCRIPTION SET CLOCKS AHEAD OR BACK 20 MIN MINUTES AT 2300 0500 DATE NOV - 26, 19 66

NOV. 27-66 HOUR ENDING NOV - 26 - 66

	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
STEAM TO REG. VALVE, PRESSURE #G	6	6	÷	7	7	8	7	8	8	8	8	6	6	7	7	7	7	7	7	7	7	8	7	
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	1	1	4	2	2	2	2	2	2	2	1	1	1	1	2	2	2	2		2	
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	2	2	2	2	2	3	2	1	1	1	1	0	0	1	1	1	1	2	2	2	2		2	
STEAM TO 1ST EFFECT, TEMPERATURE, °F	240	230	235	240	230	235	235	230	230	240	240	255	250	250	245	235	235	240	240	240	240		240	
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	210	200	200	200	200	205	200	195	195	195	195	190	190	200	200	200	200	200	200	200	200		200	
1ST EFFECT SHELL PRESSURE, "HG	6"	6"	6"	8"	8"	8"	8"	8	8	8	8	11"	11"	11"	11"	9"	9"	10"	10"	10	10		10	
2D EFFECT COIL DRAIN, TEMPERATURE, °F	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
2D EFFECT SHELL PRESSURE, "HG	17"	17"	17"	18"	18	18	18"	18	18	18	18	19"	19"	19"	19"	18"	18"	18"	18"	19	19		19	
3D EFFECT COIL DRAIN, TEMPERATURE, °F	160	160	160	158	158	156	152	150	150	150	150	148	148	148	148	152	152	150	150	150	148		150	
3D EFFECT SHELL PRESSURE, "HG	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
CONDENSATE TO COOLER, TEMPERATURE, °F	140	135	135	140	140	138	138	137	137	137	137	134	134	134	135	138	138	136	138	136	138		136	
CONDENSATE FROM COOLER, TEMPERATURE, °F	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
BRINE OVERBOARD, TEMPERATURE, °F	130	130	130	136	138	130	130	130	130	130	130	130	130	110	110	130	130	125	128	130	130		130	
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	92	92	92	92	90	90	90	90	90	90	90	90	90	90		90	
AIR EJECTOR DRAINS, TEMPERATURE, °F	~~90~~																							
CIRC. WATER INJECTION, TEMPERATURE, °F	72	72	72	73	73	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72		72	
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	72	72	72	73	73	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72		72	
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F	—																							
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F	—																							
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F	105	105	105	110	110	115	110	105	105	105	105	110	110	105	105	105	105	105	105	105	105		105	
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	130	130	130	130	132	136	130	127	127	127	127	130	130	122	123	124	124	122	124	124	124		124	
FEED TO 1ST EFFECT, TEMPERATURE, °F	150	150	150	150	158	164	150	150	150	150	150	154	154	142	142	144	144	142	142	140	140		142	
CIRC. WATER OVERBOARD, TEMPERATURE, °F				92	92	94	92	92	92	92	92	92	92	90	90	90	90	90	90	90	90		90	
CIRC. PUMP SUCTION PRESSURE, #G	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3		3	
CIRC. PUMP DISCHARGE PRESSURE, #G		20	20	20	20	20	20	20	20	20	20	20	20	20	20	21	21	20	20	20	20		20	
BRINE PUMP SUCTION PRESSURE, #G		25"	25"	25"	25"	25"	25"	25	25	25	25	24"	24"	24"	24"	25"	25"	25"	25"	25	25		25	
BRINE PUMP DISCHARGE PRESSURE, #G		20	20	20	20	25	25	25	25	20	20	33	33	31	31	30	30	30	25	28	28		28	
FEED PUMP SUCTION PRESSURE, #G		14	14	14	13	13	13	13	13	13	13	14	14	14	14	14	14	13	13	14	14		14	
FEED PUMP DISCHARGE PRESSURE, #G		20	20	20	20	20	15	15	15	15	15	15	15	14	14	15	15	15	14	14	14		14	
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G		0	0	0	1	1	1	1	1	1	1	3"	3	0	0	0	0	0	0	0	0		0	
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G		54	54	54	54	56	54	54	54	54	54	49	44	50	50	50	50	51	52	52	52		52	
F. W. PUMP DISCHARGE PRESSURE		10	10	10	10	10	10	10	10	10	10	20	20	20	20	10	10	10	10	10	10		10	
FEED DENSITY, 32NDS																								
BRINE OVERBOARD DENSITY, 32NDS		1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5		1.5	
CHEMICAL SALINITY TEST		20	20	20	40	40	30	20	20	20	20	20	20	20	20	20	20	20	21	20	20		20	
AIR EJECTOR DRAINS, SALINITY—E. P. M.		02	02	02	.02	.02	.02	.02	01	01	01	.02	02	02	02	.02	.02	.02	.02	02	01		01	
1ST EFFECT DRAINS, SALINITY—E. P. M.		.02	.02	02	.03	.03	.03	.02	01	01	01	0	01	.01	.01	.01	.01	.01	.01	01	01		01	
CONDENSATE FROM COOLER, SALINITY—E. P. M.		02	.02	02								.06	02	.02	02									

