

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
POPE				PUSAN, KOREA		VIET NAM		P-2		4/14/15	

	WATCH							WATCH							
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		
RUNNING TIME	240	210	240	240			MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING	126	126	126	123	123		
DETENTION TIME								FORWARD L. P. ROTOR BEARING	123	123	121	120	120		
REVOLUTION COUNTER (END OF WATCH)	6502 9040	6504 6960	6506 3770	6508 6550				AFT. L. P. ROTOR BEARING	123	124	123	122	122		
TOTAL REVOLUTIONS (FOR WATCH)	17730	17920	16810	16780				HOTTEST GEAR BEARING FORWARD	135	135	134	132	132		
AVERAGE RPM	73.9	74.7	70.0	70.0				HOTTEST GEAR BEARING AFT	131	131	128	128	128		
223 629 O. METER (END OF WATCH)	4800 2970	4580 3990	6600 4860	7410 5740	7990 6370	8370 6660		AUX. COND. CONDENSATE	114	115	111	110	110	112	
F.O. CONSUMED	1870	2000	1690	1690	1200	570		1ST STAGE FEED WATER HEATER	121	121	118	116	116	104	
MACHINERY PARTICULARS	THROTTLE	420	420	420	420	420		TEMPERATURES (CONT'D)	O. C. FEED WATER HEATER	238	237	238	238	238	238
	H.P. AHEAD	400	400	340	345	VAR			3RD STAGE FEED WATER HEATER						
	L.P. AHEAD	6	6	3	2.5	VAR			F.O. TO BURNERS	160	150	150	150	150	150
	VACUUM	29.0"	29"	29"	29"	29"	F.O. BACK PRESSURE								
	L.O. TO TURBINES	13.5	13.5	13.5	13.5	13.5	AIR TO FURNACE		122 1/2	122 1/2	123 1/2	122 1/2	122 1/2	122 1/2	
	AUX. STEAM	125	125	125	125	125	UPTAKE		280	280	285	290	290	290	
	BACK PRESSURE	10	10	10	10	10	MAIN STEAM		610	600	600	610	610	560	
	GLAND STEAM	.5	.5	.5	.2	.5	SUPER HEAT		450	450	450	450	450	450	
	H.P. BLEEDER	-	-	-	-	-	F.O. TO BURNERS		160	160	130	130	130	110	
	L.P. BLEEDER	-	-	-	-	-	F.O. TEMP. IN SETTLING TANKS		85	85	95	90	90	103	
L.P. BLEEDER	-	-	-	-	-	PORT BOILER UPTAKE									
PRESSURES	STEAM AT THROTTLE	610	600	600	610	600	PRESSURES	STBD. BOILER UPTAKE							
	L.P. EXHAUST	110	110	106	106	108		ENGINE ROOM TEMPERATURE	100	99	97	97	99	98	
	CONDENSATE	106	106	102	99	98		FIRE ROOM TEMPERATURE							
	CIRC. WATER IN	83	83	82	79	79		NOZZLES IN USE	PROT. PROT. PROT. PROT. PROT. PROT.						
	CIRC. WATER OUT	92	93	92	88	88		NO. OF BURNERS IN USE	4	4	4	4	VAR	4	
	L.O. TO COOLERS	122	122	122	122	122		BURNER TIP SIZE	A	A	A	A	A	C	
	L.O. FROM COOLERS	112	110	110	110	110		CO2 % PORT BOILER							
	TEMPERATURE THRUST BEARING	114	113	113	111	111		CO2 % STBD. BOILER							
	FORWARD H.P. ROTOR BEARING	123	123	122	121	121		OIL LEVEL MAIN SUMP	NORM	NORM	NORM	NORM	NORM	NORM	

