REMARKS

1200-1600 WATCH
AT Anchor Port of Qui Nhon VietNAM. Mach INoperation. Main unit on Jacking Gear with Vacum up on 2nd stage 1+2 Boilers 1+2 FF Blowers 1+2 FCS pumps 1+2 MN FD pumps MN+Aux Air Ejectors MN+Aux Circ pumps MN+Aux Cond pumps 1+2 Aux Generators LO purifier LOS pump MN AIR Compressor F.R+SAN pump A.C Unit Tickdong on All #2 3 ½-4 +1½ FO TKS secured LO purifier @ 1250 Cleaned + back in service @ 1300 Bilges At A safe Level Checked Steering ER. Made Routine Rounds on Mach + Engr Spaces

Oiler Stallworth FWT Morgan Refer Allen — WATCH ENGR'S SIGNATURE- [signature]

1600-2000 WATCH
At anchor [illegible] Viet Nam. Steaming as before. Shifted and Cleaned F.O. Disch. strainer to #1 + 2 boilers Checked operating mach. Inspected E. room. bilges at safe level.

OILER-QUEEN F/W LINDSLEY REF. GINTEL — WATCH ENGR'S SIGNATURE- [signature]

2000-2400 WATCH
At anchor, Qui Nhon, Viet Nam Machinery in operation as before Clean + Shift L.O. Strainers #1 + 2 Generators, Pumped Bilges + Cargo holds by permission of Bridge, Made Rounds + Insp of Mach + Engine spaces

Oiler Lovell, FW Lindsley, Refer Gintel, — WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH
AT Anchor Qui Nhon Viet NAM Mach INoperation AS Before. changed and Cleaned F.O. burners. Inspected + Cleaned main L.O. strainer. Daily test of Stby L.O. pump For 1-hr Bilges At A safe Level Checked Steering E.R. Made Routine Rounds on Mach + Engr Spaces.

Oiler Stallworth FWT Morgan Refer Allen — WATCH ENGR'S SIGNATURE- [signature]

0400-0800 WATCH
At anchor Qui Nhon Viet Nam. Steaming as before. Shifted and Cleaned main L.O. strainer. Shifted + Cleaned F.O. Suct. strainer. Made Checks on operating mach. + outside Eng. spaces.

[illegible] QUEEN F/W LINDSLEY REF. GINTEL — WATCH ENGR'S SIGNATURE- [signature]

0800-1200 WATCH
at Anchor Qui Nhon Viet Nam, Mach in operation as before, cleaned + shift L.O. strainers # 1+2 Generators. pumped Cargo Holds, Bilges at Safe level. Made Rounds + Insp of mach + Eng. spaces.
1015 to 1030 Man overboard Drill

Oiler Lovell - FW Houser Reefer Beans. — WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS 216	HOURS 1774
AKL 87	AKL [illegible]
T-AKL [illegible]	T-AKL [illegible]
SAL. [illegible]	SAL. [illegible]
PHOS. [illegible]	PHOS. [illegible]
R.ph [illegible]	R.ph [illegible]

CHIEF ENGR'S SIGNATURE- [signature]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	7-F	At Qui Nhon Vietnam		P2-S2-R2	24-25-Feb-67

		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)		1105 8740	1105 8710	1105 9250	1105 9600	1106 0340	1106 0910
F.O. CONSUMED		520	570	540	550	540	570
MACHINERY PARTICULARS	PRESSURES: THROTTLE	-	-				
	H.P. AHEAD	-	-				
	L.P. AHEAD	-	-				
	VACUUM	25.5	25.5	25.5	25.5	25.5	25.5
	L.O. TO TURBINES	12.5	12.5	12	12.5	12.5	12
	AUX. STEAM	150	150	150	150	150	150
	BACK PRESSURE	9	9	9	9	9	9
	GLAND STEAM	1.0	1.0	1.0	1.0	1.0	1.0
	H.P. BLEEDER	-					
	I.P. BLEEDER	-					
	L.P. BLEEDER	-					
	TEMPERATURES: STEAM AT THROTTLE	-	-				
	L.P. EXHAUST	127	127	127	127	127	127
	CONDENSATE	86	86	90	85	85	85
	CIRC. WATER IN	73	73	72	73	75	74
	CIRC. WATER OUT	74	74	75	74	76	75
	L.O. TO COOLERS	112	112	112	110	113	110
	L.O. FROM COOLERS	109	109	108	107	109	108
	TEMPERATURE THRUST BEARING	-				-	
	FORWARD H.P. ROTOR BEARING	-	-			-	

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) 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	104/100	-	100		-	98
	1ST STAGE FEED WATER HEATER						
	D. C. FEED WATER HEATER	240	240	238	240	240	238
	3RD STAGE FEED WATER HEATER		-				
BOILER PARTICULARS TEMPERATURES	F.O. TO BURNERS	180/180	150/150	150/150	165/165	165/165	170/170
	F. O. BACK PRESSURE	10/10	10/10	10/10	10/10	10/10	10/10
	AIR TO FURNACE	1.0/1.0	1.0/1.0	1.0/1.0	1.0/1.0	1.0/1.0	1.0/1.0
	SALINITY UPTAKE	.41	.41	.41	.41	.41	.41
	MAIN STEAM	440	440	440	440	440	440
BOILER PARTICULARS PRESSURES	SUPER HEAT	-	-				
	F.O. TO BURNERS	160/160	155/155	155/155	155/155	155/155	155/155
	F.O. TEMP. IN SETTLING TANKS	90/90	90/90	90/90	90/90	90/90	90/90
	PORT BOILER UPTAKE	365	365	360	365	365	360
	STBD. BOILER UPTAKE	290	290	290	300	300	300
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	91	88	86	86	84	86
	FIRE ROOM TEMPERATURE	91	88	86	86	84	86
	NOZZLES IN USE	-	-			-	
	NO. OF BURNERS IN USE	2	2	2	2	2	2
	BURNER TIP SIZE	53/60	53/60	53/60	53/60	53/60	53/60
	CO_2 % PORT BOILER						
	CO_2 % STBD. BOILER						
	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	440		9	120	110		62	1250	1250	235
	2	1200	440		7	130	117		62	IDLING		235
1600 TO 2000	1	1200	440		9	130	110		62	1200	1200	235
	2	1200	440		7	130	117		62	IDLING		235
2000 TO 2400	1	1200	440		9	120	110		62	IDLING		235
	2	1200	440		7	133	119		62	1200	1200	235
2400 TO 0400	1	1200	440		9	119	109		62	IDLING		235
	2	1200	440		7	132	118		62	1350	1350	235
0400 TO 0800	1	1200	440		9	119	118		62	~~100~~	—	235
	2	1200	440		9	132	132		62	1150	1150	235
0800 TO 1200	1	1200	440		9	120	109		62	IDLING		235
	2	1200	440		7	132	118		62	1200	1200	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	1106 0910	BOILER WATER	ON HAND AT START OF DAY	240
	METER PREVIOUS NOON	1105 7560		EVAPORATED OR RECEIVED	24
	CONSUMED BY METER	3350		ON HAND	237
	ON HAND AT START OF DAY	14,579		CONSUMED	27
	RECEIVED DURING DAY	160	LUBE OIL	ON HAND AT START OF DAY	2400
	EXPENDED DURING DAY	14,419		RECEIVED	-0-
	REMAINING ON BOARD	—		ON HAND	2395
DOMESTIC WATER	ON HAND AT START OF DAY	921		CONSUMED	5
	EVAPORATED OR RECEIVED	169	DIESEL OIL		1308
	ON HAND	990	ON HAND		1305
	CONSUMED	100	CONSUMED		3

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

4 4 4 4

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4	4	4	4

SUMMARY

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

REMARKS

1200-1600 WATCH
AT ANCHOR QUI NHON VIETNAM. MACH INOPERATION #1&2 BOILERS 1&2 FW BLOWERS 1&2 F.O.S PUMPS 1&2 MN. FD. PUMPS. MN & AUX AIR EJECTORS. MN & AUX CIRC PUMPS MN & AUX COND. PUMPS. 1&2 AUX GENERATORS. EMERSON PUMP. L.O. PURIFIER. L.O.S PUMP MAIN AIR COMPRESSOR. A.C. UNIT. VACUUM UP ON MN UNIT WITH JACKING GEAR RUNNING. PUMPED UP PORT SETTLERS FROM #4 & 6 BB FO TKS. WEEKLY TEST OF EMERGENCY EQUIPMENT & SAFETY DEVICES. CHANGED & CLEANED F.O. BURNERS IN #1&2 BOILERS. CHECKED STEERING ER. BILGES AT A SAFE LEVEL. MADE ROUTINE INSPECTIONS OF MACH + ENGS SPACES.

OILER STALLWORTH FWT MORGAN REFER ALLEN — WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH
At anchor QUI NHON Viet Nam. Steaming as before. Shifted and Cleaned F.O. disch. strainer to #1+2 boilers. Checked all operating mach. and Outside Eng. spaces. Changed & Cleaned burner in #1+2 boilers.

OILER-QUEEN-F/W LINDSLEY-REF-GINTEL. — WATCH ENGR'S SIGNATURE- Hm Jones.

2000-2400 WATCH
at Anchor Qui Nhon Viet Nam, mach in operation as before. @ 2030 Put #2 Gen on Line #1 Idling. Cleaned & Changed L.O. Strainers #1+2 Generators, Cleaned & Changed Burners #1+2 Boilers, Made Rounds + Insp of Mach + Eng Spaces. Bilges at Safe Level.

Oiler Lovell FWT Highers Reefer - Beans — WATCH ENGR'S SIGNATURE- R Summers.

2400-0400 WATCH
AT ANCHOR QUI NHON VIETNAM. MACH INOPERATION AS BEFORE. CHANGED & CLEANED F.O. BURNERS IN 1&2 BOILERS. DAILY TEST OF STBY L.O. PUMP FOR 1 HR. INSPECTED & CLEANED MAIN L.O. DISCH STRAINERS. CHECKED STEERING ER. BILGES AT A SAFE LEVEL. MADE ROUTIN CHECKS OF MACH + ENGS SPACES.

OILER STALLWORTH FWT MORGAN REFER ALLEN — WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH
at anchor QUI NHON Viet Nam. Steaming as before. Shifted & Cleaned F.O. suct. strainer, shifted & cleaned L.O. strainer to main unit. Checked all operating mach. insp. outside Eng. spaces.

OILER-QUEEN F/W LINDSLEY REF-GINTEL — WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH
at Anchor Qui Nhon, VietNam. mach as before, Cleaned Burners Shift + Clean FO Disch Strainers, Shift + Clean L.O. Strainers #1+2 Generators. Made Rounds + Insp of Mach + Eng spaces.

Oiler Lovell FWT Highers - Reefer Beans. — WATCH ENGR'S SIGNATURE- R Summers.

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS 240	HOURS 1798
AKL 8/8	AKL 8/8
T-AKL 1285	T-AKL 1285
SAL. 3.73	SAL. 4.14
PHOS. 50	PHOS. 50
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [signature]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen. John Pope TAP-110	7-F	Qui Nhon Vietnam		P2-S2-R2	25-26-Feb-61

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME			120	240	240	240	240
DETENTION TIME							
REVOLUTION COUNTER (END OF WATCH)			2302 1930	2304 5270	2306 8790	2309 2230	2311 5230
TOTAL REVOLUTIONS (FOR WATCH)			9340	23340	23520	23440	23000
AVERAGE RPM			77.8	97.2	98.0	97.6	95.8
F.O. METER (END OF WATCH)		1106 1700	1106 3950	1106 6270	1106 9700	1107 2620	1107 5410
F.O. CONSUMED		790	2250	2320	2430	2860	2790
MACHINERY PARTICULARS – PRESSURES	THROTTLE	440	430	440	435	435	440
	H.P. AHEAD		430	440	435	430	440
	L.P. AHEAD	—	26	26	27	27	27
	VACUUM	25.5	28.8	28.5	28.5	28.5"	28.5
	L.O. TO TURBINES	12.5	12	12	12	12	12
	AUX. STEAM	150	150	150	150	150	150
	BACK PRESSURE	9	9	9	9	9	9
	GLAND STEAM	1.0	2.0	1.0	1.0	.5	.5
	H.P. BLEEDER	-	6.5"	65	70	62	62
	I.P. BLEEDER	-	6	6	6	6	6
	L.P. BLEEDER	-	10"	10"	8"	8"	10"
MACHINERY PARTICULARS – TEMPERATURES	STEAM AT THROTTLE	-	685	670	685	695	690
	L.P. EXHAUST	119	110	110	110	108	110
	CONDENSATE	84	100	106	105	104	105
	CIRC. WATER IN	74	80	78	80	80	78
	CIRC. WATER OUT	76	90	90	90	90	92
	L.O. TO COOLERS	109	126	126	127	126	127
	L.O. FROM COOLERS	107	108	108	109	108	109
	TEMPERATURE THRUST BEARING	-	118	117	118	118	118
	FORWARD H.P. ROTOR BEARING	-	153	123	124	124	124

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING	-	135	136	135	135	136
	FORWARD L. P. ROTOR BEARING	-	128	132	130	133	132
	AFT. L.P. ROTOR BEARING	-	128	128	130	128	127
	HOTTEST GEAR BEARING FORWARD	-	155	152	153	150	153
	HOTTEST GEAR BEARING AFT	-	143	145	145	145	145
	AUX. COND. CONDENSATE		—	106	108		108
	1ST STAGE FEED WATER HEATER		162	164	162	162	162
	D. C. FEED WATER HEATER	240	240	238	240	238	238
	~~3RD STAGE FEED WATER HEATER~~ H.P. / L.P.	-	—				
BOILER PARTICULARS – TEMPERATURES	F.O. TO BURNERS P/S	200/200	200/200	200/200	200/200	190/195	190/195
	F. O. BACK PRESSURE P/S	10/10	12	12/12	12/12	13/11	12/12
	AIR TO FURNACE P/S	10/10	6.5/7.0	6.0/6.0	6.0/6.0	6.2/7.4	6.0/6.0
	~~SPLIT AY UPTAKE~~	.41	.41	.41	.41	.41	.41
	MAIN STEAM	440	440	440	435	435	440
BOILER PARTICULARS – PRESSURES	SUPER HEAT		685	670	675	695	690
	F.O. TO BURNERS P/S	160/160	155/155	155/155	155/155	150/160	155/155
	F.O. TEMP. IN SETTLING TANKS P/S	95/95	90/95	90/95	90/95	85/95	85/90
	PORT BOILER UPTAKE	370	365	345	345	350	345
	STBD. BOILER UPTAKE	275	350	370	380	380	365
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	90	90	89	89	88	88
	FIRE ROOM TEMPERATURE	90	90	89	89	88	88
	NOZZLES IN USE	—	18	18	18	18	18
	NO. OF BURNERS IN USE	2	6	6	6	6	6
	BURNER TIP SIZE	53/70	53/70	53/70	53/70	53/70	53/70
	CO_2 % PORT BOILER		—				
	CO_2 % STBD. BOILER		—				
	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	440		9	120	110		62			235
	2	1200	440		7	132	119		62	1250	1250	235
1600 TO 2000	1	1200	440		9	120	110		62	650	650	235
	2	1200	440		7	132	119		62	500	500	235
2000 TO 2400	1	1200	440		9	120	110		62	700	700	235
	2	1200	440		7	134	122		62	700	700	235
2400 TO 0400	1	1200	435	685	9	120	110		62	750	750	235
	2	1200	435	685	7	134	122		62	700	700	235
0400 TO 0800	1	1200	460	695	9	120	110		61	800	800	235
	2	1200	460	695	7	134	122		63	700	650	235
0800 TO 1200	1	1200	460		9	120	110		62	700	700	235
	2	1200	460		7	132	119		62	700	700	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11075410	BOILER WATER	ON HAND AT START OF DAY	237
	METER PREVIOUS NOON	11060910		EVAPORATED OR RECEIVED	29
	CONSUMED BY METER	14500		ON HAND	231
	ON HAND AT START OF DAY	14419		CONSUMED	35
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	2395
	EXPENDED DURING DAY	662		RECEIVED	-0-
	REMAINING ON BOARD	13757		ON HAND	2390
DOMESTIC WATER	ON HAND AT START OF DAY	990		CONSUMED	5
	EVAPORATED OR RECEIVED	184	DIESEL OIL		1306
	ON HAND	1020	ON HAND		1303
	CONSUMED	154	CONSUMED		2

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

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4	4	4	4

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4	4	4	4

SUMMARY

RUNNING TIME	1080	PERCENT OF SLIP	P 5.13.6
DETENTION TIME	-0-	BBL FUEL/MI	1.53 1.76
TOTAL REVOLUTIONS	100605	WIND DIRECTION	040°
AVERAGE R.P.M.	94.9	STATE OF SEA	moderate
TOTAL MILES BY ENGINE	375	STATE OF WEATHER	72°
TOTAL MILES BY OBSERVATION	324		

REMARKS

1200-1600 WATCH At Anchor Qui Nhon Vietnam. Mach in operation 1+2 Boilers 1+2 F.D. Blowers. 1+2 F.O. pumps 1+2 Main F.D. pumps. Main Air Compressor. Main Aux Circ pump Main Aux Cond pumps. Main Aux Air Ejector. L.O. purifier. L.O.S. pump. 1+2 Aux Generators. Fire + San pump A.C. Unit. Topped off Port Settlers From #4 P DBB. Called out plumber to Correct Sink in troop Galley ½ Clc @ 1430. Wheel Clearance + Permission to test Main Unit @ 1502 Disengaged Jacking Gear @ 1522. Open M.S. B.S. @ 1530 + Started Warming up Main Unit. Started Stby L.O. pump @ 1540. Made Routine Rounds on Mach + Eng's spaces.

Oiler Stallworth FWT Morgan Refer Allen

WATCH ENGR'S SIGNATURE- George Burney

1600-2000 WATCH At anchor QUINHON Viet Nam. Main + aux Plants lit-off warming up main Eng. with Steam. 1611 test Eng. telegraph. 1715 put turbo #1 on line 1727 sea detail stations manned. 1730 set sea detail 1730 Stby. 1800 Dept. 1800 opened 18 Nozz. 1820 shifted to low sea suct. 1830 up to speed. 1849 Sun set Closed W.T. Doors. Checked all operating mach. insp. outside Eng. spaces. STBY. CTR. 23011760 - P.FOM - 7225670 - S-FOM - 3836870. Dept. CTR. 23011760 - P-FOM - 7225810 S-FOM - 3837600.