DISTILLED WATER RECORD

E-2

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
0000			
0100	03562600	1200	
0200	03563700	1100	
0300	03565000	1300	
0400	03566600	1600	1 Hr. 20 Min.
0500	03567700	1100	
0600	03569400	1700	1 Hr-20 Min.
0700	03570400	1000	
0800	03571500	1100	
0900	03572700	1200	
1000	03573800	1100	
1100	03574900	1100	
1200	03548100		
1300	03549000	900	
1400	03550100	1100	
1500	03551100	1000	
1600	03552200	1100	
1700	03554400	2200	?
1800	03555500	~~1100~~	1100
1900	03556600		1100
2000	03557800	~~1200~~	1200
2100	03558900	1100	1100
2200	~~03~~ —	—	—
2300	03560400	1500	(4 Hrs 20 MIN)
2400	03561400	1000	
		23,[illegible]	

* *Indicate under REMARKS number of tanks being filled.*

SCALING RECORD

	EFFECT NO. 1	NO. 2	NO. 3
DATE LAST SCALED			
HOURS BROUGHT FORWARD			
HOURS THIS DATE	16		
HOURS TO DATE			
GALLONS BROUGHT FORWARD	4200		
GALLONS THIS DATE			
GALLONS TO DATE			

CHECKED (Signature)

APPROVED

(Engineer Officer, U. S. N.)

NAVSHIPS 5676 (REV. 11 50) BACK

REMARKS

Nov-27-66

0000–0400

1 & 2 evap. dist to 3 port & stbd

SIGNED J. Shackleford

0400–0800

2 Evap Dist to # 3 port & stbd.
@ 0500 Filled # 2 Maevap Tank.

SIGNED R. Shippard

0800–1200

#. 1 & 2 Evap. Dist.
To #. 3 Port & Stbd...
Water Dist. last (25 Hrs).
25,600 gals

SIGNED E. J. Magallanes

Nov. 26-66

1200–1600

1 & 2 evap. dist to # 3 port & stbd

SIGNED J. Shackleford

1600–2000

2 Evap. Dist. to # 3 port & stbd,
@ 1700 # 2 Evap dist to # 2 stbd. feed.

SIGNED R. Shippard

2000–2400

1 & 2 - Evap. Dist. to
3 Port & Stbd....
2 Brine pump kick off
@ 2235 -

SIGNED E. J. Magallanes

Stocked in CDS

For disposal of this record see current Records Disposal Instructions for Vessels of the U. S. Navy.