WATCH	GENERATORS											FUEL - WATER AND LUBE OIL						
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	WATER	LUBE OIL			
1200 TO 1600	3	1200	450	610	8	132	112		62	750	750	240	METER AT NOON	274660	ON HAND AT START OF DAY			
	4	1200	450	610	10	138	126		52	760	750	240	METER PREVIOUS NOON	3400/0000	EVAPORATED OR RECEIVED			
													CONSUMED BY METER	9030	ON HAND			
													ON HAND AT START OF DAY	15701	CONSUMED			
													RECEIVED DURING DAY		ON HAND AT START OF DAY			
													EXPENDED DURING DAY	215/219	RECEIVED			
													REMAINING ON BOARD	15267	ON HAND			
1600 TO 2000	3	1200	450	600	8	134	112		62	750	750	240	ON HAND AT START OF DAY	520	CONSUMED			
	4	1200	450	600	10	138	127		52	750	750	240	EVAPORATED OR RECEIVED	165				
													ON HAND	302				
													CONSUMED	423				
2000 TO 2400	3	1200	450	600	8				62	700	700	240	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gal.)					
	4	1200	450	600	10				52	700	700	240	L.O. CENTRIFUGE - HOURS OPERATED					
2400 TO 0400	3	1200	450	600	8	131	110		62	650	650	240	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
	4	1200	450	600	10	138	125		52	750	750	240	4	4	4	4	4	4
0400 TO 0800	3	1200	450	600	8	132	110		62	700	700	240	SUMMARY					
	4	1200	450	600	10	138	124		52	700	700	240	RUNNING TIME		PERCENT OF SLIP			
0800 TO 1200	3	1200	450	560	8	132	110		62	750	750	240	DETENTION TIME		BBL FUEL/MI			
	4	1200	450	560	10	137	124		52	750	750	240	TOTAL REVOLUTIONS		WIND DIRECTION			
													AVERAGE R.P.M.		STATE OF SEA			
													TOTAL MILES BY ENGINE		STATE OF WEATHER			
													TOTAL MILES BY OBSERVATION					

REMARKS

1200-1600 WATCH

MACH. @ before, Dropped Approx 40 GAL. L.O. TO #3 Fd. Pump, PUT #3 Fd. Pump ON LINE @ 1530 SECURED Aux. Fd. Pump. - SECURED #4 Fd. Pump. for minor repairs. Aux. Pump. ON #4 BLR.

switched TO OUT'bd sett. @ 1200

WATCH ENGR'S SIGNATURE-

A. Duncan

1600-2000 WATCH

MACH. AS BEFORE. CHANGED & CLEANED #3 & #4 BURNERS & F.O. DISCH. STRAINERS BLEW TUBES #3 & #4 BLRS.

CHANGED TO 3 1/2 ROT SHOT @ 1930

WATCH ENGR'S SIGNATURE-

W. Braxton

2000-2400 WATCH

MACH. AS BEFORE EXCEPT - REDUCED SPEED TO 70 R.P.M. @ 2000 R/O B.

CHANGED & CLEANED F.O. DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED BILGES -

WATCH ENGR'S SIGNATURE-

J. Seaton

2400-0400 WATCH

MACH. @ before, Routine watch, comp. with Night & dept. orders.

WATCH ENGR'S SIGNATURE-

A. Duncan

0400-0800 WATCH

MACH. AS BEFORE. CHANGED & CLEANED #3 & #4 BURNERS & F.O. DISCH. STRAINERS. MANEUVERING INTO PORT. BELLS AS PER BELLBOOK.

WATCH ENGR'S SIGNATURE-

W. Braxton

0800-1200 WATCH

PORT WATCH - MACH. AS BEFORE EXCEPT - CH. PLUMBER SEC. F.W. EXCEPT TO GALLEY & HOSPITAL @ 1100 - PERMISSION TO BLOW TUBES DENIED BY MATE ON WATCH - CHANGED & CLEANED F.O. DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - BILGES AT SAFE LEVEL -

WATCH ENGR'S SIGNATURE-

J. Seaton

CHIEF ENGINEER

4-15-66 @ 0700

P 8.18 8.18

M 12.85 12.85

OL 7.87 6.21

Pg 35 35

SD 38 33

STW 197-301

CHIEF ENGR'S SIGNATURE-

W. Braxton

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Pope		2		VIET NAM				P-2		4/15/66	

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME															
DETENTION TIME															
REVOLUTION COUNTER (END OF WATCH)															
TOTAL REVOLUTIONS (FOR WATCH)															
AVERAGE RPM															
O. METER (END OF WATCH)		8570	8890	9130	9430	9750	50060								
F.O. CONSUMED		580	630	530	600	640	600								