WATCH ENGR'S SIGNATURE- Hm Jones

2000-2400 WATCH Underway Steaming 18 Nozzles, Machinery in operation as before, Cleaned top Burners #1+2 Boiler, Cleaned + Shift F.O. disch strainers P+S, Clean + Shift L.O. strainers #1+2 Turbo Generators, Made Rounds + Insp. of Mach + Eng. spaces.

@ 2300 Shift F.O. Settlers to Inboard tank

Oiler-Sewell - FW Highers, Jr Eng Houser, Refer Beens.

WATCH ENGR'S SIGNATURE- R. Summers

2400-0400 WATCH Underway on 18 Nozz Mach As Before Changed + Cleaned Center F.O. Burners P/S disch strainers. Pumped up Port Settlers From #4 C DBB TK Inspected + Cleaned Main L.O. disch strainer Pumped Bilges Checked Steering i.e. Gear. Made Routine Rounds on Mach And Engs Spaces.

WATCH ENGR'S SIGNATURE- George Burney

0400-0800 WATCH Steaming as before, 18 Nozz. Changed bottom burner in #1+2 boilers. Shifted F.O. Disch + Suction strainers to #1+2 boilers. Shifted main L.O. Disch. strainer. 0600 Sun rise opened W.T. doors. Made rounds of Eng. spaces + Checked all operating mach.

WATCH ENGR'S SIGNATURE- Hm Jones

0800-1200 WATCH Underway Steaming 18 Nozz, 0745 to 0820 Blew tubes on #1+2 Boilers Clean + Shift F.O. Disch Strainers P+S., Cleaned + Change Top Burners #1+2 Boilers, Clean + Shift L.O. Strainers #1+2 Turbo Generators Shift to outboard F.O. Settler @ 1030, Made Rounds + Insp of Mach + Eng spaces.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER Jr Engr, Houser, Standing 2000 to 2400 watch for Keelan who is sick.

BOILER WATER READINGS

STB'D	PORT
HOURS 264	HOURS 822
AKL 818	AKL 934
T-AKL 1226	T-AKL 1460
SAL. 4.14	SAL. 4.14
PHOS. 50	PHOS. 50
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [illegible signature]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	76	Qui Nhon VietNam	Pusan Korea	P2-S2-R2	26-27-Feb 67

MACHINERY PARTICULARS

	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)	2313 2300	2316 1170	2318 4300	2320 7320	2323 0340	2325 3390
TOTAL REVOLUTIONS (FOR WATCH)	23130	22810	23130	23020	23020	23050
AVERAGE RPM	96.4	950	96.3	95.9	95.9	96.0
F.O. METER (END OF WATCH)	1107 8520	1108 1130	1108 3990	1108 6850	1108 9700	1109 2470
F.O. CONSUMED	2910	2810	2860	2860	2850	2770
PRESSURES — THROTTLE	435	430	445	440	430	440
PRESSURES — H.P. AHEAD	435	430	445	440	430	440
PRESSURES — L.P. AHEAD	27	26	27	27	27	27
PRESSURES — VACUUM	28.5'	28.5"	28.5"	28.5	28.5"	28.5
PRESSURES — L.O. TO TURBINES	12	12	12	12	12	12
PRESSURES — AUX. STEAM	150	150	150	150	150	150
PRESSURES — BACK PRESSURE	9	9	9	9	9	9
PRESSURES — GLAND STEAM	1.0	.5	1.0	1.0	1.0	1.0
PRESSURES — H.P. BLEEDER	70	62	62	64	60	60
PRESSURES — I.P. BLEEDER	6	6	6	6	6	6
PRESSURES — L.P. BLEEDER	8"	8"	8"	8"	8"	8"
TEMPERATURES — STEAM AT THROTTLE	685	685	690	685	680	680
TEMPERATURES — L.P. EXHAUST	105	105	106	106	105	105
TEMPERATURES — CONDENSATE	102	100	102	101	100	101
TEMPERATURES — CIRC. WATER IN	76	78	74	74	78	75
TEMPERATURES — CIRC. WATER OUT	88	88	86	86	88	86
TEMPERATURES — L.O. TO COOLERS	126	127	126	126	126	126
TEMPERATURES — L.O. FROM COOLERS	108	109	108	108	108	108
TEMPERATURES — TEMPERATURE THRUST BEARING	117	118	117	117	118	117
TEMPERATURES — FORWARD H.P. ROTOR BEARING	123	124	123	122	124	124

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

	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	135	135	135	135	135	135
FORWARD L. P. ROTOR BEARING	130	132	131	130	133	130
AFT. L.P. ROTOR BEARING	127	128	128	127	128	127
HOTTEST GEAR BEARING FORWARD	152	150	152	150	150	150
HOTTEST GEAR BEARING AFT	144	145	145	145	145	145
AUX. COND. CONDENSATE	104/108	—	—	—		
1ST STAGE FEED WATER HEATER	162	160	162	160	158	160
O. C. FEED WATER HEATER	240	238	238	240	238	238
~~3RD STAGE FEED WATER HEATER~~ H.P. / L.P.	150/106					
BOILER TEMPERATURES — F.O. TO BURNERS P/S	200/200	195/180	195/190	195/190	195/195	190/190
F. O. BACK PRESSURE P/S	10/10	12/11	15/13	15/14	13/11	12/12
AIR TO FURNACE P/S	6.0/5.8	5.2/5.2	6.0/6.4	6.0/6.2	6.0/8.4	6.0/6.0
SALINITY ~~UPTAKE~~	.41	.41	.41	.41	.41	.41
MAIN STEAM	435	430	445	440	430	440
BOILER PRESSURES — SUPER HEAT	685	685	690	685	680	680
F.O. TO BURNERS P/S	155/155	155/160	155/160	160/160	165/160	160/160
F.O. TEMP. IN SETTLING TANKS P/S	85/85	88/88	90/90	90/90	90/90	90/90
PORT BOILER UPTAKE	325	320	325	330	330	325
STBD. BOILER UPTAKE	320	315	335	338	350	335
MISCELLANEOUS — ENGINE ROOM TEMPERATURE	88	86	86	87	87	87
FIRE ROOM TEMPERATURE	89	86	86	87	87	87
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					15%	
CO_2 % STBD. BOILER					15½%	
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	685	9	119	109		62	750	750	235
	2	1200	435	685	7	132	120		62	700	700	235
1600 TO 2000	1	1200	460	685	9	118	106		61	650	600	235
	2	1200	460	685	7	132	120		63	750	700	235
2000 TO 2400	1	1200	460	690	9	120	110		62	650	650	235
	2	1200	460	690	7	132	118		62	650	650	235
2400 TO 0400	1	1200	440	685	9	120	110		62	700	650	235
	2	1200	440	685	7	132	118		62	750	750	235
0400 TO 0800	1	1200	460	680	9	120	110		61	850	800	235
	2	1200	460	680	7	132	120		63	700	650	235
0800 TO 1200	1	1200	440	680	9	120	109		62	750	750	235
	2	1200	440	680	7	132	122		62	750	750	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11092470	BOILER WATER — ON HAND AT START OF DAY	221
	METER PREVIOUS NOON	11075410	EVAPORATED OR RECEIVED	36
	CONSUMED BY METER	17060	ON HAND	213
	ON HAND AT START OF DAY	13,757	CONSUMED	44
	RECEIVED DURING DAY	-0-	LUBE OIL — ON HAND AT START OF DAY	2390
	EXPENDED DURING DAY	731	RECEIVED	-0-
	REMAINING ON BOARD	13,026	ON HAND	2385
DOMESTIC WATER	ON HAND AT START OF DAY	1020	CONSUMED	5
	EVAPORATED OR RECEIVED	162	DIESEL OIL	1303
	ON HAND	1035	ON HAND	1300
	CONSUMED	145	CONSUMED	3

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

4	4	4	4	4	4

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4	4	4	4

SUMMARY

RUNNING TIME	1440	PERCENT OF SLIP	Pos. 17.8
DETENTION TIME	-0-	BBL FUEL/MI	1.45 / 1.76
TOTAL REVOLUTIONS (ANS.)	135,265	WIND DIRECTION	060°
AVERAGE R.P.M.	93.9	STATE OF SEA	8' swells
TOTAL MILES BY ENGINE	504	STATE OF WEATHER	68°
TOTAL MILES BY OBSERVATION	414		

REMARKS

1200-1600 WATCH Underway on 12 Nozz. Mach 2 Noperation #1&2 Boilers 1&2 FE Blowers 1&2 F.O.S. Pumps 1&2 MN. FD pumps MN & Aux Air Ejectors MN & Aux Circ pumps MN & Aux Cond pump L.O. purifier L.O.S. pump MN Air Compressor 1&2 Aux Generators AC Unit Fire & San pump Stbd Steering Gear. Tested overspeed trip Low L.O. alarm on MN Turbine & Thrott. Pumped up Port Settlers From #4 DBB TK. Changed & Cleaned Center FO burners P/S disch Strainers. Pumped Bilges Fire drill @1400 Secure 1407. Boat drill Secured From drills @1416 Stby @1401 ~~4 @1416~~ Checked Steering E.R. Gear. Made Routine Rounds on Mach & Engs Spaces. added 7 Gals L.O. #2 MN FD Pump.

WATCH ENGR'S SIGNATURE- Henry Burney

1600-2000 WATCH Steaming as before. 1550 to 1615 blew tubes on #1 & 2 boilers. Changed bottom burner in #1 & 2 boilers. Shifted & Cleaned F.O. Disch. Strainer to #1 & 2 boilers. 1821 Sun set. Closed W.T. doors. Made routine inspection of Mach. & Eng. spaces. added (1) one gal oil to #1 feed Pump.

WATCH ENGR'S SIGNATURE- H.m. Jones

2000-2400 WATCH Underway Steaming 18 Nozz, Cleaned & changed top Burners #1 & 2 Boilers. Shift & clean F.O. Disch Strainers P+S. Shift & Clean L.O. Strainers #1 & 2 turbo generators. @ 2100 shift F.O. Settler Suct to Inboard settler. Made Rounds & Insp of Mach & Eng spaces. Added 2 gal L.O. to #1 Feed pumps. added 2 gal L.O. to #2 Feed pumps

Oiler - Lowell FWT Higbee Jr Eng - Houser - Reefer Beems

WATCH ENGR'S SIGNATURE- R Summers.

2400-0400 WATCH Underway on 17 Nozz. Mach As Before. Changed & Cleaned Center F.O. Burners P/S disch. Strainers Pumped up Port Settlers From #4 DBB TK. Daily test of Stby L.O. pump 1-hr. Held Engs Casualty drill B-11 Fuel oil Fire (Fire in Boiler casing) Watch Inst & Bridge Notified 0100-0130 Inspected & Cleaned Main L.O. disch. Strainers. Checked Steering E.R. Gear. Pumped Bilges. Made Routine Rounds on Mach & Engs Spaces.

WATCH ENGR'S SIGNATURE- Henry Burney

0400-0800 WATCH Steaming as before. Changed bottom burner in #1 & 2 boilers. 0520 to 0530 Held fire room Casualty Drill B-11. F.O. fire in Boiler Casing. Watch inst. Bridge notified. Shifted F.O. disch strainer to #2 boiler also shifted F.O. suct. strainer. Gave #1 boiler a bottom blow through make up feed Evap. for one (1) hour. Shifted & Cleaned main L.O. disch. strainer. Made routine insp. of Mach. & Eng. spaces. 0626 sun rise. W.T. Doors opened P/S. Pumped bilges & Cargo holds.

WATCH ENGR'S SIGNATURE- H.m. Jones

0800-1200 WATCH Underway Steaming 18 Nozz, 0800 to 0825 Blew Tubes on #1 & 2 Boilers. Cleaned & Changed top burners #1 & 2 Boilers. Clean & Shift F.O. disch Strainers P+S. Clean & Shift L.O. Strainers #1 & 2 Generators. 0930 to 1000 held Eng Casualty Drill B-11, ~~#~~ Men present Bridge Notified, added 2 gal L.O. to #1 Feed pumps. added 1 gal L.O. to #2 feed pumps, Made Rounds & Insp of Mach & Eng spaces

Jr Engr. 0800 to 1000 - Houser. 1000 to 1200 - Klut.

WATCH ENGR'S SIGNATURE- R Summers

CHIEF ENGINEER

12-16 Cont. Tested Fire pump Relief valve. Poped 125# PSI.

BOILER WATER READINGS Jr Engr. Houser Standing 2000 to 2400 Watch. For Keelan, Who is Sick.

STB'D	PORT
HOURS 288	HOURS 1846
AKL 818	AKL 876
T-AKL 1226	T-AKL 1343
SAL. 4.39	SAL. 4.97
PHOS. 50	PHOS. 60
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [signature]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope Trip 11	7-G	Qui Nhon Vietnam	Pusan Korea	P2-S2-R2	27-28 Feb-67

	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)	2327 5480	2329 7840	2332 0370	2334 3140	2336 6030	2338 9030
TOTAL REVOLUTIONS (FOR WATCH)	22090	22360	22530	22770	22890	23000
AVERAGE RPM	92.0	93.1	93.8	94.9	95.3	95.8
F.O. METER (END OF WATCH)	1109 5180	1109 7860	1110 0500	1110 3170	1110 5780	1110 8340
F.O. CONSUMED	2710	2680	2640	2670	2610	2610
MACHINERY PARTICULARS – PRESSURES – THROTTLE	435	435	440	440	440	440
H.P. AHEAD	435	430	440	440	440	440
L.P. AHEAD	23	22	23	22	22	23
VACUUM	28.2	28.2	28.5	28.6"	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	1.5	1.0	1.0	1.0	.0	1.0
H.P. BLEEDER	64	82	60	62	70	70
I.P. BLEEDER	6	6	6	6	6	6
L.P. BLEEDER	8"	8"	8"	8"	8"	10"
MACHINERY PARTICULARS – TEMPERATURES – STEAM AT THROTTLE	680	685	670	685	690	680
L.P. EXHAUST	110	103	106	101	100	100
CONDENSATE	94	99	100	95	96	96
CIRC. WATER IN	74	78	77	75	76	73/75
CIRC. WATER OUT	90	86	85	84	84	84
L.O. TO COOLERS	128	125	126	127	126	124
L.O. FROM COOLERS	109	108	108	109	109	108
TEMPERATURE THRUST BEARING	118	117	117	118	118	117
FORWARD H.P. ROTOR BEARING	122	123	122	122	118	122

	WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) – TEMPERATURES (CONT'D) – AFT. H. P. ROTOR BEARING	134	135	135	135	135	135
FORWARD L. P. ROTOR BEARING	128	132	128	130	130	130
AFT. L.P. ROTOR BEARING	126	127	128	127	128	128
HOTTEST GEAR BEARING FORWARD	148	155	156	156	155	155
HOTTEST GEAR BEARING AFT	142	143	143	145	143	143
AUX. COND. CONDENSATE		—	100	105		106
1ST STAGE FEED WATER HEATER	164	158	160	158	158	160
D. C. FEED WATER HEATER	240	238	238	240	240	238
3RD ~~STAGE~~ FEED WATER HEATER	[illegible]					
BOILER PARTICULARS – PRESSURES – F.O. TO BURNERS P/S	[illegible]	175/175	180/180	175/175	180/170	175/175
F. O. BACK PRESSURE P/S	10/10	13/11	12/12	12/12	13/11	12/12
AIR TO FURNACE P/S	5.0/5.0	5.0/5.0	5.0/5.0	5.2/5.0	5.4/5.0	5.5/5.5
UPTAKE	.41	.41	.41	.41	.41	.41
MAIN STEAM	435	435	440	440	440	440
BOILER PARTICULARS – TEMPERATURES – SUPER HEAT	680	685	670	685	690	680
F.O. TO BURNERS P/S	160/160	150/155	155/155	155/155	150/160	155/155
F.O. TEMP. IN SETTLING TANKS P/S	85/85	85/85	85/85	95/90	95/95	95/95
PORT BOILER UPTAKE	325	320	330	330	330	325
STBD. BOILER UPTAKE	330	315	325	330	325	315
MISCELLANEOUS – ENGINE ROOM TEMPERATURE	85	84	78	74	72	70
FIRE ROOM TEMPERATURE	85	84	78	74	72	70
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					15%	
CO_2 % STBD. BOILER					15 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	435	680	9	120	110		62	750	750	235
	2	1200	435	680	7	134	122		62	700	700	235
1600 TO 2000	1	1200	460	685	9	115	107		61	650	600	235
	2	1200	460	685	7	132	118		63	700	650	235
2000 TO 2400	1	Secured			—	—			—	—		—
	2	1200	440	670	7	133	119		62	1200	1200	235
2400 TO 0400	2	1200	440	685	7	132	117		62	1400	1400	235
0400 TO 0800	1				SEC							
	2	1200	460	690	7	130	116		63	1500	1500	235
0800 TO 1200	2	1200	440	680	7	130	116		62	1200	1200	235

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT NOON	11108390	BOILER WATER	ON HAND AT START OF DAY	213
	METER PREVIOUS NOON	11092470		EVAPORATED OR RECEIVED	73
	CONSUMED BY METER	15920		ON HAND	260
	ON HAND AT START OF DAY	13,026		CONSUMED	26
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	2385
	EXPENDED DURING DAY	741		RECEIVED	-0-
	REMAINING ON BOARD	12,285		ON HAND	2380
DOMESTIC WATER	ON HAND AT START OF DAY	1035		CONSUMED	5
	EVAPORATED OR RECEIVED	121	DIESEL OIL		1300
	ON HAND	977	ON HAND		1298
	CONSUMED	179	CONSUMED		2

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

4	4	4	4	4	4

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4	4	4	4

SUMMARY

RUNNING TIME	1440	PERCENT OF SLIP Pos.	14.66
DETENTION TIME	-0-	BBL FUEL/MI	1.49 1.74
TOTAL REVOLUTIONS PNS.	133,604	WIND DIRECTION	030
AVERAGE R.P.M.	92.8	STATE OF SEA	Mod. to Rough
TOTAL MILES BY ENGINE	498	STATE OF WEATHER	56°
TOTAL MILES BY OBSERVATION	425		

REMARKS

1200-1600 WATCH UNderway on 18 Nozz Mach Inoperation 1+2 Boilers 1+2 FD Blowers 1+2 FOS pumps 1+2 MN FD pumps MN+AUX AIR Ejectors MN+AUX Circ pumps MN+AUX Cond pumps MN AIR Compressor 1+2 AUX Generators AC unit LO purifier LOS pump Ericksan pump Stbd Steering Gear. Tested overspeed trip Low LO alarm on MN Turbine + Thrust. Pumped up port Settlers From #3 P/S WB Tks. Engs Casualty @1451 Generators tripped out 1+ @1455 Stby @1452 1+ @145 Power Restored back up to Speed @1515 Chief Engr + 1st Asst witness Casualty Bridge Notified. Secured AC unit @1500. Made Routine Checks of Mach

WATCH ENGR'S SIGNATURE- George Bunney

1600-2000 WATCH Steaming as before. 1550 to 16[illegible] blew tubes on #1+2 boilers. Changed bottom burner in #1+2 boilers. Shifted + Cleaned F.O. Disch. Strainer to #1+2 boilers. Pumped bilges + Cargo holds. Sun set at 1757 Closed W.T. doors. Routine inspection of Mach. + Eng. spaces. Added [illegible] gal Oil Ea. in #1+2 Feed Pumps.