NAVSHIPS 3676 (REV. 11-50)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY X

U. S. S. Gen. John Pope PLANT NO. 1

AT ANCHOR

TIME: ZONE DESCRIPTION SET CLOCKS AHEAD OR BACK 20 Min. MINUTES AT 2300-0100-0500 DATE Nov. 26 1966

	Nov. 27-66 HOUR ENDING															Nov. 26-66 HOUR ENDING							
	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	9	9	9	9	8	8	8	8	9	9	8	8	8	8	9	9	9	9	9	8	
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	3	3	3	2	2	2	2	2	2	2	2	1	1	1	2	2	2	2	2	2	
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	2	2	3	2	2	2	2	2	
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	236	240	230	230	230	230	230	230	228	228	230	230	230	230	232	230	230	230	230	230	
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	195	195	195	195	195	195	195	195	195	195	195	195	195	195	200	195	195	200	200	195	195	195	195	
1ST EFFECT SHELL PRESSURE, "HG	9"	9"	9"	8"	8"	8"	8"	8	8	8	8	9"	9"	9"	11"	7"	8"	7"	8"	8	8	8	8	
2D EFFECT COIL DRAIN, TEMPERATURE, °F	168	168	168	170	170	170	170	165	165	165	165	165	165	168	168	168	168	170	170	169	168	164	164	
2D EFFECT SHELL PRESSURE, "HG	15"	15"	15"	15"	16"	15"	15"	15	15	15	15	15"	15"	15"	15"	15"	15"	15"	15"	15	15	15	15	
3D EFFECT COIL DRAIN, TEMPERATURE, °F	156	156	156	160	160	154	156	154	154	154	154	158	158	160	160	160	160	160	160	160	160	158	158	
3D EFFECT SHELL PRESSURE, "HG	23"	23"	23"	23"	23"	23"	23"	23	23	23	23	23"	23"	23"	23"	23"	23"	23"	23"	23	23	23	23	
CONDENSATE TO COOLER, TEMPERATURE, °F	132	132	132	134	134	130	130	134	134	134	134	134	134	134	134	136	136	136	136	134	130	134	134	
CONDENSATE FROM COOLER, TEMPERATURE, °F	90	90	90	92	92	90	90	90	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	
BRINE OVERBOARD, TEMPERATURE, °F	128	128	128	132	132	130	130	130	130	130	130	130	130	130	130	136	136	128	128	130	130	130	130	
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	92	92	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	
AIR EJECTOR DRAINS, TEMPERATURE, °F																								
CIRC. WATER INJECTION, TEMPERATURE, °F	72	72	72	73	73	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	72	72	72	73	73	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	72	
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F																								
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F																								
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F																								
FEED TO 1ST EFFECT, TEMPERATURE, °F	144	144	144	150	150	148	150	144	144	144	144	150	150	150	142	143	143	146	146	146	150	154	154	
CIRC. WATER OVERBOARD, TEMPERATURE, °F	92	90	90	94	94	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	
CIRC. PUMP SUCTION PRESSURE, #G	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	
CIRC. PUMP DISCHARGE PRESSURE, #G	25"	25	25	17	17	17	17	17	17	17	17	16	16	25	17	15	16	15	17	17	17	17	17	
BRINE PUMP SUCTION PRESSURE, #G	25"	25"	25"	25"	25"	25"	25"	25	25	25	25	25"	25"	25"	25"	20"	20"	25"	25"	25	25	25	25	
BRINE PUMP DISCHARGE PRESSURE, #G	20	20	20	30	30	25	25	25	25	25	25	25	25	25	30	40	35	30	26	26	25	25	26	
FEED PUMP SUCTION PRESSURE, #G																								
FEED PUMP DISCHARGE PRESSURE, #G																								
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	60	58	55	60	60	59	57	56	55	55	56	59	57	58	56	58	58	58	58	55	55	58	55	
F. W. PUMP DISCHARGE PRESSURE	10	10	10	10	10	10	10	10	10	10	10	15	15	20	15	10	10	10	10	10	10	10	10	
FEED DENSITY, 32NDS												1.7	1.7	1.7	1.7									
BRINE OVERBOARD DENSITY, 32NDS	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5					1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Chemical Salinity Test	021	021	021	20	20	20	20	20	20	20	20	21	21	20	20	20	20	20	20	20	20	20	20	
AIR EJECTOR DRAINS, SALINITY – E. P. M.	01	01	01	.01	.01	.01	.01	01	01	01	01	02	02	02	02	02	02	02	02	02	02	02	02	
1ST EFFECT DRAINS, SALINITY – E. P. M.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CONDENSATE FROM COOLER, SALINITY – E. P. M.	05	05	04									06	06	05	05									

