NAVSHIPS 3676 (REV. 11-50)

LOW PRESSURE DISTILLING PLANT OPERATING RECORD

UNDERWAY X U. S. S. Gen John Pope T-APH0 PLANT NO. I

AT ANCHOR TIME: ZONE DESCRIPTION SET CLOCKS AHEAD OR BACK MINUTES AT DATE 6-21-22 .19 66

	Wed. 6-22-66 HOUR ENDING											Tue 6-21-66 HOUR ENDING												
	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	8	8	8	8	7	8	7		7	7	8	8	8	8	7	8	8	8	8	8	8
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	2	2	2		1	2	2		2	2	2	2	2	2	1	2	2	3	1.5	1.5	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	1	1	1	1	1	1	1	2"	2"	2.5#		2"	2	2	2	2	2		2	4	5#	6"	1"	1
STEAM TO 1ST EFFECT, TEMPERATURE, °F	280	280	280	260	260	260	260	250	266	248		235	240	240	245	276	276	250	275	290	250	292	292	280
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	184	185	185	190	190	190	180	185	180	200		180	180	180	180	180	180		180	195	200	180	180	180
1ST EFFECT SHELL PRESSURE, "HG	10"	10"	10"	10"	10"	10"	10"	12	11	14		10"	10"	10"	10"	10"	10"		10"	12	16	13	10	10"
2D EFFECT COIL DRAIN, TEMPERATURE, °F	156	160	160	158	158	158	158	156	156	152		160	162	162	162	160	160		160	160	140	156	156	156
2D EFFECT SHELL PRESSURE, "HG	17"	17"	17"	17"	17"	17"	17"	17	17	18.5		17"	17"	17"	17"	17"	17"		17"	17	20	17	16	16"
3D EFFECT COIL DRAIN, TEMPERATURE, °F	150	152	152	148	148	148	150	150	150	140		150	150	150	152	154	154		154	152	130	148	148	150
3D EFFECT SHELL PRESSURE, "HG																								
CONDENSATE TO COOLER, TEMPERATURE, °F	152	152	152	152	152	152	152	152	152	152		152	152	152	152	152	152		152	152	152	152	152	152
CONDENSATE FROM COOLER, TEMPERATURE, °F	100	100	102	102	102	102	102	101	101	97		98	98	98	98	102	102		102	101	94	101	101	100
BRINE OVERBOARD, TEMPERATURE, °F	134	134	134	134	134	134	130	140	140	134		128	128	128	128	136	136		136	144	144	144	144	138
STEAM TO AIR EJECTOR, PRESSURE, #G	94	94	94	94	94	94	90	92	94	94		94	94	94	94	94	94		90	92	94	94	94	94
AIR EJECTOR DRAINS, TEMPERATURE, °F																								
CIRC. WATER INJECTION, TEMPERATURE, °F	87	86	86	85	85	85	86	87	87	87		85	85	85	85	85	85		85	86	87	87	87	87
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	87	86	86	85	85	85	86	88	88	88		85	86	85	85	85	85		85	87	87	87	87	87
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F																								
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F																								
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F	120	120	120	120	120	120	122	120	122	115		118	118	118	120	116	116		116	122	118	120	120	120
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	135	134	134	134	134	134	136	134	136	127		134	134	134	136	132	132		132	138	128	135	135	135
FEED TO 1ST EFFECT, TEMPERATURE, °F	156	162	162	154	152	152	154	152	154	146		154	154	154	158	152	152		150	156	142	154	154	154
CIRC. WATER OVERBOARD, TEMPERATURE, °F	114	114	114	110	110	110	112	112	112	107		110	114	114	114	104	104			114	108	112	112	114
CIRC. PUMP SUCTION PRESSURE, #G	10	10	10	10	10	10	10	10"	10	16		10	10	10	10	10	10		10	10"	10"	10"	10"	10
CIRC. PUMP DISCHARGE PRESSURE, #G	8	8	8	8	8	8	8	10	10	10		8	8	8	8	8	8		8	10	10	10	10	10
BRINE PUMP SUCTION PRESSURE, #G	22	22	22	22	22	22	22	21	21	22		22	22	32	32	32	32		32	21	22	21	21	21
BRINE PUMP DISCHARGE PRESSURE, #G	34	35	35	35	35	35	35	35	36	37		34	34	34	34	34	34		34	36	34	34	34	36
FEED PUMP SUCTION PRESSURE, #G	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1		1	1	1	1	1	1
FEED PUMP DISCHARGE PRESSURE, #G	25	25	25	25	25	25	25	25	25	24		22	23	23	23	23	23		23	22	22	22	22	22
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	2	2	2	2	2	2	2	5"	5"	0		4	4	4	4	4	4		4	1#	2#	5"	5#	5
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	57	56	56	56	56	56	56	55	55	58		55	56	56	56	56	56		56	60	63	63	63	63
F. W. PUMP DISCHARGE PRESSURE	10	10	10	10	10	10	10	10	15	10		10	10	10	10	10	10		10	10	10	28	#0	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
Fresh Water Salinity.	2D	2D	2D	2D	2D	2D	2D	2D	2D	2D		2D	2D	2D	2D	3D	3D		3D	5D	1.5G	2D	2D	2D
AIR EJECTOR DRAINS, SALINITY—E. P. M.	.06	.06	.06	06	06	06	.06	.35	.35	.35		.06	.06	.06	.06	.06	06		06	.18	.18	.18	.18	.06
1ST EFFECT DRAINS, SALINITY—E. P. M.	.05	.05	.05	05	05	05	05	.03	.03	.03		.04	.04	.05	.05	05	05		05	.02	.02	.02	.02	.05
CONDENSATE FROM COOLER, SALINITY—E. P. M.																								