WATCH ENGR'S SIGNATURE- Hm Jones.

2000-2400 WATCH Underway Steaming 18 Nozz, Cleaned + Changed top Burners #1+2 Boilers. Shift + Clean Fo Disch Strainers P+S, Shift + Clean LO Strainers #1+2 Turbo generators, @ 2020 Secured #1 Turbo Generator. added 3 gal LO to #2 Main Feed pump, Made Rounds + Insp of Mach + Eng spaces.

Oiler-Lovell 7th Highes J. Eng Kulen - Rufus Beans.

WATCH ENGR'S SIGNATURE- R Summers.

2400-0400 WATCH UNderway on 18 Nozz Mach As Before. Changed + Cleaned Center FO burners and P/S disch Strainers. pumped up port Settlers From #3 P/S WB tks. Inspected + Cleaned main LO disch Strainer. Daily test of Stby LO pump For 1 hr. Pumped Bilges. Checked Steering ER Gear. Made Routine Rounds on Mach + Engs Spaces.

WATCH ENGR'S SIGNATURE- George Bunney

0400-0800 WATCH Steaming as before. Changed bottom burner in #1+2 boilers. Shifted main L.O. strainer. Shifted F.O. Disch. and suct. strainer to #1+2 boilers. Added Chemicals to #1 boiler, gave #2 boiler (1) one-hour bottom blow through M.O.F. Evap. Sun rise at 0611, W.T. doors opened B/S fan motor in Egg box stoped. at 0655 Notified Ch. Engineer his decision, Call Elect. at 0800. 0715 opened [illegible] to Main Circulator Pump + Secured aux. Circ. Pump. Routine Check of Mach. + Eng. spaces.

WATCH ENGR'S SIGNATURE- Hm Jones.

0800-1200 WATCH Underway Steaming 18 Nozz, 0800 to 0830 Blew tubes #1+2 Boilers, Shift + Clean Fo Disch Strainers, Cleaned + Changed top Burners #1+2 Boilers. Shift + Clean LO Strainer #2 Generator, @ 1030, Stby. Steering Casualty Drill. @1047 Secure Steering Casualty Drill 1047 1+ ahead, Made Rounds + Insp of Mach + Eng spaces. added 2 gal LO to #1 Feed pump, added 2 gal LO to #2 Feed pump, 0830 Secured Sanitary System, 1130 Sanitary System back in Service.

WATCH ENGR'S SIGNATURE- R Summers.

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS 312	HOURS 1870
AKL 584	AKL 876
T-AKL 879	T-AKL 1285
SAL. 2.90	SAL. 4.97
PHOS. 35	PHOS. 50
R.ph 10	R.ph 10

CHIEF ENGR'S SIGNATURE- [signature]

USNS	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
Gen John Pope TAP-110	7-6	Qui Nhon Viet Nam	Pusan Korea	P2-S2-R2	26-Feb-67

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	220			
	DETENTION TIME						
	REVOLUTION COUNTER (END OF WATCH)	2341 2020	2343 5370	2345 6820			
	TOTAL REVOLUTIONS (FOR WATCH)	22990	23350	21450			
	AVERAGE RPM	95.8	97.2	97.5			
	F.O. METER (END OF WATCH)	1111 1060	1111 3670	1111 6060			
	F.O. CONSUMED	2670	2610	2390			
PRESSURES	THROTTLE	435	435	440			
	H.P. AHEAD	435	435	440			
	L.P. AHEAD	21	21	24			
	VACUUM	28.8	29	29			
	L.O. TO TURBINES	12	12	12			
	AUX. STEAM	150	150	150			
	BACK PRESSURE	9	9	7			
	GLAND STEAM	1.0	[illegible]	1.0			
	H.P. BLEEDER	64	[illegible]	60			
	I.P. BLEEDER	6	6	6			
	L.P. BLEEDER	10"	10"	10"			
TEMPERATURES	STEAM AT THROTTLE	675	675	680			
	L.P. EXHAUST	95	93	94			
	CONDENSATE	89	86	87			
	CIRC. WATER IN	66	65	59			
	CIRC. WATER OUT	76	74	72			
	L.O. TO COOLERS	125	127	126			
	L.O. FROM COOLERS	107	108	106			
	TEMPERATURE THRUST BEARING	118	118	117			
	FORWARD H.P. ROTOR BEARING	118	115	112			

		WATCH 1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS (CONT'D) TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING	132	135	135			
	FORWARD L. P. ROTOR BEARING	127	130	127			
	AFT. L.P. ROTOR BEARING	125	128	127			
	HOTTEST GEAR BEARING FORWARD	152	155	155			
	HOTTEST GEAR BEARING AFT	148	143	143			
	AUX. COND. CONDENSATE	105		96			
	1ST STAGE FEED WATER HEATER	156	154	154			
	D. C. FEED WATER HEATER	240	240	238			
	~~3RD STAGE FEED WATER HEATER~~ HP / LP	252 / 155	–				
BOILER PARTICULARS TEMPERATURES	F.O. TO BURNERS P / S	170 / 170	[illegible]	170 / 170			
	F. O. BACK PRESSURE P / S	15 / 14	[illegible]	12 / 12			
	AIR TO FURNACE P / S	5.0 / 5.0	[illegible]	5.0 / 5.0			
	~~UPTAKE~~ Salinity	.41	.41	.41			
	MAIN STEAM	435	[illegible]	440			
PRESSURES	SUPER HEAT	675	675	680			
	F.O. TO BURNERS P / S	155 / 155	155 / 155	155 / 155			
	F.O. TEMP. IN SETTLING TANKS P / S	90 / 95	90 / 95	90 / 90			
Temps	PORT BOILER UPTAKE	325	315	315			
	STBD. BOILER UPTAKE	315	[illegible]	310			
MISCELLANEOUS	ENGINE ROOM TEMPERATURE	67	72	72			
	FIRE ROOM TEMPERATURE	67	72	72			
	NOZZLES IN USE	18	18	18			
	NO. OF BURNERS IN USE	6	6	6			
	BURNER TIP SIZE	53/70	53/70	53/70			
	CO_2 % PORT BOILER		–				
	CO_2 % STBD. BOILER		–				
	OIL LEVEL MAIN SUMP	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	2	1200	435	675	7	128	113		62	1400	1400	235
1600 TO 2000	1				sec							
	2	1200	460	675	7	128	114		63	1350	1350	235
2000 TO 2400	2	1200	440	680	7	126	114		62	1300	1300	235
2400 TO 0400												
0400 TO 0800												
0800 TO 1200												

FUEL - WATER AND LUBE OIL

FUEL OIL	METER AT ~~NOON~~ 2400	1111060	BOILER WATER	ON HAND AT START OF DAY	260
	METER PREVIOUS NOON	1108390		EVAPORATED OR RECEIVED	
	CONSUMED BY METER	7,670		ON HAND	
	ON HAND AT START OF DAY	12,285		CONSUMED	
	RECEIVED DURING DAY	-0-	LUBE OIL	ON HAND AT START OF DAY	2380
	EXPENDED DURING DAY	357		RECEIVED	
	REMAINING ON BOARD 2400	11,928		ON HAND	
DOMESTIC WATER	ON HAND AT START OF DAY	977		CONSUMED	
	EVAPORATED OR RECEIVED		DIESEL OIL		1298
	ON HAND		ON HAND		
	CONSUMED		CONSUMED		

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

4 4 4

L.O. CENTRIFUGE - HOURS OPERATED

1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	4			

SUMMARY

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

REMARKS

1200-1600 WATCH

Underway on 12 No 22 Mach In operation 1+2 Boilers. 1+2 F.D. Blowers 1+2 F.O.S. pmps 1+2 Mn. F.D. pumps. Mn + Aux Air Ejector. Main Circ pump. Xfer to aux. Mn + Aux Cond pumps Main Air Compressor L.O. purifier L.O.S. pump #2 Aux Generator Fire + San Pump Port Steering Gear. Tested overspeed trip Low L.O. Alarm on Mn. Turbine + Throttl. Pumped up Port Settlers From #4 3+4 ꝑ. Pumped Bilges. Checked Steering E.R. Gear. Made Routine Rounds on Mach + Eng's space

WATCH ENGR'S SIGNATURE- George Bunny

1600-2000 WATCH

Steaming as before. 1605 to 1618 blew tubes on #1 + 2 boilers. 1602 Stby. 1610 [illegible]. 1611 [illegible]. Shifted and cleaned F.O. disch. strainer to #1+2 boilers. Checked mach. + eng. spaces. 1740 [illegible] W.T. [illegible] [illegible] (1) gal oil to #1 and (1) gal oil to #2 fuel pumps.

WATCH ENGR'S SIGNATURE- [illegible]

2000-2400 WATCH

Underway Steaming 18 Kogg, Cleaned + Changed top burners # 1+2 Boilers. Clean + Shift F.O. Disch strainers P+S, Cleaned L.O. Strainer # 2 Gen. Made Rounds + Insp of mach + Engine spaces. @ 2300 advanced Ships Clock 20 minutes.

WATCH ENGR'S SIGNATURE- R Summers

2400-0400 WATCH

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

BOILER WATER READINGS

STB'D	PORT
HOURS	HOURS
AKL	AKL
T-AKL	T-AKL
SAL.	SAL.
PHOS.	PHOS.
R.ph	R.ph

CHIEF ENGR'S SIGNATURE-

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
1200	70	0	120	100	0	115	92							17	115	98
1400	70	0	120	100	0	115	90							8	110	96
1600	70	—	—	—	0	110	90							15	115	98
1800	70	0	120	100	—	—	—							10	110	96
2000	70	0	120	102	0	115	92							—	—	—
2200	70	0	120	102	—	—	—							19	115	97
2400	70	0	120	100	0	115	94							15	115	96
0200	70	0	115	100	0	115	90							7	110	98
0400	70	—	—	—	0	120	90							18	115	98
0600	70	0	120	100	0	110	92							10	115	97
0800	69	0	115	99	0	110	93							7	110	96
1000	70	0	115	97	0	115	92							—	—	—

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 2/21/67

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	37	8	-1	25	1	35	1	38	Def	40
14[illegible]	0	40	18	-1	46	28	34	-2	37	37	40
16[illegible]	0	36	8	-2	–	–	34	-1	38	36	40
18[illegible]	0	30	13	-2	–	–	35	-2	38	34	40
20[illegible]	0	35	13	-2	–	–	35	-2	38	34	40
22[illegible]	0	35	12	-2	–	–	35	0	38	34	41
24[illegible]	1	34	12	-1	–	–	34	0	37	35	41
18[illegible]	0	34	6	-1	–	–	34	0	37	33	39
14[illegible]	0	36	5	-2	–	–	34	-1	38	34	39
16[illegible]	0	34	5	4	–	–	37	2	38	35	40
18[illegible]	0	35	5	-2	–	–	38	5	37	34	41
20[illegible]	0	35	5	-1	–	–	34	2	37	33	41

REMARKS

12[illegible]0-16[illegible] #10 on line @ 1330

Allen

16[illegible]-2[illegible] Defrosting + Cleaning Box's #5+6
5+6 secured

Gintel

2[illegible]-24[illegible]0

Beam

[illegible]-34[illegible]

Allen

34[illegible]-38[illegible]

Gintel

38[illegible]-12[illegible]

Beam

CHIEF ENGINEER

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
1200	75	0	115	98	0	110	92							20	115	98
1400	75	–	–	–	0	115	90							22	115	95
1600	76	0	120	100	0	110	92							8	110	98
1800	76	0	120	100	0	110	92							20	115	98
2000	77	0	115	98	–	–	–							10	110	97
2200	77	0	115	99	0	115	91							19	115	98
2400	76	0	115	100	0	110	90							10	110	98
0200	76	0	120	100	0	115	92							10	110	98
0400	76	0	120	100	–	–	–							20	110	98
0600	76	0	120	102	0	120	93							20	115	98
0800	75	0	120	102	0	115	92							12	115	97
1000	74	0	120	102	0	120	94							10	115	98

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 2/20/67

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	0	35	10	-1	18	-1	35	4	40	37	40
1400	0	35	10	-2	20	2	35	3	39	35	40
1600	1	35	10	-1	18	2	34	-1	38	37	40
1800	0	35	9	-1	15	-2	35	1	38	36	40
2000	0	35	9	-1	14	-3	34	-2	38	36	41
2200	0	35	9	-2	13	1	34	-2	38	35	41
2400	0	35	8	-2	13	2	34	-2	38	35	40
0200	0	35	8	-1	13	3	34	-1	37	36	40
0400	0	35	8	-1	12	2	34	0	38	36	40
0600	0	35	8	0	21	-3	34	2	38	37	40
0800	0	35	6	1	26	-2	37	-2	38	37	40
1000	0	35	15	-1	49	4	35	-4	38	-	41

REMARKS

1200-1600 Allen

1600-2000 Gintel

2000-2400 Beans

0000-0400 Allen

0400-0800 Gintel

0800-1200 0800 hrs Defrosting #10 WALK IN BOX Beans

CHIEF ENGINEER

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
1200	76	0	120	100	0	115	94							15	115	98
1400	78	0	120	100	0	115	92							12	115	98
1600	78	0	120	102	0	115	94							15	115	98
1800	77	0	120	100	0	115	93							5	110	98
2000	80	0	115	93	0	115	91							24	115	98
2200	76	0	125	103	0	115	94							22	115	98
2400	76	2	122	100	—	—	—							10	110	98
0200	75	0	120	100	0	115	92							18	115	98
0200	75	2	122	100	0	115	93							8	112	98
0400	76	0	120	100	0	120	92							12	110	98
0600	74	0	120	100	0	110	92							20	115	98
0800	75	0	125	104	0	120	93							12	115	98
1000	76	0	125	103	0	115	92							17	115	98

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 2/19/67

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	0	35	9	0	18	0	35	-2	38	33	42
1400	0	35	7	0	16	-1	35	-1	38	33	41
1600	3	36	9	-1	18	-1	34	2	38	34	41
1800	0	35	9	-2	13	0	34	-3	38	35	41
2000	0	35	8	-1	14	3	34	0	38	35	40
2200	-1	35	9	1	11	5	35	2	38	35	41
2400	0	35	9	0	10	3	34	-1	38	35	41
0200	-1	35	8	0	10	2	34	-1	38	35	41
0400	1	35	9	-1	9	2	34	-2	38	36	40
0600	0	35	9	-1	8	1	34	-1	38	35	41
0800	0	35	8	-1	27	1	37	-1	38	36	41
1000	0	35	9	2	33	1	35	8	38	35	40
1200	-1	35	9	-2	25	1	35	-2	38	35	40

REMARKS

1200-1600 — Allen

1600-2000 — Gintel

2000-2400 — Beans

0000-0400 — Retard Clocks 1 hour — Allen

0400-0800 — Gintel

0800-1200 — Beans

CHIEF ENGINEER

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
1200	64	0	115	100	0	110	90							5	105	98
1400	65	0	110	95	0	100	90							5	125	98
1600	66	0	110	96	0	110	92							—	—	—
1800	66	0	120	100	0	115	92							20	115	97
2000	68	0	115	104	0	115	92							21	115	98
2200	69	0	120	103	0	115	93							22	115	98
2400	71	0	120	100	0	115	92							18	115	99
0200	72	0	120	100	0	110	92							12	112	100
0400	74	0	120	103	0	115	93							20	115	99
0600	75	—	—	—	—	—	—							18	115	100
0800	76	0	125	103	0	115	92							5	115	98
1000	75	0	120	99	0	110	92							8	110	98

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 2/18/67

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	0	35	8	0	13	0	35	2	38	34	40
1400	0	37	8	0	12	-3	35	-1	38	34	40
1600	0	37	8	0	10	-1	35	-2	38	33	42
1800	0	36	8	2	10	2	35	1	38	37	41
2000	1	35	8	0	11	3	35	2	38	35	41
2200	0	35	7	-1	9	4	35	2	38	33	41
2400	0	35	7	0	-9	2	35	1	38	33	41
0200	0	35	7	0	9	-1	35	0	38	33	41
0400	0	35	8	-1	8	-1	35	-1	38	33	40
0600	0	35	8	-2	10	-2	35	5	38	34	41
0800	0	36	15	-2	47	9	35	4	38	35	40
1000	0	35	9	0	29	2	35	0	38	34	41

CHIEF ENGINEER

REMARKS

1200-1600

Allen

1600-2000 Defrosting Box #10 @ 1600 on @ 1900 Secured Preheating in all Troop Compts