#-1

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
1100 0000		5	
91400 0100	0835 38000	1300	
1500 0200	08359300	1300	
1600 0300	08360600	1300	
1700 0400	08362400	1800	1 Evap Dist
1600 0500	08363600		1200
1900 0600	08365300		1700
2000 0700	08366500		1200
2100 0800	08367500		1000
2200 0900	08369700	1200	*
2300 1000	08369400	1200	
2400 1100	08371100	1200	
0100 1200	08339800		
0200 1300	08341100	1300	
0300 1400	08342300	1200	
0400 1500	08343600	1300	
0500 1600	08344900	1300	
0600 1700	08347500	2600	2
0700 1800	08348800	~~1300~~	1300
0800 1900	08350100		1300
0900 2000	08351300	~~1200~~	1200
1000 2100	08352600	1300	1500
1100 2200	08353900	1300	1
1200 2300	08355500	1600	(4 HRS 20 MIN)
2400	083567	1200	
		24,20	

* Indicate under REMARKS number of tanks being filled.

SCALING RECORD

	EFFECT NO. 1	NO. 2	NO. 3
DATE LAST SCALED			
HOURS BROUGHT FORWARD	4/8		
HOURS THIS DATE			
HOURS TO DATE			
GALLONS BROUGHT FORWARD	57,200		
GALLONS THIS DATE			
GALLONS TO DATE			

CHECKED (Signature)

APPROVED

(Engineer Officer, U. S. N.)

NAVSHIPS 3676 (REV. 11 50) BACK

REMARKS

Nov. 27-66

0000-0400

1 & 3 Evap. dist to 3 port & stbd.

1 Hr 20 min

SIGNED A Hubbard

0400-0800

@ 0400 shifted #1 Evap dist. to #1 stbd.
@ 0500 Filled #1 Hzg evap Tank.

#1 port 2. Test 2 Drops
#1 stbd 9' Test 3 Drops
#2 port Mt
#2 stbd 9' - Test 2 Drops

SIGNED R. Sheppard

0800-1200

#-1 & 3 Evap. Dist To #-3 Port & Strbd...

F.W. Dist. (Last 25 Hrs) 31,300 gals

SIGNED E. J. Magallanes

Nov. 26-66

1200-1600

1 & 2 Evap. dist. to 3 port & stbd.

SIGNED A Hubbard

1600-2000

#1 Evap Dist. To #3 port & stbd
@ 1700 #1 Evap Dist. To #1 stbd-Feed Taking chemicals on #1 stbd Every 15 min.
1730 still .2.

#1 port - 8' - 2 Drops
#1 stbd - 3' - 2 Drops
#2 port Mt
#2 stbd - 9' - 2 Drops

SIGNED R. Sheppard

2000-2400

#-1 & 2 Evap. Dist To #-3 Port & Strbd...

SIGNED E. J. Magallanes

Stocked in CDS

For disposal of this record see current Records Disposal Instructions for Vessels of the U. S. Navy.