#1

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
		23100	
0000		24900	
0100		24000	1185
0200		24000	
X 0300	05879100	24000	5600
0400		24000	
0500		24000	5600
0600		24000	
X 0700	05884800	24700	
0800			1110
0900			
1000			
Wed X 1100	05890300	5506	41
1200	05858200		
1300			
1400			
X 1500	05864100	5900	
1600			
1700			
1800	05868100		
X 1900	~~05864100~~	4000	
2000			
2100			
2200	05872100	4000	
X 2300	05873500		1400
2400			

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

SCALING RECORD

	EFFECT NO. 1	NO. 2	NO. 3
DATE LAST SCALED	6-6-66	6-6-66	6-6-66
HOURS BROUGHT FORWARD	257		
HOURS THIS DATE	23		
HOURS TO DATE	280		
GALLONS BROUGHT FORWARD	406000		
GALLONS THIS DATE	32100		
GALLONS TO DATE	438100		

CHECKED (Signature)

APPROVED

(Engineer Officer, U. S. N.)

REMARKS

Wed. 6-22-66

0000–0400

#1 unit dist. TO #1 part - Feed
@0345 Shifted Dist. TO #3 center line

SIGNED R. Shuppard

0400–0800

#1 & 2 EVAP. DIST TO # 3 CENTER
Added @ 2 CHLORINE (8OZ)
PER 1000 DIST.

SIGNED E.J. Magallanes

0800–1200

Water to #3 &
Added Chlorine ea hr. 8oz per 1000 gal.

SIGNED _____

Tue 6-21-66

1200–1600

~~Water to Aft. Peak~~
#1 unit Dist. TO After peak Tank
@1350 Shifted Dist TO # 3 Center line
Filled #1 Makeup Tank

SIGNED R. Shuppard

1600–2000

#1 & 2 EVAP. DIST. TO # 3 CENTER
SECURED #1 EVAP @ 1800
#1 BRINE PUMP Kicked off.
called ELECT. STARTED @ 1820
BRINE PUMP Kicked off again @ 1930

SIGNED E.J. Magallanes

2000–2400

Birine pump off @ 20:00
Brine pump off. off line 20:45
ON LINE 21:00
Water to #3 & #1 @ 22:00
Water to #1 Port @ 22:00

SIGNED Jas B. McIntyre

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 X U. S. S. Gen. John Pope T-AP 110 PLANT NO. II