Gintel

2000-2400

Bean

0000-0400

Allen

0400-0800

Gintel

0800-1200

Bean

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
1200	54	0	115	100	0	110	90							10	110	96
1400	54	0	110	98	0	105	90							25	112	96
1600	54	0	110	98	0	100	90							8	105	98
1800	60	0	115	100	0	110	90							—	—	—
2000	61	0	115	101	0	110	93							19	110	98
2200	62	—	—	—	0	110	91							—	—	—
2400	62	0	115	100	0	110	91							6	110	98
0200	63	0	110	96	0	110	91							8	108	96
0400	66	—	—	—	0	110	90							17	110	98
0600	64	0	115	102	0	110	93							23	110	98
0800	61	—	—	—	—	—	—							20	110	98
1000	58	0	115	99	0	110	94							21	110	97

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP11Ø) DATE 2/17/67

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
12ØØ	0	36	6	2	30	-3	35	0	38	34	41
14ØØ	1	36	9	0	21	-2	35	0	38	33	42
16ØØ	0	37	10	0	20	-2	35	-2	38	34	41
18ØØ	0	37	10	-1	17	0	36	2	38	33	42
2ØØØ	0	37	10	-2	14	2	35	1	38	33	41
22ØØ	1	37	6	-2	13	3	35	2	38	33	41
24ØØ	1	36	7	0	11	0	35	2	38	34	40
Ø2ØØ	1	36	7	0	10	-3	35	2	38	34	40
Ø4ØØ	0	37	7	2	9	0	35	-1	38	34	40
Ø6ØØ	0	36	8	0	12	2	35	2	38	35	41
Ø8ØØ	0	37	6	0	13	4	35	-1	38	34	41
1ØØØ	5	36	7	0	17	3	35	-1	38	34	41

REMARKS

12ØØ-16ØØ

16ØØ-2ØØØ

2ØØØ-24ØØ

ØØØØ-Ø4ØØ

Ø4ØØ-Ø8ØØ

Ø8ØØ-12ØØ

CHIEF ENGINEER

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
1200	52	0	110	98	0	110	92							—	—	—
1400	52	0	110	98	0	110	94							12	112	100
1600	52	0	120	98	0	115	94							20	115	100
1800	52	0	115	98	0	110	93							5	110	98
2200	55	0	115	105	—	—	—							19	115	99
2200	54	0	120	105	0	115	94							20	110	99
2400	52	0	110	100	—	—	—							—	—	—
0200	52	0	110	98	0	110	94.							10	110	100
0400	52	—	—	—	—	—	—							20	110	98
0600	54	0	120	100	—	—	—							18	110	98
0800	52	0	115	104	0	115	94							—	—	—
1000	53	0	120	105	0	115	92							24	115	98

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 2/~~17~~ 16/67

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	0	36	6	2	30	-3	35	0	38	34	41
1400	0	35	5	0	30	-1	35	1	38	35	40
1600	5	36	5	0	32	0	35	-2	38	35	41
1800	0	37	5	0	29	2	35	0	38	35	41
2000	0	36	5	-1	29	3	35	-2	38	34	41
2200	0	36	5	-2	29	4	35	-1	38	34	41
2400	0	36	5	-1	28	-2	35	0	38	34	41
0200	0	36	6	-1	28	-1	35	0	38	33	41
0400	0	37	5	-1	28	-1	35	-2	38	34	41
0600	0	37	5	0	29	2	36	-1	38	34	41
0800	4	36	5	-1	29	3	35	7	37	35	41
1000	5	37	10	-1	30	4	37	2	38	35	41

REMARKS

1200-1600

Allen

1600-2000

Sintel

2000-2400

Beans

0000-0400

Allen

0400-0800

Sintel

0800-1200

Bean

CHIEF ENGINEER

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
1200	52	0	110	95	0	110	92							12	110	98
1400	52	0	110	95	0	110	92							10	110	98
1600	52	0	115	96	—	—	—							17	110	98
1800	52	—	—	—	0	110	93							—	—	—
2000	52	0	110	90	—	—	—							22	115	97
2200	54	—	—	—	0	110	89							11	110	97
2400	54	2	135	115	0	110	94							12	112	102
0200	56	0	115	98	0	110	92							20	110	94
0400	54	—	—	—	0	110	93							—	—	—
0600	56	0	105	96	0	110	93							10	110	96
0800	54	—	—	—	—	—	—							11	115	100
1000	51	0	110	97	—	—	—							—	—	—

MAIN REEFER LOG: USNS GEN JOHN POPE (T-AP110) DATE 2/15/67

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	36	3	-1	30	-2	36	0	38	35	41
1400	1	36	2	-1	26	-2	36	2	38	35	41
1600	1	37	2	1	24	-1	35	1	38	33	40
1800	1	37	1	2	25	0	35	2	38	34	41
2000	1	37	2	2	25	1	35	-2	38	34	41
2200	0	35	3	2	25	3	35	0	38	34	41
2400	1	37	5	0	25	4	35	2	38	35	44
0200	1	37	5	0	25	0	35	1	38	34	41
0400	0	36	5	-1	24	-2	36	2	38	35	40
0600	0	37	4	0	30	0	35	0	38	34	41
0800	0	37	5	0	28	1	34	-2	38	34	41
1000	0	37	5	0	29	3	35	0	38	34	41

REMARKS

1200-1600 Allen

1600-2000 Gintel

2000-2400 Bean

0000-0400 Allen

0400-0800 Gintel

0800-1200 Bean

CHIEF ENGINEER

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29. L.O. PRES #1 3	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
28. L.O. PRES #2 4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31. L.O. TO COOLER #1 3	128	128	128	126	130	132	132	132	132	132	134	128	128	128	128	128	128	128	128	128	128	128	128
30. L.O. TO COOLER #2 4	135	135	135	138	138	138	138	136	136	136	138	138	138	138	138	140	140	140	136	136	136	136	136
33. L.O.FROM COOLER #1 3	106	106	106	106	108	110	110	110	110	110	110	108	108	108	108	108	108	108	108	108	106	106	106
32. L.O.FROM COOLER #2 4	118	118	118	120	120	120	120	120	120	120	118	118	118	118	118	118	118	118	118	118	118	118	118
35. L.O. GOV PRES #1 3	64	64	64	64	64	64	64	64	64	64	64	63	63	63	63	64	64	64	64	64	64	64	64
34. L.O. GOV PRES #2 4	44	44	44	44	44	44	44	44	44	44	44	43	43	43	43	44	44	44	44	44	44	44	44
37. AMPS POS #1 3	1200	1250	1150	1250	1300	1250	1300	1350	1300	1300	1300	1300	1250	1250	1300	1250	1300	1300	1250	1250	1250	1250	1250
36. AMPS POS #2 4	1150	1150	1150	1250	1250	1250	1250	1300	1300	1350	1350	1100	1300	1250	1250	1300	1250	1300	1100	1150	1250	1100	1100
39. AMPS NEG #1 3	1200	1250	1150	1250	1300	1250	1300	1350	1300	1300	1300	1300	1250	1250	1300	1250	1300	1300	1200	1200	1200	1200	1200
38. AMPS NEG #2 4	1150	1150	1160	1250	1250	1250	1250	1300	1300	1350	1350	1160	1300	1250	1250	1300	1250	1250	1150	1150	1250	1100	1100
41. HP HIGH SPEED PIN. AFT																							
42. HP INTER SPEED PIN FWD																							
43. HP INTER SPEED PIN AFT																							
44. L.P. THRUST BEARING																							
45. H.P. THRUST BEARING																							
46. LP HIGH SPEED PIN. FWD																							
47. LP HIGH SPEED PIN. AFT																							
48. LP INTER SPEED PIN FWD																							
49. LP INTER SPEED PIN. AFT																							
50. MAIN GEAR ROTOR FWD																							
51. MAIN GEAR ROTOR AFT																							
52. LP BLEED																							

Feb 21-22-67

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	116	116	116	118	118	118	118	116	116	116	116	120	120	120	118	120	122	122	120	118	116	116	116	116
2. MN COND STE TEMP	78	78	78	78	78	78	78	81	82	82	84	82	82	82	82	82	82	84	84	84	84	83	82	78
3. MN INJ TEMP	68	70	70	70	70	70	70	69	69	69	69	76	77	77	77	70	70	70	70	70	68	68	68	68
4. MN OVBD TEMP	70	72	72	70	70	70	70	70	70	70	70	86	86	86	86	70	70	70	70	70	70	70	70	70
5. L.O. TO COOLERS	114	114	114	114	112	112	110	112	112	114	114	124	124	124	124	110	110	110	110	110	112	112	112	112
6. L.O. FROM COOLERS	110	110	110	110	108	108	110	112	112	112	114	110	110	110	110	108	108	108	108	112	112	112	112	112
7. THRUST BRG TEMP																								
8. FWD H.P. ROTOR BNG																								
9. AFT H.P. ROTOR BNG																								
10. FWD L.P. ROTOR BNG																								
11. AFT L.P. ROTOR BRG																								
12. HOT GEAR BRG FWD																								
13. HOT GEAR BRG AFT																								
14. AUX COND STE TEMP	94/97	98/96	94/94	94/100	94/100	94/100	94/100	96/96	96/100	96/100	96/100	98/102	102/98	102/98	102/98	96/100	96/100	96/100	96/110	94/98	94/98	94/98	94/98	94/94
15. 1ST STAGE AIR TEMP																								
16. D.C. HEATER TEMP	238	238	238	236	236	236	236	236	236	236	236	238	238	238	238	236	236	236	236	236	236	236	236	238
17. SUPRHT TEMP PORT																								
18. SUPRHT TEMP STBD																								
19. F.O. SETT TEMP P	95	95	90	95	95	95	95	95	95	95	95	100	100	100	100	95	95	95	95	95	95	95	95	95
20. F.O. SETT TEMP S	70	70	70	75	75	75	75	75	75	75	75	90	90	85	85	75	75	75	75	75	75	75	75	75
21. UPTAKE PORT	270	270	270	270	270	270	270	270	270	275	275	280	280	280	280	275	270	270	270	265	265	265	270	270
22. UPTAKE STBD	—											270	270	—										
23. F.O. PUMP SUCT TEMP	80	80	80	82	82	82	82	80	80	80	82	80	80	80	80	82	82	82	82	82	82	80	78	80
24. MN FD PMP L.O PORT	30	30	30	30	30	30	30	30	30	30	30	29	29	29	29	30	30	30	30	30	30	30	30	30
25. MN FD PMP L.O STBD	—	~										26	26	26	—									
26. L.O. TO GEARS	112	112	112	110	110	110	112	114	114	114	114	106	106	106	104	110	110	110	110	112	114	114	114	114
27. AIR CONTR L.O. PRESS	29	29	29	30	30	30	30	30	30	30	30	29	29	29	29	29	29	29	29	29	29	29	29	29

Two E.R.

2-21-67

	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	137	136	134	133	130	130	130	130	128	128	125	146	140	142	145	145	145	145	145	143	143	143	142	137
2.	MN COND STE TEMP	77	77	76	77	76	76	76	84	91	90	90	73	73	70	78	78	78	78	78	86	86	85	86	76
3.	MN INJ TEMP				70	70	70	70	67	67	67	67	70	70	69	69	70	70	70	70	67	69	66	66	66
4.	MN OVBD TEMP		69		68	68	68	68	69	68	68	68	73	71	71	69	68	70	70	68	66	67	68	68	68
5.	L.O. TO COOLERS	113	113	113	114	114	114	114	112	112	112	112	107	107	106	108	112	113	112	114	113	112	112	110	113
6.	L.O. FROM COOLERS	109	109	109	109	110	110	110	108	108	108	108	108	98	109	112	108	108	108	109	108	108	108	106	109
7.	THRUST BRG TEMP				113	113	113	113					106	108	110	110	110	113	113	113					
8.	FWD H.P. ROTOR BNG				110	110	110	110					114	108	114	108	115	115	113	115					
9.	AFT H.P. ROTOR BNG				115	115	115	115					114	108	114	115	115	115	115	115					
10.	FWD L.P. ROTOR BNG				115	115	115	115					110	107	112	110	115	115	115	115					
11.	AFT L.P. ROTOR BRG				115	115	115	115					125	120	120	120	120	118	116	120					
12.	HOT GEAR BRG FWD				110	110	110	110					105	100	105	110	110	110	110	110					
13.	HOT GEAR BRG AFT				105	105	105	105					105	100	100	102	105	105	105	105					
14.	AUX COND SHELL TEMP		93/100	92/99	90/95	90/95	92/95	92/95	90/95	92/95	92/95	92/95	93/90	93/90	90/95	95/95	90/95	90/95	92/95	92/95	92/95	92/95	92/95	90/95	92/99
15.	1ST STAGE AIR TEMP	88	88	87	88	88	86	86	88	89	89	88	90	90	90	90	90	90	90	88	90	90	92	92	88
16.	D.C. HEATER TEMP	238	238	238	238	238	238	238	240	242	240	238	240	240	238	240	238	238	240	240	240	240	238	238	238
17.	SUPRHT TEMP PORT		570	570	540	560	550	540	545	560	560	580	550	590	590	595	580	540	580	580	580	580	570	570	580
18.	SUPRHT TEMP STBD		580	580	580	590	580	570	575	600	580	580	555	595	591	595	580	544	590	590	600	600	600	595	600
19.	F.O. SETT TEMP P 4	90	90	90	90	90	90	90	95	90	90	90	90	85	85	85	85	85	85	85	85	85	85	90	93
20.	F.O. SETT TEMP S 3	94	93	93	90	90	90	90	90	90	90	90	90	75	70	80	85	85	85	85	85	85	85	85	87
21.	UPTAKE PORT 2	365	365	365	365	365	360	360	360	355	365	365	300	335	310	355	365	360	355	355	350	350	365	360	365
22.	UPTAKE STBD 1	285	285	285	285	285	280	290	285	280	280	290	290	285	285	285	290	290	280	280	275	275	290	280	285
23.	F.O. PUMP SUCT TEMP	102	100	100	99	98	98	98	100	100	100	100	98	96	96	96	96	96	96	96	96	96	96	96	96
24.	MN FD PMP L.O PORT	30	30	30	30	30	30	30	30	30	30	30	27	27	29	29	29	29	29	29	30	30	30	30	30
25.	MN FD PMP L.O STBD	20	20	20	20	20	20	20	20	20	20	20	25	25	25	25	27	27	27	27	26	26	26	26	26
26.	L.O. TO GEARS	19	19	19	112	110	110	110	110	110	110	110	106	104	106	110	110	110	109	110	110	110	110	110	19
			27		25	25	25	25	28	28	28	28	25	25	25	25	25	25	25	25	28	28	28	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	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	7	7	7	7	7	7
31. L.O. TO COOLER #1	120	121	117	120	120	120	120	120	120	120	120	120	119	122	119	115	115	120	120	120	120	120	120	120
34. L.O. TO COOLER #2	130	129	129	128	128	128	128	128	128	128	129	130	130	126	128	128	128	128	128	132	130	128	128	130
33. L.O. FROM COOLER #1	110	112	107	110	110	110	110	110	110	110	110	110	109	109	105	105	108	110	110	110	110	110	110	110
32. L.O. FROM COOLER #2	116	116	116	116	116	116	116	116	116	116	117	116	118	117	117	116	116	116	116	116	117	116	116	116
35. L.O. GOV PRES #1	63	63	63	61	61	61	61	62	62	62	62	62	62	62	62	61	61	62	61	62	62	62	62	63
34. L.O. GOV PRES #2	63	63	63	63	63	63	63	62	62	62	62	62	62	62	62	63	63	63	63	62	62	62	62	63
37. AMPS POS #1	450	550	460	500	550	550	600	500	600	600	500	600	550	650	650	500	700	750	550	600	600	500	500	1050
36. AMPS POS #2	680	500	650	700	700	700	650	700	500	600	600	550	650	700	700	700	700	600	700	700	700	600	600	
39. AMPS NEG #1	450	600	500	450	500	500	600	500	600	600	500	550	500	650	750	500	700	750	500	600	600	500	500	1100
38. AMPS NEG #2	680	500	620	700	650	650	550	700	500	600	600	650	650	650	650	700	650	600	650	700	700	600	600	
41. HP HIGH SPEED PIN. AFT				105	105	105	105					105	100	100	102	105	105	105	105					
42. HP INTER SPEED PIN FWD				110	108	108	108					105	100	105	109	108	110	108	110					
43. HP INTER SPEED PIN AFT				110	108	108	108					109	100	109	109	110	110	110	110					
44. L.P. THRUST BEARING				108	108	108	108					102	102	110	110	108	108	108	108					
45. H.P. THRUST BEARING				108	108	108	108					105	102	106	108	108	110	108	110					
46. LP HIGH SPEED PIN. FWD				108	108	108	108					104	100	103	106	108	108	108	108					
47. LP HIGH SPEED PIN. AFT				108	108	108	108					104	100	103	107	108	108	108	110					
48. LP INTER SPEED PIN FWD				110	110	110	110					109	100	107	110	110	110	110	110					
49. LP INTER SPEED PIN. AFT				110	110	110	108					109	100	102	105	108	108	108	110					
50. MAIN GEAR ROTOR FWD				113	113	113	113					105	100	100	105	110	113	113	110					
51. MAIN GEAR ROTOR AFT				110	110	110	110					105	102	105	106	108	110	110	110					
52. LP BLEED				20	18	18	19					20	20	20	20	18	18	18	18					