NAVSHIPS 3876 (REV. 11-50)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY X U.S.S. GEN. JOHN POPE PLANT NO. 1

AT ANCHOR ____ TIME: ZONE DESCRIPTION ____ SET CLOCKS AHEAD OR BACK ____ MINUTES AT ____ DATE Nov 25, 1966

	Nov. 26-66 HOUR ENDING																	Nov. 25-66						
	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
STEAM TO REG. VALVE, PRESSURE #G	9	9	9	10	9	9	9	8	8	8	8	7	7	6	10	8	8	9	9	9	9	8	8	9
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	2	2	2	2	1	1	1	1	3	2	2	2	3	3	2	2	2	1	3	3	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	2	2	2	2	2	2	2	1	1	1	1	3	3	3	2	3	3	3	3	1	1	3	3	2
STEAM TO 1ST EFFECT, TEMPERATURE, °F	230	230	230	230	230	230	230	VNS	VNS	VNS	VNS	210	220	220	220	230	230	230	230	240	240	240	240	240
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	190	195	195	185	190	190	190	190	190	190	190	205	200	200	195	200	200	200	200	190	190	190	190	190
1ST EFFECT SHELL PRESSURE, "HG	9	8"	8	8"	8"	8"	8"	8	8	8	8	6	6	6"	8	6"	6"	8"	8"	8	8	8	8	8"
2D EFFECT COIL DRAIN, TEMPERATURE, °F	165	164	168	170	170	168	168	170	170	170	170	185	174	174	168	172	172	170	170	164	160	164	160	168
2D EFFECT SHELL PRESSURE, "HG	15"	15"	15"	15"	15"	15"	15"	15	15	15	15	22	14	12"	15"	15"	15"	15"	15"	15	15	15	15	15"
3D EFFECT COIL DRAIN, TEMPERATURE, °F	156	158	158	160	160	160	160	160	160	160	160	162	162	162	158	160	160	160	160	154	154	154	154	158
3D EFFECT SHELL PRESSURE, "HG	22"	23"	23"	23	23"	23"	23"	23	23	23	23	22	22	22"	23	23"	23"	23"	23"	23	23	23	23	23
CONDENSATE TO COOLER, TEMPERATURE, °F	134	134	134	136	136	136	136	138	138	136	138	158	140	140	134	136	136	136	136	132	132	132	132	134
CONDENSATE FROM COOLER, TEMPERATURE, °F	90	92	92	92	92	92	92	94	94	94	94	92	92	94	90	92	92	90	90	90	90	90	90	90
BRINE OVERBOARD, TEMPERATURE, °F	130	130	130	130	130	130	130	120	120	120	120	135	140	135	128	132	132	132	134	110	110	110	110	128
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
AIR EJECTOR DRAINS, TEMPERATURE, °F																								
CIRC. WATER INJECTION, TEMPERATURE, °F	70	70	70	70	70	70	70	74	74	74	74	67	67	67	67	67	67	68	68	70	70	70	70	70
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	70	70	70	70	70	70	70	74	74	74	74	67	67	67	67	67	67	68	68	70	70	70	70	70
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F	—		—									—	—	—	—	—	—	—	—	—	—	—	—	
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F	—		—									—	—	—	—	—	—	—	—	—	—	—	—	
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F	—		—									—	—	—	—	—	—	—	—	—	—	—	—	
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	—		—									152	—	—	—	—	—	—	—	—	—	—	—	
FEED TO 1ST EFFECT, TEMPERATURE, °F	150	150	150	150	150	150	150	146	146	146	146	—	152	154	150	154	156	154	154	148	148	148	148	146
CIRC. WATER OVERBOARD, TEMPERATURE, °F	90	90	90	94	94	94	94	96	94	94	94	100	100	100	90	90	90	94	94	90	90	90	90	90
CIRC. PUMP SUCTION PRESSURE, #G	5	5	4	4	4	4	4	4	4	4	4	6	6	5	10	3	3	4	4	3	3	3	3	3
CIRC. PUMP DISCHARGE PRESSURE, #G	22"	22	22	18	18	19	18	18	18	18	18	20	20	20	23"	18	18	18	18	18	18	18	18	15
BRINE PUMP SUCTION PRESSURE, #G	25"	25"	25"	25"	25"	25"	25"	25	25	25	25	25	25"	25"	25"	25"	25"	26"	26"	22	22	22	22	25
BRINE PUMP DISCHARGE PRESSURE, #G	23	23	23	30	30	30	26	26	26	26	26	31	25	23	20	34	34	30	30	32	32	32	32	30
FEED PUMP SUCTION PRESSURE, #G				—	—	—	—					—	—			—	—	—	—	—	—	—	—	
FEED PUMP DISCHARGE PRESSURE, #G				—	—	—	—					—	—	—		—	—	—	—	—	—	—	—	
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	2	2	1	1	0	0	0	0	0
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	58	58	59	58	58	58	58	58	58	58	58	59	59	59	58	58	58	58	58	58	58	58	58	58
F. W. PUMP DISCHARGE PRESSURE	10	8	10	10	10	10	10	10	10	10	10	10	10	10	10	10	15	10	12	10	10	10	10	8
FEED DENSITY, 32NDS	~~1.7~~	~~1.7~~																						
BRINE OVERBOARD DENSITY, 32NDS	1.7	1.7	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.7	2.1	3.0	3.0	1.6	1.5	1.5	1.5	1.5	1.5	1.7
SALINITY TEST CHEMICAL	20	20	20	20	20	20	20	20	20	20	20	20	30	20	20	3	3	3	3	20	20	20	20	20
AIR EJECTOR DRAINS, SALINITY - E. P. M.	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.03	.02	.02	.02	.02	.0	.0	.0	.0	.01
1ST EFFECT DRAINS, SALINITY—E. P. M.	0	0	.0	0	0	.0	.0	0	.0	.0	.0	0	0	0	0	0	0	0	.0	.0	.0	.0	.0	0
CONDENSATE FROM COOLER, SALINITY—E. P. M.	.06	.06	.06				.06	.06	.06	.06	.06	.15	.15	.15	.06				.06	.06	.06	.06	.06	.06