AT ANCHOR ____ TIME: ZONE DESCRIPTION ____ SET CLOCKS AHEAD OR BACK ____ MINUTES AT ____ DATE 6-21-22- .1966

Wed. 6-22-66 — HOUR ENDING — Tue 6-21-66

	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400
STEAM TO REG. VALVE, PRESSURE #G	8	8	8	8	8	8	8	8	8	9		8	8	8	8	8	8		8	8	8	8	8	8
STEAM FROM REG. VALVE, PRESSURE #G	2	2	2	2	2	2	2	1	2	1		2	2	2	2	2	2		2	1.5	1.5	1	1	2
STEAM TO 1ST EFFECT, PRESSURE, "HG OR #G	0	0	0	0	0	0	0	0.5#	0.5#	0.5#		1	1	1	1	1	1		1	.05#	.05#	0	0	0
STEAM TO 1ST EFFECT, TEMPERATURE, °F	275	275	275	280	280	280	280	285	273	270		275	275	275	275	276	275		275	280	280	280	280	275
1ST EFFECT COIL DRAIN, TEMPERATURE, °F	180	182	180	180	180	184	180	180	180	180		180	180	180	180	180	180		180	180	180	180	180	180
1ST EFFECT SHELL PRESSURE, "HG	10"	10"	10"	10"	10"	10"	10"	11	12	11		13"	13"	13"	12"	13"	13"			12	12	12	12	11"
2D EFFECT COIL DRAIN, TEMPERATURE, °F																								
2D EFFECT SHELL PRESSURE, "HG	20"	20"	20"	20"	20"	20"	20	19	19	19		20"	20"	20"	20"	20"	20"		20"	20	20	20	20	20"
3D EFFECT COIL DRAIN, TEMPERATURE, °F	150	150	150	150	150	150	150	152	152	150		150	150	150	150	154	154		154	150	150	150	150	150
3D EFFECT SHELL PRESSURE, "HG	25"	25"	25"	25"	25"	25"	25"	25"	27	26		26"	26"	26"	26	26	26"		26	26	26	26	26	26"
CONDENSATE TO COOLER, TEMPERATURE, °F	140	140	140	140	140	140	140	140	140	146		138	138	138	138	138	138		138	138	140	140	140	140
CONDENSATE FROM COOLER, TEMPERATURE, °F	100	102	102	102	102	102	104	104	106	104		100	100	100	100	102	102		102	102	103	103	103	102
BRINE OVERBOARD, TEMPERATURE, °F	136	134	134	134	134	134	134	138	138	138		128	128	128	126	136	136		136	140	140	140	140	140
STEAM TO AIR EJECTOR, PRESSURE, #G	92	92	92	92	92	92	92	90	90	98		90	90	90	90	98	98		98	98	98	92	92	92
AIR EJECTOR DRAINS, TEMPERATURE, °F																								
CIRC. WATER INJECTION, TEMPERATURE, °F	87	86	86	85	85	85	86	88	87	89		85	85	85	85	85	85		85	87	87	87	87	87
CIRC. WATER TO CONDENSATE COOLER, TEMPERATURE, °F	87	86	86	85	85	85	86					85	85	84	85	85	85		85					87
CIRC. WATER TO DISTILLER CONDENSER, TEMPERATURE, °F																								
FEED TO AIR EJECTOR CONDENSER, TEMPERATURE, °F																								
FEED TO 2D EFFECT VAP. FD. HEATER, TEMPERATURE, °F	115	114	115	115	115	115	116	120	120	123		115	115	115	115	120	120		120	120	120	119	119	115
FEED TO 1ST EFFECT VAP. FD. HEATER, TEMPERATURE, °F	132	132	134	132	132	132	132	133	132	136		130	130	130	130	134	134		134	132	132	132	132	132
FEED TO 1ST EFFECT, TEMPERATURE, °F	156	160	160	156	156	156	154	154	154	156		150	152	152	152	152	152		152	152	154	154	154	156
CIRC. WATER OVERBOARD, TEMPERATURE, °F	106	106	106	105	105	105	105	106	106	106		104	104	104	104	112	112		112	106	106	106	106	106
CIRC. PUMP SUCTION PRESSURE, #G	3	3	3	3	3	3	3	3	3	3		3	3	3	3	3	3		3	3	3	3	3	3
CIRC. PUMP DISCHARGE PRESSURE, #G	18	18	18	18	18	18	18	18	18	18		18	18	18	18	18	18		18	18	18	19	19	19
BRINE PUMP SUCTION PRESSURE, #G	20	20	20	20	20	20	20	19	19	19		20	20	20	20	20	20		20	20	20	20	20	20
BRINE PUMP DISCHARGE PRESSURE, #G	19	19	19	19	19	19	19	18	18	18		18	18	18	18	18	18		18	19	19	19	19	19
FEED PUMP SUCTION PRESSURE, #G	8	8	8	8	8	8	8	8	8	8		8	8	8	8	8	8		8	8	8	8	8	8
FEED PUMP DISCHARGE PRESSURE, #G	37	35	35	35	35	35	35	37	37	37		38	38	36	38	38	38		38	38	39	38	38	31
1ST EFFECT DRAIN PUMP SUCTION PRESSURE, #G	4	4	4	4	4	4	4	5"	5"	5"		5	5	5	5	5	5		5	5"	5"	5"	5	5
1ST EFFECT DRAIN PUMP DISCHARGE PRESSURE, #G	48	48	48	48	48	48	48	48	48	48		47	47	47	47	47	47		47	50	50	50	50	49
F. W. PUMP DISCHARGE PRESSURE	14	14	14	14	14	14	14	14	14	14		14	14	14	14	14	14		14	15	10	16	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
Fresh Water Salinity	20	20	20	20	20	20	20	20	40	20		20	20	20	20	30	30		30	20	20	20	20	20
AIR EJECTOR DRAINS, SALINITY—E. P. M.	.04	.04	.04	.06	.06	.06	.06	.05	.05	.05		.04	.04	.04	.04	.06	.06		.06	.06	.06	.04	.06	.04
1ST EFFECT DRAINS, SALINITY—E. P. M.	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05		.05	.05	.05	.04	.05	.05		.05	.05	.05	.05	.05	.05
CONDENSATE FROM COOLER, SALINITY—E. P. M.																								