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
THROTTLE															
H.P. AHEAD															
L.P. AHEAD															
VACUUM			29"	28"	27.8	27.8	27.5								
L.O. TO TURBINES		13.5	13.5	13.5	14	13.5	13.5								
AUX. STEAM		12.5	12.5	12.5	12.5	12.5	12.5								
BACK PRESSURE		10	10	10	10	10	10								
GLAND STEAM		1.0	1.0	1.0	1.0	1.0	1.0								
H.P. BLEEDER															
I.P. BLEEDER															
L.P. BLEEDER															
STEAM AT THROTTLE															
L.P. EXHAUST															
CONDENSATE		92	92	92	94	94	93								
CIRC. WATER IN		78	77	77	78	78	78								
CIRC. WATER OUT		82	82	82	80	81	82								
L.O. TO COOLERS		110	112	111	110	112	112								
L.O. FROM COOLERS		110	110	110	110	110	110								
TEMPERATURE THRUST BEARING															
FORWARD H.P. ROTOR BEARING															

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
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		112	113	111	111	110	110								
1ST STAGE FEED WATER HEATER		102	102	103	104	104	102								
D. C. FEED WATER HEATER		237	237	238	237	237	237								
3RD STAGE FEED WATER HEATER															
F.O. TO BURNERS		150	150	150	150	150	150								
F. O. BACK PRESSURE															
AIR TO FURNACE		118	118	118	119	116	112			115	112	114	112	114	114
UPTAKE		295	290	285	285	288	280								
MAIN STEAM		535	560	560	565	560	510								
SUPER HEAT		450	450	450	450	450	450								
F.O. TO BURNERS		115	105	105	100	100	105								
F.O. TEMP. IN SETTLING TANKS		85	85	95	95	95	105								
PORT BOILER UPTAKE															
STBD. BOILER UPTAKE															
ENGINE ROOM TEMPERATURE		100	97	94	94	93	97								
FIRE ROOM TEMPERATURE															
NOZZLES IN USE															
NO. OF BURNERS IN USE															
BURNER TIP SIZE															
CO ₂ % PORT BOILER															
CO ₂ % STBD. BOILER															
OIL LEVEL MAIN SUMP															

		GENERATORS												FUEL - WATER AND LUBE OIL					
		GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS						
1200 TO 1600		3	1200	450	535	8	130	110		62	600	600	240						
		4	1200	450	535	10	138	125		52	600	600	240						
1600 TO 2000		3	1200	450	560	8	132	110		62	700	700	240						
		4	1200	450	560	10	137	125		52	700	700	240						
2000 TO 2400		3	1200	450	560	8	132	110		62	600	600	240						
		4	1200	450	560	10	137	125		52	600	600	240						
2400 TO 0400		3	1200	450	565	8	129	108		62	650	650	240						
		4	1200	450	565	10	136	123		52	600	600	240						
0400 TO 0800		3	1200	450	560	8	132	110		62	650	650	240						
		4	1200	450	560	10	136	123		52	650	650	240						
0800 TO 1200		3	1200	450	510	8	130	110		62	600	600	240						
		4	1200	450	510	10	137	123		52	600	600	240						

		FUEL OIL		BOILER WATER		LUBE OIL	
METER AT NOON		8420	8420	ON HAND AT START OF DAY			
METER PREVIOUS NOON		8270	6660	EVAPORATED OR RECEIVED			
CONSUMED BY METER		3550		ON HAND			
ON HAND AT START OF DAY		15267		CONSUMED			
RECEIVED DURING DAY				ON HAND AT START OF DAY			
EXPENDED DURING DAY		84/113		RECEIVED			
REMAINING ON BOARD		15070		ON HAND			
ON HAND AT START OF DAY		302		CONSUMED			
EVAPORATED OR RECEIVED		210		DIE 2000			
ON HAND		285					
CONSUMED		227					

L.O. CENTRIFUGE - HOURS OPERATED						
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
3	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

Mach. in op. #3 & 4 bl'rs, Gen's, F.D. FANS, F.O. & Fd. Pumps. - M.H. & Aux.
 Air Eject's, & Circ's. M.H. L.O., Fire, & F.W. Pumps, Air Comp. & JACK Gr.
 Secured #4 M.H. COND. Pump & #4 STIM. F.W. Pump.
 Secured STIM To Throttle Gov. & Various Dis. To Atmos. Dr. TK.

shifted to OUT'bd sett. @ 1200

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

MACH AS BEFORE BLEW TUBES #3 & 4 BL'RS. GLANCED & CLEANED F.O.
 SUCT STRLR.