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
0000	08339800		
0100	08327100	1,300	
0200	08326300	1,200	
0300	08329700	1,400	
0400	08330900	1200	
0500	08332400	~~1100~~	1500
0600	08333600		1200
0700	08334900		1300
0800	08336100	1200	
0900	08337400	1300	
1000	08338600	1200	
X 1100	08309500	1200	
1200	08310600	1100	
1300	08311800	1200	
1400	08313000	1200	
1500	08314300	1300	
1600	08315800	1500	
1700	08317000	1200	
1800	08318300	1300	
1900	08319500	1200	
2000	08320800	1300	
2100	08322100	1300	
2200	08323400	1300	
2300	08324700	1300	
2400	08325800	1100	
		~~23300~~ 23500	

* *Indicate under REMARKS number of tanks being filled.*

SCALING RECORD

	EFFECT NO. 1	NO. 2	NO. 3
DATE LAST SCALED			
HOURS BROUGHT FORWARD	~~Scaled~~	~~Scaled~~	~~Scaled~~
HOURS THIS DATE			
HOURS TO DATE			
GALLONS BROUGHT FORWARD	26900		
GALLONS THIS DATE			
GALLONS TO DATE			

CHECKED (Signature)

APPROVED

(Engineer Officer, U. S. N.)

NAVSHIPS 3076 (REV. 11-50) BACK

REMARKS

NOV-26-66

0000-0400

1 182 evap. dist. to #3 port & stbd.

SIGNED J. L. Hawkins

0400-0800

0400 #1 Evap Dist to #1 stbd
0500 Filled #1 Hotevap Tank.
0700 shifted #1 Evap to #2 stbd.
Dumped #1 stbd To Bilge.