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
29. L.O. PRES #1 3	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	8	8	8	8	8	8	8
28. L.O. PRES #2 4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31. L.O. TO COOLER #1 3	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132
30. L.O. TO COOLER #2 4	142	142	140	142	142	144	142	142	142	142	142	140	140	140	140	145	145	145	145	142	142	142
33. L.O. FROM COOLER #1 3	110	110	110	110	110	110	110	110	110	110	110	108	108	108	108	110	110	110	110	110	110	110
32. L.O. FROM COOLER #2 4	120	120	118	120	120	120	120	120	120	120	120	118	118	118	118	120	120	120	120	120	120	120
35. L.O. GOV PRES #1 3	64	64	64	64	64	64	64	64	64	64	64	63	63	63	63	64	64	64	64	64	64	64
34. L.O. GOV PRES #2 4	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
37. AMPS POS #1 3	1300	1300	1300	1350	1350	1350	1400	1400	1400	1400	1400	1350	1400	1350	1400	1400	1400	1450	1350	1350	1350	1350
36. AMPS POS #2 4	1300	1250	1250	1300	1400	1350	1350	1400	1400	1350	1450	1300	1300	1300	1400	1425	1450	1450	1350	1300	1300	1400
39. AMPS NEG #1 3	1300	1300	1300	1350	1350	1350	1400	1400	1400	1400	1400	1350	1400	1350	1400	1400	1400	1450	1350	1300	1300	1300
38. AMPS NEG #2 4	1300	1250	1250	1300	1400	1350	1350	1400	1400	1350	1450	1300	1300	1300	1400	1425	1450	1450	1350	1300	1300	1450
41. HP HIGH SPEED PIN. AFT	138	138	138	142	142	142	142	142	142	142	142	138	138	138	138	140	140	140	140	140	140	140
42. HP INTER SPEED PIN FWD	144	144	144	146	146	146	146	146	146	146	146	146	146	146	146	144	144	144	144	144	144	144
43. HP INTER SPEED PIN AFT	135	135	135	137	137	137	137	136	136	136	136	135	135	135	130	135	135	135	135	135	135	135
44. L.P. THRUST BEARING	135	135	135	135	135	135	135	135	135	135	135	132	132	132	132	135	135	135	135	135	134	134
45. H.P. THRUST BEARING	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142
46. LP HIGH SPEED PIN. FWD	125	125	125	128	128	128	128	128	128	125	125	125	125	125	125	126	126	126	126	128	128	128
47. LP HIGH SPEED PIN. AFT	125	125	120	121	127	127	127	126	126	126	126	125	125	125	125	127	127	127	127	125	125	125
48. LP INTER SPEED PIN FWD	146	146	146	148	148	148	148	148	148	148	148	146	146	146	146	147	147	147	147	146	146	146
49. LP INTER SPEED PIN. AFT	136	136	136	140	140	140	140	140	140	140	140	136	136	136	136	140	140	140	140	140	140	140
50. MAIN GEAR ROTOR FWD	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
51. MAIN GEAR ROTOR AFT	108	108	108	108	108	110	110	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108
52. LP BLEED	12"	12"	12"	12"	12"	11"	11"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"

Feb 20-21-67

	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	104	100	106	108	108	108	108	106	106	106	106	108	108	108	108	108	108	108	108	108	105	106	106	106
2.	MN COND STE TEMP	102	102	102	104	104	105	104	103	102	103	103	102	102	102	102	104	104	104	104	104	104	104	104	102
3.	MN INJ TEMP	77	77	77	78	75	78	77	76	76	75	75	76	76	76	76	77	77	77	77	77	77	77	77	77
4.	MN OVBD TEMP	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86
5.	L.O. TO COOLERS	126	126	126	126	126	128	128	125	125	128	128	128	128	128	128	126	126	126	126	128	128	127	127	126
6.	L.O. FROM COOLERS	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
7.	THRUST BRG TEMP	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115
8.	FWD H.P. ROTOR BNG	122	122	122	122	122	122	122	122	122	122	122	125	125	125	125	125	125	125	125	125	125	124	124	125
9.	AFT H.P. ROTOR BNG	132	132	132	132	132	132	132	132	132	132	132	130	130	130	130	130	130	130	130	132	132	132	132	130
10.	FWD L.P. ROTOR BNG	130	130	130	132	132	132	132	132	132	132	132	130	130	130	130	130	130	130	130	132	132	132	132	132
11.	AFT L.P. ROTOR BRG	125	125	125	125	125	125	125	125	125	125	125	125	126	125	125	125	125	125	125	126	126	126	126	125
12.	HOT GEAR BRG FWD	146	146	146	148	148	148	148	148	148	148	148	146	146	146	146	147	147	147	147	146	146	146	146	146
13.	HOT GEAR BRG AFT	140	140	140	142	142	142	142	142	142	142	142	140	140	140	140	140	140	140	140	140	140	140	140	140
14.	AUX COND STE TEMP P/S	108/104	108/104	108/104	106/110	106/110	110/108	106/110	106/110	104/108	104/108	104/98	106/104	106/104	106/104	104/102	104/110	104/108	106/110	106/110	104/108	104/108	106/110	106/108	108/104
15.	1ST STAGE AIR TEMP	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
16.	D.C. HEATER TEMP	238	238	238	238	236	236	236	236	236	236	236	238	238	238	238	236	236	236	236	236	236	236	236	238
17.	SUPRHT TEMP PORT	730	730	730	730	730	730	725	725	725	720	720	725	725	725	720	720	720	720	720	735	730	730	730	730
18.	SUPRHT TEMP STBD	730	730	730	730	730	730	725	725	725	720	720	725	725	725	720	720	720	720	720	735	730	730	730	730
19.	F.O. SETT TEMP P	100	100	90	95	95	95	95	98	96	96	96	100	100	100	100	100	100	100	100	102	104	104	104	100
20.	F.O. SETT TEMP S	95	80	75	90	90	90	90	94	94	92	92	100	100	100	80	80	80	80	80	84	84	84	85	80
21.	UPTAKE PORT	305	305	305	305	305	305	305	305	305	300	300	305	305	305	305	305	305	305	305	305	300	300	300	305
22.	UPTAKE STBD	295	295	295	300	300	300	300	295	295	285	285	295	295	295	295	295	295	295	295	300	295	295	295	295
23.	F.O. PUMP SUCT TEMP	80	80	80	88	88	90	90	90	90	76	76	75	75	75	75	82	84	86	88	88	90	92	82	80
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	32	32	32	32
25.	MN FD PMP L.O STBD	29	29	29	28	28	28	28	28	28	28	28	29	29	29	29	29	29	28	28	29	29	29	29	29
26.	L.O. TO GEARS	112	112	112	114	114	114	114	112	112	112	112	112	112	112	112	112	112	112	112	114	114	112	112	129
27.	AIR COMP L.O. PRESS	29	29	29	29	29	29	29	29	29	29	29	30	30	30	30	29	29	29	29	29	29	29	29	29

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29. L.O. PRES #1 3	9	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9
28. L.O. PRES #2 4	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
31. L.O. TO COOLER #1 3	132	132	132	134	134	130	130	130	130	130	130	132	132	132	132	134	134	134	134	134	132	132	132
30. L.O. TO COOLER #2 4	140	140	140	140	140	142	142	142	142	142	142	138	138	138	138	142	142	142	142	142	142	140	140
33. L.O. FROM COOLER #1 3	110	110	110	112	112	110	110	110	110	110	110	110	110	110	110	112	112	114	114	112	112	110	110
32. L.O. FROM COOLER #2 4	118	118	118	120	120	120	120	120	120	120	120	118	118	118	118	118	118	120	120	122	122	118	118
35. L.O. GOV PRES #1 3	63	63	63	64	64	64	64	64	64	64	64	63	63	63	63	68	68	63	63	63	63	63	63
34. L.O. GOV PRES #2 4	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43
37. AMPS POS #1 3	1250	1250	1250	1300	1350	1350	1350	1450	1350	1350	1300	1250	1250	1200	1350	1400	1400	1350	1300	1350	1300	1350	1300
36. AMPS POS #2 4	1250	1250	1250	1300	1350	1325	1400	1400	1500	1450	1400	1100	1000	1200	1350	1300	1350	1300	1300	1300	1250	1250	1350	1250
39. AMPS NEG #1 3	1250	1250	1250	1300	1350	1350	1350	1400	1300	1300	1350	1250	1250	1200	1350	1400	1400	1350	1300	1300	1250	1300	1300	1300
38. AMPS NEG #2 4	1250	1250	1250	1300	1350	1325	1400	1450	1500	1450	1400	1100	1000	1200	1350	1300	1350	1300	1300	1300	1250	1250	1350	1250
41. HP HIGH SPEED PIN. AFT	138	138	138	140	140	140	140	140	140	140	140	138	138	138	138	140	140	140	140	140	140	140	138	138
42. HP INTER SPEED PIN FWD	144	144	144	144	144	144	144	144	144	144	144	146	146	146	146	144	144	144	144	144	144	144	144	144
43. HP INTER SPEED PIN AFT	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135	135
44. L.P. THRUST BEARING	132	132	132	132	132	132	132	132	134	134	134	132	132	132	132	135	135	135	135	135	134	134	134	132
45. H.P. THRUST BEARING	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	142	144	144	144	144	142
46. LP HIGH SPEED PIN. FWD	125	125	126	126	126	126	126	126	126	126	126	125	125	125	125	128	128	128	128	128	128	125	125	125
47. LP HIGH SPEED PIN. AFT	125	125	125	127	127	127	127	126	126	126	126	125	125	125	125	127	127	127	127	125	125	124	124	125
48. LP INTER SPEED PIN FWD	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	146	148	148	148	148	148
49. LP INTER SPEED PIN. AFT	140	138	138	140	140	140	140	140	140	140	140	136	136	136	136	140	140	140	140	140	140	140	140	140
50. MAIN GEAR ROTOR FWD	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	112	112	112	112	112
51. MAIN GEAR ROTOR AFT	108	108	108	106	106	106	106	106	106	106	108	108	108	108	108	108	108	108	108	109	109	108	106	106
52. LP BLEED	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	12"

Feb 19-20-67

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	106	106	106	108	108	108	108	106	106	106	106	104	104	104	106	108	108	108	108	108	108	106	106	106
2. MN COND STE TEMP	104	104	104	104	104	102	102	102	102	102	104	102	102	102	104	105	105	105	105	106	106	104	104	104
3. MN INJ TEMP	76	76	76	78	77	76	76	76	76	76	77	74	74	74	96	79	79	79	79	80	80	77	77	76
4. MN OVBD TEMP	86	86	86	86	86	86	86	86	86	86	86	84	84	84	86	88	88	88	88	88	88	86	86	86
5. L.O. TO COOLERS	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126	126
6. L.O. FROM COOLERS	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
7. THRUST BRG TEMP	115	115	115	112	112	112	112	115	115	115	115	112	112	112	116	112	112	[illegible]	[illegible]	116	116	115	114	115
8. FWD H.P. ROTOR BNG	122	122	122	122	122	122	122	122	122	122	124	120	120	120	120	122	122	[illegible]	122	122	124	124	122	122
9. AFT H.P. ROTOR BNG	130	130	130	130	130	130	130	130	130	130	132	128	128	128	128	130	130	130	130	132	132	130	130	130
10. FWD L.P. ROTOR BNG	130	130	130	130	130	130	130	132	132	132	132	132	132	132	132	132	132	132	132	132	132	132	130	130
11. AFT L.P. ROTOR BRG	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	125	126	126	125	125	125
12. HOT GEAR BRG FWD	146	146	146	146	146	146	146	146	146	146	146	146	146	146	148	146	146	146	146	148	148	148	148	148
13. HOT GEAR BRG AFT	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
14. AUX COND STE TEMP 3/4	104/108	104/104	104/108	104/108	106/102	104/102	104/104	98/102	104/108	105/110	105/110	96/98	103/102	102/102	102/102	104/110	106/106	108/108	108/108	110/110	112/112	108/108	108/108	104/108
15. 1ST STAGE AIR TEMP	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
16. D.C. HEATER TEMP	238	238	238	236	236	236	236	236	236	236	236	238	238	238	238	236	236	236	236	236	236	236	236	236
17. SUPRHT TEMP PORT	720	720	720	720	720	720	720	720	720	720	720	715	715	715	715	720	720	720	720	715	720	720	720	720
18. SUPRHT TEMP STBD	720	720	720	720	720	720	720	720	720	720	720	715	715	715	715	720	720	720	720	715	720	720	720	720
19. F.O. SETT TEMP P	100	100	100	90	90	90	90	92	94	94	95	90	90	90	90	95	95	95	95	98	98	100	100	100
20. F.O. SETT TEMP S	80	75	75	85	85	85	90	90	92	92	94	90	90	90	65	75	75	80	80	75	75	78	78	80
21. UPTAKE PORT	305	305	305	310	310	310	310	305	300	300	305	305	305	305	305	310	310	305	305	305	310	310	310	305
22. UPTAKE STBD	295	295	300	305	305	305	305	310	290	290	295	295	295	290	295	305	305	290	290	290	295	295	295	295
23. F.O. PUMP SUCT TEMP	80	75	70	82	84	86	88	88	88	90	76	65	65	65	70	78	80	82	82	86	86	88	76	80
24. MN FD PMP L.O PORT	32	32	32	32	32	32	32	32	32	32	32	33	33	33	33	33	33	33	33	33	33	32	32	32
25. MN FD PMP L.O STBD	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	28	28	29	29	29	29	29	29	29
26. L.O. TO GEARS	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	114	114	114	114	114	112	112	112
27. AIR CONTR L.O. PRESS	30	30	30	30	29	29	29	29	29	29	29	31	31	31	31	30	30	30	30	30	30	30	30	30

	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	105	104	104	105	105	105	105	103	104	104		104	104	104	105	103	105	103	105	106	106	106	106	105
2.	MN COND STE TEMP	100	100	100	100	100	99	99	100	100	100		97	96	98	99	97	98	98	100	102	102	102	102	100
3.	MN INJ TEMP	76	76	76	77	77	77	77	76	76	74		77	77	77	77	76	76	76	78	76	76	75	76	76
4.	MN OVBD TEMP	86	86	86	86	86	86	86	86	86	85		86	86	86	86	86	86	86	88	88	87	86	87	86
5.	L.O. TO COOLERS	127	126	126	125	127	127	127	126	126	126		126	127	127	127	127	127	127	127	127	126	126	126	126
6.	L.O. FROM COOLERS	107	107	107	107	108	108	108	106	106	106		108	108	108	108	108	108	108	108	108	106	106	106	108
7.	THRUST BRG TEMP	117	117	117	118	118	118	118	117	117	117		118	118	118	118	118	118	118	118	118	118	118	118	117
8.	FWD H.P. ROTOR BNG	120	120	120	123	123	123	123	122	122	122		122	122	122	122	123	123	123	123	122	121	121	121	120
9.	AFT H.P. ROTOR BNG	135	135	135	135	135	135	135	135	135	135		135	135	135	136	135	135	135	135	136	135	135	135	135
10.	FWD L.P. ROTOR BNG	130	130	130	130	133	133	133	130	130	130		132	132	132	132	130	132	132	132	131	130	130	130	130
11.	AFT L.P. ROTOR BRG	127	127	127	128	128	128	128	128	128	128		127	130	128	128	128	128	128	128	128	127	127	127	127
12.	HOT GEAR BRG FWD	157	157	157	158	155	158	158	156	156	156		159	159	159	159	153	155	155	158	158	157	157	157	157
13.	HOT GEAR BRG AFT	140	140	140	143	143	143	143	143	143	143		142	142	143	144	143	145	145	143	143	142	142	142	142
14.	AUX COND STE TEMP	103/100	100/100	100/100	102/103	104/104	104/103	104/103	103/102	100/100	100/100		104/104	103/103	100/100	102/100	103/102	103/103	104/103	104/103	104/102	104/104	102/102	104/104	100/100
15.	1ST STAGE AIR TEMP	160	160	160	160	162	162	158	160	160	160		158	158	158	158	158	160	160	160	160	160	160	160	158
16.	D.C. HEATER TEMP	238	238	238	238	238	238	238	240	240	240		240	240	240	240	240	240	235	238	238	240	240	240	240
17.	SUPRHT TEMP PORT	650	660	665	660	660	650	650	660	660	660		665	665	665	665	660	660	650	660	660	660	660	660	665
18.	SUPRHT TEMP STBD	655	665	660	680	680	670	670	680	670	670		660	665	665	665	660	670	670	680	670	670	670	670	660
19.	F.O. SETT TEMP P 4	80	95	90	90	90	90	90	90	90	90		90	90	90	90	90	90	90	90	90	90	90	90	85
20.	F.O. SETT TEMP S 3	85	95	95	95	95	95	95	95	95	95		90	90	95	95	95	95	95	95	95	95	95	95	95
21.	UPTAKE PORT 2	320	325	325	325	325	330	330	320	320	320		325	320	325	325	325	325	320	320	325	320	320	320	320
22.	UPTAKE STBD 1	330	335	330	335	335	340	340	325	315	315		325	320	325	330	335	325	315	320	325	320	325	325	325
23.	F.O. PUMP SUCT TEMP	34	34	33	103	102	102	100	100	100	100		98	92	92	96	96	96	96	96	96	96	98	90	104
24.	MN FD PMP L.O PORT	20	20	20	33	33	33	34	34	34	34		34	33	33	33	33	33	33	33	34	34	34	34	33
25.	MN FD PMP L.O STBD	20	20	20	20	20	28	20	20	20	20		20	20	25	20	26	26	26	20	20	20	20	20	20
26.	L.O. TO GEARS	110	110	110	106	110	110	110	110	110	110		110	110	110	110	110	110	110	110	110	110	110	110	110
27.	AIR COMPR L.O. PRESS	25	25	25	25	25	25	25	28	28	28		28	28	28	28	25	25	25	25	28	28	28	28	28