Elect. Brooks

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

ROUTINE PORT WATCH - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN-
 BILGES AT SAFE LEVEL -

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

MACH @ before, Routine Port watch, comp. with dept. & Night orders
 except #4 of N.O.

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

MACH AS BEFORE. GLANCED & CLEANED F.O. DISCH STRAINERS & #3 BURNER.

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

ROUTINE PORT WATCH - BILGES AT SAFE LEVEL - CHANGED & CLEANED
 F.O. DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN.

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

4-16-66 @ 0700
 #3 #4

P 8.15 8.15

M 12.55 13.43

OK 7.87 6.21

PC 30 35

SD 35 34

STM #rs 221 - 325

CHIEF ENGR'S SIGNATURE-

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Pope				Viet Nam		SAN FRAN, CALIF		P-2		4/16/17	

	WATCH							WATCH					
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		120	240	240	240	240			124	128	128	128	129
DETENTION TIME									129	127	126	125	127
REVOLUTION COUNTER (END OF WATCH)		6510	6512	6514	6516	6518			124	127	128	127	127
TOTAL REVOLUTIONS (FOR WATCH)		8880	21250	21410	21560	21540			138	140	140	141	140
AVERAGE RPM		88.8	88.5	89.2	89.8	89.8			128	133	133	128	133
F.O. METER (END OF WATCH)		8700	1070	2280	3480	4740			110	112	115	118	118
F.O. CONSUMED		580	1380	2430	2450	2570			103	142	140	141	145

	WATCH							WATCH					
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
THROTTLE		425	420	445	445	445							
H.P. AHEAD		425	420	445	445	445							
L.P. AHEAD		15.5	15	17	17	17							
VACUUM		28.7	28.3	28.2	28"	28"							
L.O. TO TURBINES	14	14	14	14	14	14							
AUX. STEAM	125	135	135	135	135	135							
BACK PRESSURE	10	10	11	9.5	10	10							
GLAND STEAM	1.0	-	-	-	.5	-							
H.P. BLEEDER		70	70	68	68	70							
I.P. BLEEDER		9	9	9	9	9							
L.P. BLEEDER		22"	19"	19"	19"	19"							
STEAM AT THROTTLE		560	560	568	570	575							
L.P. EXHAUST		108	113	112	114	115							
CONDENSATE	94	104	105	106	107	107							
CIRC. WATER IN	76	80	80	82	83	83							
CIRC. WATER OUT	80	90	94	92	96	94							
L.O. TO COOLERS	110	122	126	126	124	125							
L.O. FROM COOLERS	110	110	110	112	110	110							
TEMPERATURE THRUST BEARING		112	115	115	114	115							
FORWARD H.P. ROTOR BEARING		124	124	125	124	125							

	WATCH							WATCH					
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
AFT. H. P. ROTOR BEARING													
FORWARD L. P. ROTOR BEARING													
AFT. L.P. ROTOR BEARING													
HOTTEST GEAR BEARING FORWARD													
HOTTEST GEAR BEARING AFT													
AUX. COND. CONDENSATE													
1ST STAGE FEED WATER HEATER													
D. C. FEED WATER HEATER													
3RD STAGE FEED WATER HEATER													
F.O. TO BURNERS	150	150	150	150	150	150							
F. O. BACK PRESSURE													
AIR TO FURNACE	119 1/2	119 1/2	120 1/2	121 1/2	122 1/2	123 1/2							
UPTAKE	296	298	300	312	308	300							
MAIN STEAM	515	560	560	568	570	575							
SUPER HEAT	450	450	450	465	465	465							
F.O. TO BURNERS	100	115	120	135	130	150							
F.O. TEMP. IN SETTLING TANKS	85	85	100	100	100	110							
PORT BOILER UPTAKE													
STBD. BOILER UPTAKE													
ENGINE ROOM TEMPERATURE	97	97	98	99	98	100							
FIRE ROOM TEMPERATURE													
NOZZLES IN USE		16	16	16	16	16							
NO. OF BURNERS IN USE	4	6	6	6	3	6							
BURNER TIP SIZE	C	A	A	A	A	A							
CO ₂ % PORT BOILER													
CO ₂ % STBD. BOILER													
OIL LEVEL MAIN SUMP	Norm	Norm	Norm	Norm	Norm	Norm							