#1 port 12' Test 2 Drops
#1 stbd 2' Test salty

#2 port Mt. Test
#2 stbd 7' Test 2 Drops

SIGNED R. Shepard

0800-1200

#1 & 2 Evap. Dist to #3 Port & Stbd.

WATER DIST. FOR LAST (24 HRS)

~~5400~~ 30,300 GALS

SIGNED E. A. Magalhaes

NOV-25-66

1200-1600

1 evap. dist. to #3 port & stbd.

SIGNED J. L. Hawkins

1600-2000

#1 Evap Dist To #3 port & stbd

SIGNED R. Shepard

2000-2400

#1 & 2 Evap Dist. To #3 Port & Stbd...

SIGNED E. A. Magalhaes

Stocked in CDS

For disposal of this record see current Records Disposal Instructions for Vessels of the U. S. Navy.

#2

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
0000			
0100	03536900	1100	
0200	03537800	1100	
0300	03539000	1200	
0400	03540100	1100	
0500	03541500	~~1400~~	1400
0600	03542600		1100
0700	03543700		1100
0800	03544800	1100	
0900	03545900	1100	
1000	03547000	1100	
1100	03548100	1100	
1200			
1300			
1400			
1500			
1600			
1700			
1800			
1900			
2000	03550900		
2100	03553200	1300	
2200	03553300	1100	
2300	03554500	1200	
2400	03555600	1100	
		6400	

* *Indicate under REMARKS number of tanks being filled.*

SCALING RECORD

	EFFECT NO. 1	NO. 2	NO. 3
DATE LAST SCALED			
HOURS BROUGHT FORWARD			
HOURS THIS DATE			
HOURS TO DATE			
GALLONS BROUGHT FORWARD			
GALLONS THIS DATE			
GALLONS TO DATE			

CHECKED (Signature)

APPROVED

(Engineer Officer, U. S. N.)

NAVSHIPS 3676 (REV 11-50) BACK

REMARKS

0000–0400

#1 & #2 Evap dist to #3 port & stbd.

SIGNED E Shackleford

0400–0800

@ 0400 #2 Evap Dist to #2 Stld
@ 0500 Filled #2 Hotwell Tank.

SIGNED R. Shepard

0800–1200

#1 & #2 Evap. Dist. to #3 Port & Stbd.

WATER DIST. LAST 12 HOURS
17,200 GALS

SIGNED E. A. Magallanes

1200–1600

SIGNED

1600–2000

@ 1845 Lit off #2 Evap.
@ 1900 Brine pump stopped secured #2 plant
@ 1930 Lit off #2 Unit - Dist. To Bilges

SIGNED R. Shepard

2000–2400

#1 & #2 Evap Dist to #3 Port & Stbd...

SIGNED E. A. Magallanes

Stocked in CDS

For disposal of this record see current Records Disposal Instructions for Vessels of the U. S. Navy.

NAVSHIPS 3676 (REV. 11-60)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY Y — U. S. S. Gen John pope 7AP 110 — PLANT NO. 2