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29. L.O. PRES #1	9	9	9	9	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	7	7	7	7
31. L.O. TO COOLER #1	120	120	120	120	120	120	120	120	120	120		120	120	120	120	120	120	120	120	120	120	120	120
30. L.O. TO COOLER #2	132	132	132	130	130	132	132	132	132	132		132	132	132	132	132	132	132	132	132	132	132	132
33. L.O. FROM COOLER #1	110	110	110	110	110	110	110	110	110	110		110	110	110	110	110	110	110	110	110	110	110	110
32. L.O. FROM COOLER #2	116	116	116	116	118	118	118	118	118	118		118	118	118	118	118	118	116	118	118	118	118	116
35. L.O. GOV PRES #1	62	62	62	61	61	61	61	62	62	62		62	62	62	62	61	61	61	61	62	62	62	62
34. L.O. GOV PRES #2	62	62	62	63	63	63	63	62	62	62		62	62	62	62	63	63	63	63	62	62	62	62
37. AMPS POS #1	600	650	600	650	650	700	800	600	800	700		800	650	750	650	650	700	750	650	700	600	600	600
36. AMPS POS #2	700	700	800	750	600	750	700	700	700	700		700	600	750	750	750	800	850	850	600	600	700	700
39. AMPS NEG #1	650	600	600	650	800	650	750	600	800	700		800	800	700	600	650	650	700	600	700	600	600	600
38. AMPS NEG #2	700	750	800	750	600	750	650	700	700	700		700	650	750	750	700	750	850	800	600	600	700	700
41. HP HIGH SPEED PIN. AFT	140	140	140	143	143	143	143	142	142	142		142	142	143	144	143	145	145	143	142	142	142	142
42. HP INTER SPEED PIN FWD	140	140	140	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	142	140	140	143	143	143	143	143	142	142		140	140	144	144	143	143	143	143	143	142	142	142
44. L.P. THRUST BEARING	132	132	132	132	132	132	132	132	132	132		132	132	130	130	132	132	132	132	132	131	131	131
45. H.P. THRUST BEARING	144	144	144	143	143	143	143	143	143	143		145	145	145	144	144	143	143	143	144	143	143	143
46. HP HIGH SPEED PIN. FWD	132	132	132	133	133	133	133	132	132	132		134	134	134	134	133	133	133	133	133	132	132	132
47. LP HIGH SPEED PIN. AFT	127	127	127	128	128	128	128	128	128	128		128	128	128	128	128	128	128	128	128	127	127	127
48. LP INTER SPEED PIN FWD	152	154	152	153	153	153	153	152	152	152		154	154	154	154	153	153	153	153	153	152	152	153
49. LP INTER SPEED PIN. AFT	130	132	132	133	133	133	133	132	132	132		132	132	132	132	133	133	133	133	132	132	132	133
50. MAIN GEAR ROTOR FWD	115	115	115	115	115	115	110	115	115	115		115	114	115	115	115	115	115	115	115	115	115	115
51. MAIN GEAR ROTOR AFT	109	109	109	108	110	110	110	110	108	106		107	109	109	109	108	108	108	110	110	110	110	110
52. LP BLEED	8	8	8	8	8	8	8	8	10	10		8	8	8	8	10	8	10	8	10	10	10	10

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
29. L.O. PRES #1	9	9	9	9	9	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	7	7
31. L.O. TO COOLER #1	119	119	119	120	120	120	120	120	120	120	120	120	122	120	120	120	120	120	120	120	120	120	119
30. L.O. TO COOLER #2	132	132	132	130	130	130	130	132	132	132	132				126	130	130	130	130	133	134	132	132
33. L.O. FROM COOLER #1	109	109	109	110	110	110	110	110	110	110	110	110	110	110	110	110	108	108	108	110	110	110	110
32. L.O. FROM COOLER #2	118	114	114	118	118	118	118	118	118	118	118				112	116	116	116	118	119	119	116	116
35. L.O. GOV PRES #1	62	62	62	61	61	61	61	62	62	62	62	62	62	62	62	61	61	61	61	62	62	62	62
34. L.O. GOV PRES #2	62	62	62	63	63	63	63	62	62	62	62				62	63	63	63	63	62	62	62	62
37. AMPS POS #1	700	600	700	650	700	700	550	600	700	700	600	1450	1450	1300	700	800	700	800	600	600	600	600	600
36. AMPS POS #2	650	750	700	700	700	750	900	700	700	650	800				700	650	750	650	750	700	700	600	700
39. AMPS NEG #1	700	600	600	600	650	650	500	600	700	700	600	1400	1400	1250	700	750	650	750	600	600	600	600	600
38. AMPS NEG #2	650	750	650	700	700	750	900	700	700	650	800				700	600	750	650	750	700	700	600	700
41. HP HIGH SPEED PIN AFT	143	143	144	143	143	143	143	143	143	143	143	145	145	145	143	140	143	143	143	143	143	141	141
42. HP INTER SPEED PIN FWD	140	140	140	140	140	140	140	140	140	140	140	140	144	144	142	138	140	140	140	140	140	138	139
43. HP INTER SPEED PIN AFT	140	140	142	143	143	143	143	143	143	142	142	145	144	144	144	143	145	143	143	145	143	141	142
44. L.P. THRUST BEARING	132	132	132	132	132	132	132	132	132	132	132	130	132	132	132	128	132	132	132	132	132	131	132
45. H.P. THRUST BEARING	143	144	144	143	143	143	143	143	144	143	144	145	145	145	145	143	145	143	145	144	144	143	144
46. LP HIGH SPEED PIN FWD	134	134	134	133	133	133	133	133	133	132	132	132	132	130	134	133	133	133	133	133	133	132	132
47. LP HIGH SPEED PIN AFT	127	127	127	128	128	128	128	128	128	128	128	127	130	130	127	128	128	128	128	130	130	128	128
48. LP INTER SPEED PIN FWD	154	154	152	150	150	150	153	152	152	152	152	150	152	150	152	148	150	150	150	153	153	151	152
49. LP INTER SPEED PIN, AFT	132	132	132	130	130	130	133	132	132	132	132	130	130	130	132	128	133	133	133	133	132	132	132
50. MAIN GEAR ROTOR FWD	115	114	114	115	115	115	115	115	115	115	115	116	115	115	115	115	115	115	115	115	115	115	114
51. MAIN GEAR ROTOR AFT	110	110	109	110	110	110	110	108	108	108	108	106	106	105	105	105	105	105	105	110	110	110	108
52. LP BLEED	8	8	8	8	8	8	8	10	10	10	10	11	11	11	9	8	8	8	8	10	10	10	10

Fwd Eng. Rm

2-19-67

	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	105	105	105	105	105	104	103	104	105	105	105	102	105	104	105	102	105	105	105	110	110	111	106	105
2.	MN COND STE TEMP	100	98	98	99	99	98	97	100	100	100	100	97	100	97	100	98	101	100	102	105	105	102	100	98
3.	MN INJ TEMP	77	77	77	77	77	75	75	76	75	74	75	79	79	78	78	80	80	80	80	82	78	76	75	76
4.	MN OVBD TEMP	86	86	86	86	88	86	84	86	86	86	86	84	88	87	87	88	88	88	90	92	88	86	86	88
5.	L.O. TO COOLERS	126	126	126	126	126	127	127	126	126	126	126	126	128	128	127	126	126	126	127	127	126	126	126	126
6.	L.O. FROM COOLERS	108	108	108	108	108	108	108	108	106	106	106	108	110	109	108	108	108	108	108	107	106	106	106	108
7.	THRUST BRG TEMP	118	118	118	118	118	118	118	117	117	117	117	118	118	118	118	118	116	118	118	118	118	117	117	118
8.	FWD H.P. ROTOR BNG	121	122	122	123	123	123	123	122	122	122	122	120	121	122	122	120	123	123	123	122	122	120	121	122
9.	AFT H.P. ROTOR BNG	135	135	135	135	135	135	135	135	135	135	135	135	136	135	135	135	135	135	135	135	136	135	135	136
10.	FWD L.P. ROTOR BNG	132	132	130	133	133	133	133	132	131	131	131	130	132	132	132	130	132	130	133	132	131	130	131	132
11.	AFT L.P. ROTOR BRG	127	127	127	128	128	128	128	128	128	128	128	126	130	129	128	128	128	128	128	128	128	128	128	128
12.	HOT GEAR BRG FWD	157	156	159	155	155	155	155	156	157	157	157	155	158	156	156	153	154	155	155	157	157	156	156	154
13.	HOT GEAR BRG AFT	143	143	144	143	143	143	143	143	143	143	143	142	145	145	143	140	147	143	143	145	143	141	142	143
14.	AUX COND STE TEMP	100/100	100/100	100/100	102/100	102/103	102/102	102/102	103/102	102/102	102/102	102/102	112	113	125	100/100	104/102	102/103	102/103	104/102	104/104	104/104	104/100	100/100	100/100
15.	1ST STAGE AIR TEMP	160	159	160	160	160	160	158	160	160	160	160	159	160	159	158	158	160	158	163	162	162	160	160	160
16.	D.C. HEATER TEMP	240	240	240	238	238	238	238	240	240	240	240	240	240	240	240	236	236	240	238	240	240	240	240	240
17.	SUPRHT TEMP PORT	660	650	630	660	660	650	640	650	660	670	670	660	660	660	655	680	650	660	640	640	650	650	650	650
18.	SUPRHT TEMP STBD	660	650	650	640	660	660	670	670	670	680	680	655	660	665	660	690	670	660	660	660	670	660	660	650
19.	F.O. SETT TEMP P 4	85	90	90	90	90	90	90	90	90	90	90	90	85	85	90	80	80	85	85	85	85	85	85	85
20.	F.O. SETT TEMP S 3	90	85	90	90	90	90	90	90	90	90	90	90	85	85	90	85	85	90	90	85	85	90	90	90
21.	UPTAKE PORT 2	330	330	330	330	340	335	330	325	325	325	325	320	320	320	320	325	330	320	330	325	325	325	325	335
22.	UPTAKE STBD 1	340	345	360	370	370	365	365	325	320	320	325	315	310	315	320	325	315	320	320	325	325	330	335	330
23.	F.O. PUMP SUCT TEMP	90	94	94	96	96	96	96	96	96	98	98	96	94	94	94	94	94	94	94	94	94	94	94	94
24.	MN FD PMP L.O PORT	33	33	33	33	33	33	33	34	33	33	33	34	33	34	33	34	33	33	33	33	34	34	34	33
25.	MN FD PMP L.O STBD	20	25	26	29	20	26	28	26	20	20	20	20	20	20	20	20	20	20	25	20	20	20	20	20
26.	L.O. TO GEARS	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110
27.	AIR COMP L.O. PRESS	28	28	28	25	25	25	25	28	28	28	28	28	28	28	28	25	25	26	25	28	28	28	28	28

2-24-67 #1 2-23-67

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
	10007700		
0000			
0100	10024300	1200	
0200	10025600	1300	
0300	10026900	1300	
0400	10028200	1300	
0500	10029500	1300	
0600	10030800	—	1300
0700	10031900	—	1100
0800	10032700	—	800
0900	10033800	1100	
1000	10035000	1200	
1100	10036200	1200	
1200	10008900	1200	
1300	10010100	1100	
1400	10011300	1200	
1500	10012500	1200	
1600	10013700	1200	
1700	10014900	1200	
1800	10016100	—	1200
1900	10017200	—	1100
2000	10018300	—	1100
2100	10019400	1100	
2200	10020600	1200	
2300	10021800	1200	
2400	10023100	1300	
		[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	193		
HOURS TO DATE			
GALLONS BROUGHT FORWARD	217300		
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 STBD
ADDED 8 OZ CHLORINE PER 1000 GALS

SIGNED McRoy Hill

0400–0800

#1 Evap. Dist. TO #3 Stbd
Filled #1 Hagevap Tank, 3/4 car Hogevap.
@0500 Shifted Dist. TO #2 port-Feed
@0745 Shifted Dist TO #3 potable

@0745
#1 port - 21' - Test 2 Drops
#1 stbd. - 6' - Test 2 Drops
#2 port - [redacted] - Test 2 Drops
#2 stbd - 21' - Test 4 Drops

SIGNED R. Sheppard

0800–1200

#-1 & 2 EVAP. DIST...
TO #-3 PORT...
FEED PUMP #-1 ON LINE
@ 0900...
Added 8 oz chlorine
per 1000 gals. Dist....
F.W. DIST. 24 HRS) 28,400 GALS

SIGNED E. A. Magallanes

1200–1600

#1+2 EVAP DIST TO
CENTER
ADDED 8 OZ CHLORINE PER 1000 GALS

SIGNED McRoy Hill

1600–2000

#1 Evap. Dist. TO #3 S
@1800 Shifted #1 Evap TO #1 stbd-feed.
@1945 Shifted Dist. TO #3 S

SIGNED R. Sheppard

2000–2400

#-1 & 2 EVAP. DIST TO
#-3 STBD....
Added 8 oz chlorine per
1000 gals Dist....

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. 11-50)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY ______ U. S. S. [illegible] PLANT NO. 1

AT ANCHOR ______ TIME: ZONE DESCRIPTION ______ SET CLOCKS AHEAD OR BACK ______ MINUTES AT ______ DATE 2 - 23 19 67

HOUR ENDING (2-24-67 / 2-23-67)	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	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
STEAM FROM REG. VALVE. PRESSURE #G	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
STEAM TO 1ST EFFECT. PRESSURE, "HG OR #G	3	3	3	2"	2"	2"	2"	5	5	5	5	2	3	3	3	2"	2"	2"	2"	3	3	3	3	3
STEAM TO 1ST EFFECT. TEMPERATURE. °F	240	240	240	240	240	240	240	235	235	235	235	240	235	240	240	240	240	240	240	235	235	235	235	240
1ST EFFECT COIL DRAIN. TEMPERATURE. °F	190	190	190	190	190	190	190	190	190	190	190	190	188	190	190	190	190	190	190	190	190	190	190	190
1ST EFFECT SHELL PRESSURE. "HG	14	14	14	13"	13"	13"	13"	14	14	14	14	15	14	14	14	13"	13"	13"	13"	14	14	14	14	14
2D EFFECT COIL DRAIN. TEMPERATURE. °F	166	166	166	166	166	166	166	156	156	156	156	160	158	158	165	166	166	166	166	166	166	166	166	166
2D EFFECT SHELL PRESSURE. "HG	15	15	15	15	15"	15"	15"	16	16	16	16	15	14	14	14	15"	15"	15"	15"	15	15	15	15	15
3D EFFECT COIL DRAIN. TEMPERATURE. °F	156	156	156	156	156	156	156	146	146	146	146	146	146	146	146	154	154	154	154	156	156	156	156	156
3D EFFECT SHELL PRESSURE. "HG	23	23	23	23"	23"	23"	23"	23	23	23	23	22	24	23	22	23"	23"	23"	23"	23	23	23	23	23
CONDENSATE TO COOLER. TEMPERATURE. °F	134	134	134	134	134	134	134	128	128	128	128	130	130	130	130	132	132	132	132	132	132	132	132	132
CONDENSATE FROM COOLER. TEMPERATURE. °F	94	94	94	94	94	94	94	90	90	90	90	92	92	92	92	92	92	92	92	94	94	94	94	94
BRINE OVERBOARD. TEMPERATURE. °F	132	132	130	130	130	130	130	130	130	130	130	128	128	130	132	128	128	128	128	130	130	130	130	132
STEAM TO AIR EJECTOR. PRESSURE. #G	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92	92
AIR EJECTOR DRAINS. TEMPERATURE. °F																								
CIRC. WATER INJECTION. TEMPERATURE. °F	73	72	72	72	72	73	73	73	73	73	73	73	73	73	72	73	73	73	73	75	75	75	75	73
CIRC. WATER TO CONDENSATE COOLER. TEMPERATURE. °F	73	72	72	72	72	73	73	73	73	73	73	73	73	73	72	73	73	73	73	75	75	75	75	73
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	162	162	162	162	162	162	162	158	158	158	158	158	156	156	160	160	160	162		162	162	162	162	162
CIRC. WATER OVERBOARD. TEMPERATURE. °F	104	104	104	104	104	104	104	104	104	104	104	102	100	102	104	102	102	102	104	104	104	104	104	104
CIRC. PUMP SUCTION PRESSURE. #G	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
CIRC. PUMP DISCHARGE PRESSURE. #G	20	20	20	20	20	20	20	19	19	19	19	20	20	20	20	20	20	20	20	20	20	20	20	20
BRINE PUMP SUCTION PRESSURE. #G	24	24	24	25"	25"	25"	25"	23	23	23	23	21	21	21	21	25"	25"	25"	25"	23	24	24	24	24
BRINE PUMP DISCHARGE PRESSURE. #G	36	36	36	30	30	30	30	32	32	32	32	40	40	40	40	30	30	36	36	35	35	35	35	35
FEED PUMP SUCTION PRESSURE. #G	—	—	—	—	—	—	—					—	—	—	—	—	—	—	—					
FEED PUMP DISCHARGE PRESSURE. #G	—	—	—	—	—	—	—					—	—	—	—	—	—	—	—					
1ST EFFECT DRAIN PUMP SUCTION PRESSURE. #G	3	3	3	3"	3"	3"	3"	3	3	3	3	3	3	3	3	4"	4"	4	4	3	3	3	3	3
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE. #G	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58
F. W. PUMP DISCHARGE PRESSURE	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	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	1.5	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
	20	20	20	20	20	20	20	20	20	20	20	30	30	30	20	20	20	20	20	20	20	20	20	20
AIR EJECTOR DRAINS. SALINITY - E. P. M.	02	02	02	.02	.02	.02	.02	02	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	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.																								

2-24-67 #-2 2-23-67

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
	05135000		
0000			
0100	05149200	1100	
0200	05150200	1000	
0300	05151300	1100	
0400	05152300	1000	
0500	05153300	1000	
0600	05154300		1000
0700	05155300		1000
0800	05156000		700
0900	05157100	1100	
1000	05158100	1000	
1100	05159100	1000	
1200	05136100	1100	
1300	05137100	1000	
1400	05138200	1100	
1500	05139300	1100	
1600	05140100	800	
1700	05141000	900	
1800	05142000	1000	
1900	05143000	1000	
2000	05143900	900	
2100	05144900	1000	
2200	05145900	1000	
2300	05146900	1000	
2400	05148100	1200	

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

SCALING RECORD

	EFFECT NO. 1	EFFECT NO. 2	EFFECT NO. 3
DATE LAST SCALED			
HOURS BROUGHT FORWARD			
HOURS THIS DATE	205		
HOURS TO DATE			
GALLONS BROUGHT FORWARD	180300		
GALLONS THIS DATE			
GALLONS TO DATE			

CHECKED (Signature)

APPROVED

(Engineer Officer, U. S. N.)

REMARKS

0000–0400

#1+2 EVAP DIST TO
#3 STBD

ADDED 8 OZ CHLORINE PER 1000 GALS

SIGNED McRay Hill

1200–1600

#1+2 EVAP DIST TO
CENTER

ADDED 8 OZ CHLORINE PER 1000 GALS

SIGNED McRay Hill

0400–0800

#2 Evap. Dist. to #2 stbd
Filled #2 Hogevap Tank, 3/4 can Hogevap
@0500 shifted dist to #2 port-feed
@0745 shifted dist to #3 potable.

SIGNED R. Sheppard

1600–2000

#2 Evap. Dist. to #3 Ch
Added 8 oz chlorine per 1000 gals F.W. Dist.