WATCH	GENERATORS											FUEL - WATER AND LUBE OIL			
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	WATER	LUBE OIL
1200 TO 1600	3	1200	450	575	8	130	110		62	600	600	240	METER AT NOON	1200	ON HAND AT START OF DAY
	4	1200	450	575	10	137	124		52	600	600	240	METER PREVIOUS NOON	1200	EVAPORATED OR RECEIVED
													CONSUMED BY METER	1206	ON HAND
													ON HAND AT START OF DAY	15070	CONSUMED
													RECEIVED DURING DAY		ON HAND AT START OF DAY
													EXPENDED DURING DAY	267/325	RECEIVED
													REMAINING ON BOARD	124458	ON HAND
1600 TO 2000	3	1200	450	560	8	130	110		62	600	600	240	ON HAND AT START OF DAY	285	CONSUMED
	4	1200	450	560	10	137	124		52	600	600	240	EVAPORATED OR RECEIVED	150	
													ON HAND	380	
													CONSUMED	85	
2000 TO 2400	3	1200	450	560	8	130	110		62	650	650	240	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)		
	4	1200	450	560	10	139	125		52	650	650	240	L.O. CENTRIFUGE - HOURS OPERATED		
													1200 TO 1600	1600 TO 2000	2000 TO 2400
													2400 TO 0400	0400 TO 0800	0800 TO 1200
2400 TO 0400	3	1200	465	568	8	132	112		62	600	600	240	4	4	4
	4	1200	465	568	10	140	125		52	700	700	240	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		
0400 TO 0800	3	1200	450	570	8	132	110		62	600	600	240			
	4	1200	450	570	10	140	124		52	600	600	240			
0800 TO 1200	3	1200	465	575	8	134	112		62	750	750	240			
	4	1200	465	575	10	141	125		51	750	750	240			

REMARKS

1200-1600 WATCH

MACH. in op. #3 & 4 blr's, Gen's, F.D. FANS, F.O. Pumps #3 MN. Fcl. Pump & Aux. Fd. Pump. MN. & Aux Air Eject. Circ's, #3 MN. COND. Pump. MN. Fire & F.W. Pump. Routine Port watch, CLEANED MN. L.O. STRAINERS.

OUT'bd Settler

WATCH ENGR'S SIGNATURE-

A. Duncan

1600-2000 WATCH

MACH AS BEFORE. PERMISSION TO BLOW TUBES DENIED BY BRIDGE. ROLLED MW UNIT @ STM @ 1700. STBY @ 1730 FOM 2250520, 6298570 CTR 65091520 CTR 84194740. DEPT @ 1800 FOM 2250590 FOM 6298940 CTR 65092270 CTR 84195590 16 NOZZLES @ DEPT B/OB.

WATCH ENGR'S SIGNATURE-

W. Beazley

2000-2400 WATCH

MACH. AS BEFORE EXCEPT - SEC. AUX. AIR EJECTOR - SINGLED UP PLANT - SEC. HIGH WATER GLASS #4 BOILER - CHANGED & CLEANED F.O. DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

J. Seaton

2400-0400 WATCH

OPENED EXTRA Fd. LINES FROM CONT. TK. TO #3 & 4 AUX. COND'S. - SHAFT BEARING AFT of Reefer flat running warm, applied cooling water with hose. Secured #4 MN. COND. Pump. Comp. with Night & dept. orders Routine Watch, Secured GLAND SEAL Reg.

Switched to IN'bd Sett. @ 0000

WATCH ENGR'S SIGNATURE-

A. Duncan

0400-0800 WATCH

MACH AS BEFORE CHANGED & CLEANED #3 BURNER & F.O. DISCH STRAINERS. CHANGED HIGH GAUGE GLASS #4 BLR.

WATCH ENGR'S SIGNATURE-

W. Beazley

0800-1200 WATCH

MACH AS BEFORE - CHANGED F.W. SUCT. TO #2 P/S @ 0800 - BLOW TUBES #3 & #4 BOILERS - CHANGED & CLEANED #5 F.O. BURNER & DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

J. Seaton

CHIEF ENGINEER

4-17-66 @ 0400
#3 #4

P 8.18 8.18

M 12.85 12.85

CHL 5.80 5.80

PCL 30 35

SC 33 36

STW 405 245 - 319

CHIEF ENGR'S SIGNATURE-

W. Beazley

REMARKS

1200-1600 WATCH

Mach. in op. # 3 & 4 bhrs, Gen's, F.O. FANS, F.O. & Fd. Pumps, M.N. Air Comp, Ejector, L.O., Fire, F.W., & Circ. pumps Aux. Circ. Pump. Routine watch.

switched TO OUT'bd. sett. @ 1200

WATCH ENGR'S SIGNATURE-

A. Duncan

1600-2000 WATCH

MACH AS BEFORE CHANGED & CLEANED #1 BURNER & F.O. SUCT STRAINERS
BLOW TUBES #3 & 4 BURS.