No Producing

DISTILLED WATER RECORD

HOUR ENDING	METER READING	GALLONS SHIPS TANKS*	GALLONS FEED TANKS*
0000			
0100			
0200			
X 0300	01594000	249	5500
0400			
0500			
0600			
X 0700	01599500	5500	
0800			
0900			
1000			
Wed X 1100	01604500	5000	
1200	01572000		
1300			
1400			
X 1500	01527600	5600	
1600			
1700			
1800			
X 1900	01583000	5400	
2000			
2100 30	01586400	3400	
2200			
X 2300	01588500		2100
2400			

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

SCALING RECORD

	EFFECT NO. 1	NO. 2	NO. 3
DATE LAST SCALED	6-6-66	6-6-66	6-6-66
HOURS BROUGHT FORWARD	307		
HOURS THIS DATE	13		
HOURS TO DATE	320		
GALLONS BROUGHT FORWARD	402200		
GALLONS THIS DATE	32500		
GALLONS TO DATE	434700		

CHECKED (Signature)

APPROVED

(Engineer Officer, U. S. N.)

NAVSHIPS 3676 (REV. 11-50) BACK

REMARKS

Wed. 6-22-66

0000–0400

#2 unit dist. to #1 port. Feed @ 0345 shifted dist to #3 center line

SIGNED R. Sheppard

0400–0800

#1 & 2 Evap Dist. To #3 Center. Added Chorine (8 OZ) per 1000 Gals Dist.

SIGNED E. J. Magallanes

0800–1200

Water to #3 &
Added Chlorine each hr 8 oz per 1000 gal.
Filled Hager tank
Brine pump Kicked out 10:20
Fire drill on no help.
Fresh Water pump off & circulating.

SIGNED Jas B. McIntyre.

Tue. 6-21-66

1200–1600

~~Water to Aft. Peak.~~
#2 unit dist. to After peak Tank @ 1350 Shifted dist. to #3 center line.
Filled #2 Nacevap Tank

SIGNED R. Sheppard

1600–2000

#1 & 2 Evap. Dist to #3 Center
~~Secured~~ #1 Evap @ 1800
#1 Brine Pump Kick off.
Called Elect. Started @ 1820. Brine Pump Kick off again @ 1830

SIGNED E. J. Magallanes

2000–2400

Water to #3 & tk 11 21:30
Water to #1 Stbd @ 21:30
Water to #1 Port @ 22:00

SIGNED Jas B. McIntyre.

Stocked in CDS

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

19.5'