SIGNED R. Sheppard

0800–1200

#-1 & 2 EVAP. DIST.
TO #-3 PORT...
(Added 8 oz chlorine
per 1000 gals Dist...
F.W. DIST...(24 HRS) -
24,100 GALS...

SIGNED E. A. Magallanes

2000–2400

#-1 & 2 EVAP. DIST. TO
#-3 Stbd....
(Added 8 oz chlorine
per 1000 gals Dist...

SIGNED E. A. Magallanes

NAVSHIPS 3676 (REV 11-50) BACK

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 ______

AT ANCHOR ______

U. S. S. Glennon Joel Hood Pope PLANT NO. 2

TIME: ZONE DESCRIPTION ______ SET CLOCKS AHEAD OR BACK ______ MINUTES AT ______ DATE 2 - 23, 1967

HOUR ENDING: 2-24-67 (0100–0700) / 2-23-67 (0800–2400)

	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	8	8	8	8	8	5	5	5	7
STEAM FROM REG. VALVE, PRESSURE #G	0	0	0	1	1	1	1	0	0	0	0	0
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	0	0	0	1	1	1	1	0	0	0	0	0
STEAM TO 1ST EFFECT, TEMPERATURE, °F	240	240	240	240	240	240	240	235	235	235	235	240
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	190	190	190	190	190	190	190	190	190	190	190	185
1ST EFFECT SHELL PRESSURE, "HG	10	10	10	10"	10"	10"	10"	10	10	10	10	11
2D EFFECT COIL DRAIN, TEMPERATURE, °F	—	—	—	—	—	—	—					—
2D EFFECT SHELL PRESSURE, "HG	18	18	18	18"	18"	18"	18"	18	18	18	18	18
3D EFFECT COIL DRAIN, TEMPERATURE, °F	154	154	154	152	152	152	152	150	150	150	150	150
3D EFFECT SHELL PRESSURE, "HG	22	22	22	22"	22"	22"	22"	22	22	22	22	22
CONDENSATE TO COOLER, TEMPERATURE, °F	138	138	138	136	136	136	136	136	136	136	136	146
CONDENSATE FROM COOLER, TEMPERATURE, °F	—	—	—	—	—	—	—					—
BRINE OVERBOARD, TEMPERATURE, °F	130	130	130	130	130	130	130	130	130	130	130	128
STEAM TO AIR EJECTOR, PRESSURE, #G	96	96	96	94	94	96	96	96	96	96	96	96
AIR EJECTOR DRAINS, TEMPERATURE, °F												
CIRC. WATER INJECTION, TEMPERATURE, °F	73	72	72	72	72	73	73	73	73	73	73	73
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	73	72	72	72	72	73	73	73	73	73	73	73
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F	—	—	—									—
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F	—	—	—									—
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F	115	115	115	120	120	120	118	115	115	115	115	110
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	138	138	138	134	134	134	134	130	130	130	130	120
FEED TO 1ST EFFECT, TEMPERATURE, °F	156	156	158	154	154	154	154	150	150	150	150	136
CIRC. WATER OVERBOARD, TEMPERATURE, °F	102	102	102	102	102	104	102	102	102	102	102	100
CIRC. PUMP SUCTION PRESSURE, #G	6	6	6	5	5	5	5	5	5	5	5	6
CIRC. PUMP DISCHARGE PRESSURE, #G	24	24	24	24	24	24	24	24	24	24	24	24
BRINE PUMP SUCTION PRESSURE, #G	23	23	23	25"	25"	25"	25"	23	23	23	23	21
BRINE PUMP DISCHARGE PRESSURE, #G	32	32	32	30	30	30	30	35	35	35	35	28
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
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	54	54	54	54	54	54	54	54	54	54	54	53
F. W. PUMP DISCHARGE PRESSURE	10	10	10	10	10	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	1.5	1.5
	20	20	20	20	20	20	20	20	20	20	20	20
AIR EJECTOR DRAINS, SALINITY—E. P. M.	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
CONDENSATE FROM COOLER, SALINITY—E. P. M.												

	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
STEAM TO REG. VALVE, PRESSURE #G	7	7	7	8	8	8	8	8	8	8	8	8
STEAM FROM REG. VALVE, PRESSURE #G	0	0	0	0	0	0	0	0	0	0	0	0
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	0	0	0	1	1	1	1	0	0	0	0	0
STEAM TO 1ST EFFECT, TEMPERATURE, °F	235	240	240	240	240	240	240	240	240	240	240	240
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	185	190	190	190	190	192	192	190	190	190	190	190
1ST EFFECT SHELL PRESSURE, "HG	12	12	10	10"	10"	10"	10"	10	10	10	10	10
2D EFFECT COIL DRAIN, TEMPERATURE, °F	—	—	—	—	—	—	—					—
2D EFFECT SHELL PRESSURE, "HG	18	18	18	18"	18"	18"	18"	18	18	18	16	18
3D EFFECT COIL DRAIN, TEMPERATURE, °F	148	150	150	152	152	154	154	154	154	154	154	154
3D EFFECT SHELL PRESSURE, "HG	23	23	22	22"	22"	22"	22"	22	22	22	22	22
CONDENSATE TO COOLER, TEMPERATURE, °F	144	144	144	138	138	140	140	138	138	138	138	138
CONDENSATE FROM COOLER, TEMPERATURE, °F	—	—	—	—	—	—	—					—
BRINE OVERBOARD, TEMPERATURE, °F	128	128	130	130	130	130	132	130	130	130	130	130
STEAM TO AIR EJECTOR, PRESSURE, #G	96	96	96	96	96	96	96	96	96	96	96	96
AIR EJECTOR DRAINS, TEMPERATURE, °F												
CIRC. WATER INJECTION, TEMPERATURE, °F	73	73	73	73	73	73	23	75	75	75	75	73
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	73	73	73	73	73	73	23	75	75	75	75	73
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F	—	—	—									
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F	—		—									
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F	110	115	115	120	120	120	120	115	115	115	115	115
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	120	126	130	134	134	136	136	138	138	138	138	138
FEED TO 1ST EFFECT, TEMPERATURE, °F	136	140	150	150	150	156	156	154	156	156	156	156
CIRC. WATER OVERBOARD, TEMPERATURE, °F	100	104	104	104	104	104	104	102	104	102	102	102
CIRC. PUMP SUCTION PRESSURE, #G	6	6	6	5	5	5	5	5	5	5	5	5
CIRC. PUMP DISCHARGE PRESSURE, #G	24	24	24	24	24	24	24	24	24	24	24	24
BRINE PUMP SUCTION PRESSURE, #G	21	21	21	22"	22"	25"	25"	23	23	23	23	23
BRINE PUMP DISCHARGE PRESSURE, #G	28	28	28	30	30	30	30	32	32	32	32	32
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
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	53	53	53	54	54	54	54	54	54	54	54	54
F. W. PUMP DISCHARGE PRESSURE	10	10	10	10	10	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	1.5	1.5
	20	20	20	20	20	20	20	20	20	20	20	20
AIR EJECTOR DRAINS, SALINITY—E. P. M.	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
CONDENSATE FROM COOLER, SALINITY—E. P. M.												

2-23-67 #-1 2-23-67

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
	09978900		
0000			
0100	09995900	1100	
0200	09997100	1200	
0300	09998300	1200	
0400	09999500	1200	
0500	10000600	1100	
0600	10001800	—	1200
0700	10003000	—	1200
0800	10004100	—	1100
0900	10005300	1200	
1000	10006500	1200	
1100	10007700	1200	
1200	09980000	1100	
1300	09981300	1300	
1400	09982500	1200	
1500	09983800	1300	
1600	09985000	1200	
1700	09986200	1200	
1800	09987400	—	1200
1900	09988600	—	1200
2000	09989800	—	1200
2100	09990000	1200	
2200	09992300	1300	
2300	09993600	1300	
2400	09994800	1200	
		21,100	

* *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	169		
HOURS TO DATE			
GALLONS BROUGHT FORWARD	188500		
GALLONS THIS DATE			
GALLONS TO DATE			

CHECKED (Signature)

APPROVED

(Engineer Officer, U. S. N.)

NAVSHIPS 867b (REV. 11-50) BACK

REMARKS

0000–0400

1 & 2 EVAP DIST TO

CENTER

ADDED 8 oz CHLORINE PER 1000 GALS

SIGNED McRoy Hill

1200–1600

1 & 2 EVAP DIST TO

CENTER TANK

ADDED 8 OZ CHLORINE PER 1000 GALS

SIGNED McRoy Hill

0400–0800

#1 Evap. Dist. To # 3 Center Line.
Filled #1 Hogevap Tank, 3/4 car Hogevap.
@0500 Shifted #1 Evap. Dist To #1 Stbd.
@0745 Shifted Dist To #3 ℄

SIGNED R. Shepard

1600–2000

#1 Evap. Dist To #3 ℄
Added 8 oz chlorine per 1000 gals. prod. Dist.
@1200 Shifted Dist. To #2 Stbd. Feed.
@1200 #2 Stbd. To up 4" - And Back up To
5 Drops since 0745 This morning.
@1745 Shifted Dist To #3℄ - Test 5 Drops

SIGNED R. Shepard

0800–1200

1 & 2 Evap. Dist To
3 Center Line
Added 8 oz chlorine
per 1000 gals Dist.
E.W. Dist. (24 Hrs) 28,800 gals

SIGNED E. A. Vegallanes

2000–2400

1 & 2 Evap Dist. To
3 Center ....
Added 8 oz chlorine
per 1000 gals Dist. ...

SIGNED E. A. Vegallanes

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 ______ U. S. S. Glenn Johnson Dope PLANT NO. 1

AT ANCHOR ______ TIME: ZONE DESCRIPTION ______ SET CLOCKS AHEAD OR BACK ______ MINUTES AT ______ DATE 2-22, 1967

2-23-67 HOUR ENDING 2-22-67

	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	9	9	9	9	8	8	9	9	8
STEAM FROM REG. VALVE, PRESSURE #G	1	1	1	0	0	0	0	0	0	0	0	0
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	4	4	4	2"	2"	2"	2"	3	3	3	3	3
STEAM TO 1ST EFFECT, TEMPERATURE, °F	235	235	235	240	240	240	240	235	235	235	235	235
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	190	190	190	195	195	195	195	190	190	190	190	185
1ST EFFECT SHELL PRESSURE, "HG	14	14	14	13"	13"	13"	13"	14	14	14	14	13
2D EFFECT COIL DRAIN, TEMPERATURE, °F	160	160	160	168	166	166	166	166	166	166	166	160
2D EFFECT SHELL PRESSURE, "HG	15	15	15	15"	15"	15"	15"	15	15	15	15	14
3D EFFECT COIL DRAIN, TEMPERATURE, °F	154	154	154	154	154	154	156	156	156	156	156	154
3D EFFECT SHELL PRESSURE, "HG	22	22	22	22"	22"	22"	23"	23	23	23	23	22
CONDENSATE TO COOLER, TEMPERATURE, °F	136	136	136	134	134	134	134	134	134	134	134	134
CONDENSATE FROM COOLER, TEMPERATURE, °F	96	96	95	94	94	94	92	94	94	94	94	92
BRINE OVERBOARD, TEMPERATURE, °F	130	130	130	130	130	130	130	130	130	130	130	130
STEAM TO AIR EJECTOR, PRESSURE, #G	92	92	92	92	92	92	92	92	92	92	92	92
AIR EJECTOR DRAINS, TEMPERATURE, °F												
CIRC. WATER INJECTION, TEMPERATURE, °F	74	74	74	74	74	74	73	73	73	73	73	67
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	74	74	74	74	74	74	73	73	73	73	73	67
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	158	158	158	162	164	164	162	160	160	160	160	158
CIRC. WATER OVERBOARD, TEMPERATURE, °F	106	106	106	100	106	102	102	102	102	102	102	104
CIRC. PUMP SUCTION PRESSURE, #G	5	5	5	5	5	5	5	5	5	5	5	6
CIRC. PUMP DISCHARGE PRESSURE, #G	20	20	20	19	19	19	19	20	20	20	20	20
BRINE PUMP SUCTION PRESSURE, #G	18	18	18	25"	25"	25"	25"	20	20	20	20	20
BRINE PUMP DISCHARGE PRESSURE, #G	36	30	34	36	36	30	30	36	36	36	36	40
FEED PUMP SUCTION PRESSURE, #G	—	—	—	—	—	—	—					—
FEED PUMP DISCHARGE PRESSURE, #G	—	—	—	—	—	—	—					—
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	2	2	2	2	2	2	2	2	2	2	2	2
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	55	55	55	56	57	58	57	52	58	58	58	55
F. W. PUMP DISCHARGE PRESSURE	10	10	10	10	10	10	10	10	58	58	58	10
												[illegible]
FEED DENSITY, 32NDS												[illegible]
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
	30	30	30	20	20	20	20	20	20	20	20	20
AIR EJECTOR DRAINS, SALINITY—E. P. M.	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
CONDENSATE FROM COOLER, SALINITY—E. P. M.												

	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	8	8	8	8	8	8	8	8	8
STEAM FROM REG. VALVE, PRESSURE #G	0	0	0	0	0	0	0	1	1	1	1	1
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	3	3	3	3"	3"	3"	3"	4	4	4	4	4
STEAM TO 1ST EFFECT, TEMPERATURE, °F	235	235	235	240	240	240	240	235	235	235	235	235
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	185	185	185	190	190	190	190	190	190	190	190	190
1ST EFFECT SHELL PRESSURE, "HG	13	13	13	13"	13"	13"	13"	14	14	14	14	14
2D EFFECT COIL DRAIN, TEMPERATURE, °F	160	160	160	164	166	166	166	164	164	164	164	164
2D EFFECT SHELL PRESSURE, "HG	14	14	14	15"	15"	15"	15"	15	15	15	15	15
3D EFFECT COIL DRAIN, TEMPERATURE, °F	154	155	156	154	154	154	154	154	154	154	154	154
3D EFFECT SHELL PRESSURE, "HG	22	22	22	23"	23"	23"	23"	23	23	23	23	23
CONDENSATE TO COOLER, TEMPERATURE, °F	134	134	134	134	134	134	134	136	136	136	136	136
CONDENSATE FROM COOLER, TEMPERATURE, °F	92	92	92	92	92	92	92	94	94	94	94	94
BRINE OVERBOARD, TEMPERATURE, °F	130	130	130	130	130	130	130	130	130	130	130	130
STEAM TO AIR EJECTOR, PRESSURE, #G	92	92	92	92	92	92	92	92	92	92	92	92
AIR EJECTOR DRAINS, TEMPERATURE, °F												
CIRC. WATER INJECTION, TEMPERATURE, °F	67	67	67	67	67	67	67	71	71	71	71	74
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	67	67	67	67	67	67	67	71	71	71	71	74
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	158	158	158	160	160	162	164	156	156	156	156	156
CIRC. WATER OVERBOARD, TEMPERATURE, °F	104	104	104	104	104	104	104	106	106	106	106	106
CIRC. PUMP SUCTION PRESSURE, #G	6	6	6	5	5	5	5	5	5	5	5	5
CIRC. PUMP DISCHARGE PRESSURE, #G	20	20	20	20	20	20	20	20	20	20	20	20
BRINE PUMP SUCTION PRESSURE, #G	20	20	20	22"	22"	22"	24"	18	18	18	18	18
BRINE PUMP DISCHARGE PRESSURE, #G	40	40	40	25	25	28	30	36	36	36	36	36
FEED PUMP SUCTION PRESSURE, #G	—	—	—	—	—	—	—					
FEED PUMP DISCHARGE PRESSURE, #G	—	—	—	—	—	—	—					
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	2	2	2	2"	2"	2"	2	2	2	2	2	2
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	55	55	55	54	56	56	56	56	55	55	55	55
F. W. PUMP DISCHARGE PRESSURE	10	10	10	10	10	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	1.5	1.5
	20	20	20	20	20	20	20	20	20	30	30	30
AIR EJECTOR DRAINS, SALINITY—E. P. M.	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
CONDENSATE FROM COOLER, SALINITY—E. P. M.												

2-23-67 #2 2-22-67

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
	05110800		
0000			
0100	05125400	1000	
0200	05126400	1000	
0300	05127400	1000	
0400	05128400	1000	
0500	05129400	1000	
0600	05130400	1000	
0700	05131400	1000	
0800	05132200	800	
0900	05133200	1000	
1000	05134200	1000	
1100	05135000	800	
1200	05111700	900	
1300	05112800	1100	
1400	05113900	1100	
1500	05115000	1100	
1600	05115900	900	
1700	05117000	1100	
1800	05118000	—	1000
1900	05119000	—	1000
2000	05120000	—	1000
2100	05121000	1000	
2200	05122200	1200	
2300	05123400	1200	
2400	05124400	1000	

** 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	181		
HOURS TO DATE			
GALLONS BROUGHT FORWARD	156100		
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
CENTER
ADDED 8 OZ CHLORINE PER 1000 GALS

SIGNED McRay Hill

0400–0800

#2 Evap. Dist. To #3 Center Line
Filled #2 No evap Tank. 3/4 can No evap
Added 8 oz chlorine To Each 1000 Gals F.W. Dist.

SIGNED R. Sheppard

0800–1200

#1 & 2 Evap. Dist.
To #3 Center Line
Added 8 oz chlorine
per 1000 gals Dist.
F.W. Dist. 24 Hrs) 24,200 gals

SIGNED E. A. Magallanes

1200–1600

1 & 2 EVAP DIST TO
CENTER TANK
ADDED 8 OZ CHLORINE PER 1000 GALS

SIGNED McRoy Hill

1600–2000

#2 Evap. Dist. To #3 C
Added 8 oz chlorine per 1000 Gals. F.W. Dist
@1700 Shifted Dist to #2 [illegible]
@1945 Shifted Dist to #3 C

SIGNED R. Sheppard

2000–2400

#1 & 2 Evap. Dist. to
#3 Center....
Added 8 oz chlorine
per 1000 gals Dist...