AT ANCHOR — TIME: ZONE DESCRIPTION — SET CLOCKS AHEAD OR BACK — MINUTES AT — DATE Nov - 25 , 19 66

	Nov. 26-66 HOUR ENDING																								
	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
STEAM TO REG. VALVE, PRESSURE #G	7	7	7	7	7	7	7	6	6	6	6									7	7	7	7	7
STEAM FROM REG. VALVE, PRESSURE #G	1	1	3	2	2	2	2	1	1	1	1									0	0	0		1
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	2	2	4	2	2	3	3	3	2	2	2									5	5	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	235	245	240	225	230	230	230	235	235	230	230									240	240	240	240	
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	200	200	205	205	205	205	205	200	200	200	200									190	190	190	190	200
1ST EFFECT SHELL PRESSURE, "HG	8"	8"	8"	8"	8"	8"	9"	8	8	8	8									11	11	11	10	10"
2D EFFECT COIL DRAIN, TEMPERATURE, °F	—	—	—	—	—	—	—	—	—	—	—									—	—	—	—	—
2D EFFECT SHELL PRESSURE, "HG	17"	17"	17"	17"	17"	17"	18"	18	18	18	18									19	19	19	19	19
3D EFFECT COIL DRAIN, TEMPERATURE, °F	158	158	160	160	160	158	160	154	154	154	154									150	150	154	154	150
3D EFFECT SHELL PRESSURE, "HG	—	—	—	—	—	—	—													—	—	—	—	—
CONDENSATE TO COOLER, TEMPERATURE, °F	135	135	136	138	138	140	140	138	138	135	135									136	136	136	136	135
CONDENSATE FROM COOLER, TEMPERATURE, °F	—	—	—	—	—	—	—													—	—	—	—	—
BRINE OVERBOARD, TEMPERATURE, °F	110	110	110	120	124	136	136	110	120	120	120									110	110	112	112	110
STEAM TO AIR EJECTOR, PRESSURE, #G	90	90	90	88	88	88	88	88	88	88	88									90	90	90	90	90
AIR EJECTOR DRAINS, TEMPERATURE, °F																				—	—	—	—	
CIRC. WATER INJECTION, TEMPERATURE, °F	70	70	70	70	70	70	70	74	74	74	74									70	70	70	70	70
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	70	70	70	70	70	70	70	74	74	74	74									70	70	70	70	70
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F	—																			—	—	—	—	
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F	—																			—	—	—	—	
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F	110	110	110	110	110	116	110	110	110	110	110									105	105	105	105	
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	131	131	132	132	132	130	132	126	126	126	126									122	122	122	122	122
FEED TO 1ST EFFECT, TEMPERATURE, °F	152	152	154	156	156	156	156	156	156	156	156									142	142	142	142	142
CIRC. WATER OVERBOARD, TEMPERATURE, °F	90	90	90	90	90	96	90	94	94	94	94									92	92	92	92	90
CIRC. PUMP SUCTION PRESSURE, #G	3	3	3	3	3	3	3	3	3	3	3									3	3	3	3	3
CIRC. PUMP DISCHARGE PRESSURE, #G	22	22	22	20	20	20	20	20	20	20	20									21	21	21	21	21
BRINE PUMP SUCTION PRESSURE, #G	25"	25"	25"	25"	25"	25"	25"	25	25	25	25									25	25	25	25	25
BRINE PUMP DISCHARGE PRESSURE, #G	27	27	27	24	24	25	22	30	30	30	30									26	26	28	28	25
FEED PUMP SUCTION PRESSURE, #G	13"	15"	15	15	15	15	15	15	15	15	15									15	15	15	15	15
FEED PUMP DISCHARGE PRESSURE, #G	15	15	15	16	17	18	16	20	20	20	20									16	16	16	16	16
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	0	0	2	2	2	2	2	2	2	2	2									0	0	0	0	0
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	52	52	54	52	52	50	50	54	54	54	54									53	53	53	53	52
F. W. PUMP DISCHARGE PRESSURE	10	10	8	10	10	10	10	10	10	10	10									10	10	10	10	10
FEED DENSITY, 32NDS																								
BRINE OVERBOARD DENSITY, 32NDS	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5									1.5	1.5	1.5	1.5	1.6
CHEMICAL TEST	20	20	20	20	20	20	20	20	20	20	20									20	20	30	30	20
AIR EJECTOR DRAINS, SALINITY E. P. M.	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02									.02	.02	.02	.02	.02
1ST EFFECT DRAINS, SALINITY—E. P. M.	0	0	02	0	0	0	.02	0	0	0	0									0	0	0	0	0
CONDENSATE FROM COOLER, SALINITY—E. P. M.	.04	.01	02					.02	.02	.02	.02									.04	.04	.04	.04	.04