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. 11-50)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY ______ U. S. S. [illegible] PLANT NO. 2

AT ANCHOR ______ TIME: ZONE DESCRIPTION ______ SET CLOCKS AHEAD OR BACK ______ MINUTES AT ______ DATE 2-22, 1967

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
	2-23-67														2-22-67									
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	7	7	7	7	8	8	8	8	8
STEAM FROM REG. VALVE, PRESSURE #G	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1"	1"	1"	1"	0	0	0	0	0
STEAM TO 1ST EFFECT, TEMPERATURE, °F	240	240	240	240	240	240	240	235	235	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	190	190	190	198	198	196	196	186	186	186	186	190	188	188	190	190	190	190	192	190	190	190	190	190
1ST EFFECT SHELL PRESSURE, "HG	8	9	9	10"	10"	10"	10"	11	11	11	11	12	12	12	12	11"	11"	11"	11"	11	11	11	11	11
2D EFFECT COIL DRAIN, TEMPERATURE, °F	—	—	—	—	—	—	—					—	—	—	—	—	—	—	—					
2D EFFECT SHELL PRESSURE, "HG	18	18	18	18"	18"	18"	18"	18	18	18	18	18	18	18	18	18"	18"	18"	18"	18	18	18	18	18
3D EFFECT COIL DRAIN, TEMPERATURE, °F	155	153	155	152	152	152	152	156	156	156	156	144	144	146	146	148	148	148	150	154	154	154	154	155
3D EFFECT SHELL PRESSURE, "HG	22	22	22	23"	23"	22"	22"	22	22	22	22	22	22	22	22	22"	22"	22"	22"	22	22	22	22	22
CONDENSATE TO COOLER, TEMPERATURE, °F	136	136	134	138	138	138	138	134	134	134	134	130	130	130	130	134	134	134	134	134	134	134	134	134
CONDENSATE FROM COOLER, TEMPERATURE, °F	—	—	—	—	—	—	—					—	—	—	—	—	—	—	—					
BRINE OVERBOARD, TEMPERATURE, °F	126	126	128	130	130	130	130	130	130	130	130	128	128	128	130	130	130	130	130	136	136	136	136	136
STEAM TO AIR EJECTOR, PRESSURE, #G	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
AIR EJECTOR DRAINS, TEMPERATURE, °F	96																							
CIRC. WATER INJECTION, TEMPERATURE, °F	74	74	74	74	74	74	73	73	73	73	73	67	67	67	67	67	67	67	67	71	71	71	71	74
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	74	74	74	74	74	74	73	73	73	73	73	67	67	67	67	67	67	67	67	71	71	71	71	74
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F	—	—	—																					
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F	—	—	—																					
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F	130	130	130	130	130	125	120	132	132	132	130	105	110	112	115	115	115	115	115	115	115	115	115	115
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	142	142	142	142	142	144	140	142	142	142	142	120	124	126	128	130	130	128	128	132	132	132	132	132
FEED TO 1ST EFFECT, TEMPERATURE, °F	150	150	150	158	158	158	156	152	152	152	152	134	138	138	140	144	144	142	142	148	148	148	148	148
CIRC. WATER OVERBOARD, TEMPERATURE, °F	100	100	100	100	100	102	102	102	102	102	102	95	98	98	100	100	100	100	102	104	104	104	104	100
CIRC. PUMP SUCTION PRESSURE, #G	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
CIRC. PUMP DISCHARGE PRESSURE, #G	24	24	24	24	24	24	24	24	24	24	24	23	23	23	23	24	24	24	24	24	24	24	24	24
BRINE PUMP SUCTION PRESSURE, #G	23	23	21	22"	23"	23"	23"	23	23	23	23	21	21	21	21	23"	23"	23"	23"	23	23	23	23	23
BRINE PUMP DISCHARGE PRESSURE, #G	28	30	30	30	30	30	30	35	35	35	35	34	34	34	34	25	25	28	28	35	35	35	35	35
FEED PUMP SUCTION PRESSURE, #G	—	—	—	—	—	—	—					—	—	—	—	—	—	—	—					
FEED PUMP DISCHARGE PRESSURE, #G	—	—	—	—	—	—	—					—	—	—	—	—	—	—	—					
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	1"	1"	1"	1"	1	1	1	1	1
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	52	52	52	54	54	54	54	54	54	54	54	52	52	52	52	52	52	52	52	52	51	51	52	52
F. W. PUMP DISCHARGE PRESSURE	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	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	1.5	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
	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
AIR EJECTOR DRAINS, SALINITY—E. P. M.	.02	.02	.02	.02	.02	.02	.02	.02	.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	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.																								

2-22-67 #-1 2-21-67

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS: SHIPS TANKS*	GALLONS: FEED TANKS*
	09956800		
0000			
0100	09967000	1300	
0200	09968200	1200	
0300	09969400	1200	
0400	09970700	1300	
0500	09972000	1300	
0600	09973100	—	1100
0700	09974200	—	1100
0800	09975300	—	1100
0900	09976500	1200	
1000	09977700	1200	
1100	09978900	1200	
1200			
1300			
1400			
1500			
1600	09958000	1200	
1700	09957900	-100	
1800	09958500	600	
1900	09959700	1200	
2000	09960800	1100	
2100	09961900	1100	
2200	09963200	1300	
2300	09964500	1300	
2400	09965700	1200	

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

SCALING RECORD

	EFFECT NO. 1	EFFECT NO. 2	EFFECT NO. 3
DATE LAST SCALED			
HOURS BROUGHT FORWARD			
HOURS THIS DATE	145		
HOURS TO DATE			
GALLONS BROUGHT FORWARD	166200		
GALLONS THIS DATE			
GALLONS TO DATE			

CHECKED (Signature)

APPROVED [signature] (Engineer Officer, U. S. N.)

REMARKS

0000–0400

SIGNED

0400–0800

#1 Evap. Dist. to #3 stbd
Filled #1 Washup Tank, 3/4 can Washup
@0700 Shifted Dist to #2 Stbd. Feed

@0745
#1 port - 23' - Test 2 drops
#1 Stbd - 3' - Test 2 drops
#2 port - 12' - Test 2 drops
#2 Stbd - 14' - Test 4 drops

SIGNED R. Sheppard

0800–1200

#-1 & 2 Evap. Dist.
to #-3 Center.....
Added 8 oz. chlorine
per 1000 gals Dist....

F.W. Dist. (20 Hrs) 22,300 gals.

SIGNED E. A. Magallanes

1200–1600

SIGNED

1600–2000

#1 Evap. Dist to Bilge - Unit flooded,
Brine pump no seal. Loosened packing
gland - got some leak off + seal,
@1730 started distilling to #3 stbd
added 8 oz chlorine to 1000 gals. F.W. Dist.

SIGNED R. Sheppard

2000–2400

#-1 & 2 Evap. Dist. to
#-3 Stbd....
Added 8 oz. chlorine
per 1000 gals. Dist.....

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. 11-50)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY _____ U. S. S. Gen. Nomad Pope PLANT NO. 1

AT ANCHOR _____ TIME: ZONE DESCRIPTION _____ SET CLOCKS AHEAD OR BACK _____ MINUTES AT _____ DATE 2-21 .19 67

HOUR ENDING

	2-22-67											2-21-67												
	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	9	9	10	10	10	9	8	8	8	8	8
STEAM FROM REG. VALVE, PRESSURE #G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	4	4	4	3"	2"	2"	2"	4	4	4	4	3	3	3	3	2"	2"	2"	2"	4	4	4	4	4
STEAM TO 1ST EFFECT, TEMPERATURE, °F	235	235	235	240	240	240	240	235	235	235	235	235	235	235	235	240	240	240	240	235	235	235	235	235
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	185	185	185	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	185	185	185	185	185
1ST EFFECT SHELL PRESSURE, "HG	14	14	14	13"	13"	13"	13"	14	14	14	14	14	14	14	14	11"	11"	13"	13"	14	14	14	14	14
2D EFFECT COIL DRAIN, TEMPERATURE, °F	162	162	162	166	166	166	166	160	160	160	160	162	162	162	162	170	170	166	166	162	162	162	162	162
2D EFFECT SHELL PRESSURE, "HG	15	15	15	15"	15"	15"	15"	15	15	15	15	15	15	15	15	14"	14"	15"	15"	15	15	15	15	15
3D EFFECT COIL DRAIN, TEMPERATURE, °F	152	152	152	154	154	154	154	150	150	150	150	148	148	148	148	150	150	150	152	152	152	152	152	152
3D EFFECT SHELL PRESSURE, "HG	22	22	22	23"	23"	23"	23"	23	23	23	23	22	22	22	22	22"	22"	23"	23"	22	22	22	22	22
CONDENSATE TO COOLER, TEMPERATURE, °F	134	134	134	134	134	134	134	132	132	132	132	124	124	124	124	128	128	130	130	134	134	134	134	134
CONDENSATE FROM COOLER, TEMPERATURE, °F	92	92	92	92	92	92	92	92	92	92	92	86	86	86	86	88	88	89	89	92	92	92	92	92
BRINE OVERBOARD, TEMPERATURE, °F	128	128	128	128	128	128	128	132	132	132	132	130	130	130	130	126	126	126	126	126	126	126	126	126
STEAM TO AIR EJECTOR, PRESSURE, #G	92	92	92	92	92	92	92	92	92	92	92	90	90	90	90	92	92	92	92	92	92	92	92	92
AIR EJECTOR DRAINS, TEMPERATURE, °F																								
CIRC. WATER INJECTION, TEMPERATURE, °F	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	67	67	67	67	67	67	67	67	67	67	67	77	77	77	77	67	67	67	67	67	67	67	67	67
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	160	160	160	164	164	164	164	156	156	156	156	160	160	160	160	174	174	162	164	154	154	154	154	154
CIRC. WATER OVERBOARD, TEMPERATURE, °F	104	104	104	104	104	104	104	104	104	104	104	90	90	90	90	94	94	102	102	104	104	104	104	104
CIRC. PUMP SUCTION PRESSURE, #G	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
CIRC. PUMP DISCHARGE PRESSURE, #G	20	20	20	20	20	20	20	20	20	20	20	18	18	18	18	18	18	20	20	20	20	20	20	20
BRINE PUMP SUCTION PRESSURE, #G	23	23	23	25"	25"	25"	25"	21	21	21	21	23	23	23	10	24"	24	25"	25"	23	23	23	23	23
BRINE PUMP DISCHARGE PRESSURE, #G	33	33	33	20	20	30	30	36	36	36	36	30	30	30	10	30	30	24	25	33	33	33	33	33
FEED PUMP SUCTION PRESSURE, #G	—	—	—	—	—	—	—					—	—	—		—	—	—	—					
FEED PUMP DISCHARGE PRESSURE, #G	—	—	—	—	—	—	—					—	—	—		—	—	—	—					
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	2	2	2	2"	2"	2"	2"	2	2	2	2	6	6	6	6	1"	1"	2"	2"	2	2	2	2	2
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	55	55	55	54	54	54	54	56	57	57	57	53	53	53	53	54	54	54	54	54	54	54	54	54
F. W. PUMP DISCHARGE PRESSURE	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	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	1.5	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
AIR EJECTOR DRAINS, SALINITY—E. P. M.	30	30	30	30	20	20	20	20	20	20	20	30	30	30	30	30	30	30	30	30	20	20	30	30
1ST EFFECT DRAINS, SALINITY—E. P. M.	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02
CONDENSATE FROM COOLER, 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

2-22-67 #2 2-21-67

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
	05090800		
0000			
0100	05100700	1100	
0200	05101700	1000	
0300	05102700	1000	
0400	05103700	1000	
0500	05104700	1000	
0600	05105700	—	1000
0700	05106800	—	1100
0800	05107800	—	1000
0900	05108800	1000	
1000	05109700	1000	
1100	05110800	100	
1200	—		
1300	—		
1400	—		
1500			
1600	05091300	500	
1700	05092600	1300	
1800	05093700	1100	
1900	05094700	1000	
2000	05095600	900	
2100	05096600	1000	
2200	05097600	1000	
2300	05098600	1000	
2400	05099600	1000	

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

SCALING RECORD

	EFFECT NO. 1	EFFECT NO. 2	EFFECT NO. 3
DATE LAST SCALED			
HOURS BROUGHT FORWARD			
HOURS THIS DATE	157		
HOURS TO DATE			
GALLONS BROUGHT FORWARD	136100		
GALLONS THIS DATE			
GALLONS TO DATE			

CHECKED (Signature)

APPROVED

(Engineer Officer, U. S. N.)

REMARKS

0000–0400

1 + 2 EVAP DIST TO

CENTER TANK

ADDED 8 oz CHLORINE PER 1000 GALS

SIGNED McRay Hill

1200–1600

1 + 2 EVAP DIST TO

3 STBD

ADDED 8 oz CHLORINE PER 1000 GALS

SIGNED McRay Hill

0400–0800

#2 Evap. Dist to #3
Filled #2 Evap Tank. 3/4 con Na Evap.
@ 0500 shifted dist. to #2 stbd feed

SIGNED R. Sheppard

1600–2000

#2 Evap. Dist to #3 stbd.
added 8 oz chlorine per 1000 gals. F.W. dist

SIGNED R. Sheppard

0800–1200

#. 1 & 2 Evap. Dist.
to #-3 Center ...
Added 8 oz. chlorine
per 1000 gals Dist.
F. W. Dist. 20 Hrs - 20,000 gals

SIGNED E. J. Magallanes

2000–2400

#-1 & 2 Evap. Dist to
#-3 Stbd.....
Added 8 oz. chlorine
per 1000 gals. Dist....

SIGNED E. J. Magallanes

NAVSHIPS 367h (REV 11-50) BACK

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 ______ U. S. S. General John Pope PLANT NO. 2

AT ANCHOR ______ TIME: ZONE DESCRIPTION ______ SET CLOCKS AHEAD OR BACK ______ MINUTES AT ______ DATE 2-21, 19 67

HOUR ENDING: 2-22-67 (0100–1100) / 2-21-67 (1200–2400)

	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	9	9	8	8	9	9	[illegible]	8	8	8	8
STEAM FROM REG. VALVE, 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	0
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STEAM TO 1ST EFFECT, TEMPERATURE, °F	240	235	240	240	240	240	240	235	235	240	240	240	235	235	235	240	240	240	240	235	235	235	235	235
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	186	188	188	190	190	190	190	190	190	190	190	186	186	188	188	188	188	188	188	186	186	186	186	186
1ST EFFECT SHELL PRESSURE, "HG	11	11	11	11"	11"	11"	11"	11	11	11	11	11	11	11	11	11"	11"	11"	11"	11	11	11	11	11
2D EFFECT COIL DRAIN, TEMPERATURE, °F	—	—	—	—	—	—	—					—	—	—	—	—	—	—	—					
2D EFFECT SHELL PRESSURE, "HG	18	18	18	18"	18"	18"	18"	18	18	18	18	18	18	18	18	18"	18"	18"	18"	18	18	18	18	18
3D EFFECT COIL DRAIN, TEMPERATURE, °F	146	146	146	146	146	148	150	146	146	146	146	145	145	145	145	146	146	150	152	146	146	146	146	146
3D EFFECT SHELL PRESSURE, "HG	21	21	21	23"	23"	23"	23"	21	21	21	21	22	22	22	22	22"	22"	22"	22"	22	—	—	—	—
CONDENSATE TO COOLER, TEMPERATURE, °F	134	134	134	134	134	134	136	132	132	132	132	136	136	136	136	130	130	134	134	134	134	134	134	134
CONDENSATE FROM COOLER, TEMPERATURE, °F	—	—	—	—	—	—	—					—	—	—		—	—		—					
BRINE OVERBOARD, TEMPERATURE, °F	128	128	130	130	130	130	130	130	130	130	130	128	128	128	126	126	126	126	126	126	126	126	128	128
STEAM TO AIR EJECTOR, PRESSURE, #G	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	94	94	92	92	96	96	96	96	96
AIR EJECTOR DRAINS, TEMPERATURE, °F																								
CIRC. WATER INJECTION, TEMPERATURE, °F	67	67	67	67	67	67	67	67	67	67	67	77	77	77	77	67	67	67	67	67	67	67	67	67
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	67	67	67	67	67	67	67	67	67	67	67	77	77	77	77	67	67	67	67	67	67	67	67	67
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F																								
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F																								
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F	115	115	115	125	125	125	120	110	110	110	110	110	110	110	110	110	110	115	115	115	115	115	115	115
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	124	124	124	138	138	138	134	120	120	120	120	135	135	135	135	124	124	126	128	124	124	124	124	124
FEED TO 1ST EFFECT, TEMPERATURE, °F	138	138	138	158	158	158	154	138	138	138	138	145	145	145	145	140	140	144	144	138	138	138	138	138
CIRC. WATER OVERBOARD, TEMPERATURE, °F	100	100	100	102	102	102	102	100	100	100	100	98	98	98	98	98	98	100	102	100	100	100	100	100
CIRC. PUMP SUCTION PRESSURE, #G	5	5	6	5	5	5	5	5	5	5	5	5	5	6	6	5	5	5	5	5	5	5	5	5
CIRC. PUMP DISCHARGE PRESSURE, #G	24	24	24	24	24	24	24	24	24	24	24	23	23	23	23	23	23	24	24	24	24	24	24	24
BRINE PUMP SUCTION PRESSURE, #G	20	20	20	25"	25"	24"	23"	20	20	20	20	22	22	22	22	24"	24"	24"	24"	20	20	20	20	20
BRINE PUMP DISCHARGE PRESSURE, #G	36	36	36	25	25	25	25	34	34	34	34	30	30	30	30	30	30	30	30	35	35	36	36	36
FEED PUMP SUCTION PRESSURE, #G	—	—	—	—	—	—	—					—	—	—	—	—	—	—	—					
FEED PUMP DISCHARGE PRESSURE, #G	—	—	—	—	—	—	—					—	—	—	—	—	—	—	—					
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	0	0	0	1"	1"	1"	1"	1	1	1	1	0	0	0	0	1"	1"	1"	1	0	0	0	0	0
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52
F. W. PUMP DISCHARGE PRESSURE	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	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	1.5	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
	30	30	30	30	20	20	20	20	20	20	20	30	30	30	30	30	30	30	30	20	20	30	30	30
AIR EJECTOR DRAINS, SALINITY—E. P. M.	02	02	02	.02	.02	.02	.02	02	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	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.																								