WATCH ENGR'S SIGNATURE-

W. B. [Signature]

2000-2400 WATCH

MACH AS BEFORE - CHANGED & CLEANED #6 F.O. BURNER & DISCH STRAINERS -
CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED BILGES

WATCH ENGR'S SIGNATURE-

J. Seaton

2400-0400 WATCH

ROUTINE WATCH. MACH. @ ABOVE.
0310 STEERING GEAR FAILURE ALARM, ST'bd gear in op. 0311

switched TO IN'bd sett. @ 0000

WATCH ENGR'S SIGNATURE-

A. Duncan

0400-0800 WATCH

MACH AS BEFORE: CHANGED & CLEANED #3 BURNER & F.O. DISCH STRAINER
COMPOUNDED CONDENSATE.

WATCH ENGR'S SIGNATURE-

W. B. [Signature]

0800-1200 WATCH

MACH AS BEFORE - BLOW TUBES #3 & #4 BOILERS - CHANGED & CLEANED #5 F.O.
BURNER & DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. -
GEN'S TRIPPED OUT @ 0833 - SEC. BOILERS - PLANT BACK IN NORMAL OPERATION @ 0841 -
PUMPED BILGES -

WATCH ENGR'S SIGNATURE-

J. Seaton

CHIEF ENGINEER

4-18-66 @ 0100
#3 #4

P 8.76 8.18

M 13.43 13.43

CHL 5.80 6.21

Pq 30 35

Sg 32 34

STM HRS 269 - 373

CHIEF ENGR'S SIGNATURE-

[Signature]

USNS Pope VOYAGE NO. Vict Nam FROM SAN FRAN. TYPE OF VESSEL P-2 DATE 4/18/19

		WATCH								WATCH						
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
RUNNING TIME		240	210	240	240	210	240	MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING	126	126	128	125	124	128
DETENTION TIME										FORWARD L. P. ROTOR BEARING	125	125	125	125	126	124
REVOLUTION COUNTER (END OF WATCH)		6533 5150	6535 6550	6537 8000	6539 9680	6542 0970	6544 2230	AFT. L. P. ROTOR BEARING	125	125	125	125	124	127		
TOTAL REVOLUTIONS (FOR WATCH)		20940	21400	21450	21680	21290	21260	HOTTEST GEAR BEARING FORWARD	137	137	137	137	138	138		
AVERAGE RPM		87.3	89.2	89.4	90.3	88.7	88.6	HOTTEST GEAR BEARING AFT	132	132	132	133	130	132		
F.O. METER (END OF WATCH)		4680 5490	5950 4850	7210 6170	8490 7510	9760 8870	71000 20220	AUX. COND. CONDENSATE	121	121	120	116	118	117		
F.O. CONSUMED		2570	2630	2540	2620	2630	2590	1ST STAGE FEED WATER HEATER	141	144	140	138	132	132		
MACHINERY PARTICULARS	PRESSURES	THROTTLE	430	430	430	435	430	430	D. C. FEED WATER HEATER	237	237	236	237	237	236	
		H.P. AHEAD	430	430	430	435	430	430	3RD STAGE FEED WATER HEATER							
		L.P. AHEAD	16.5	16.5	16	17	16.5	15	F.O. TO BURNERS	150	150	150	150	150	150	
		VACUUM	27.5	28.5	29"	29"	28.5	28.3"	F. O. BACK PRESSURE							
	PRESSURES	L.O. TO TURBINES	14	14	14	14	14	14	AIR TO FURNACE	128 128	124 124	120 122	124 123	121 121	124 120	
		AUX. STEAM	135	130	130	130	130	135	UPTAKE	315	309	310	315	325	310	
		BACK PRESSURE	10	10	10	10	10	10	MAIN STEAM	565	550	550	555	550	560	
		GLAND STEAM	-	10	-	-	-	-	SUPER HEAT	450	450	450	455	450	450	
		H.P. BLEEDER	70	70	80	70	70	80	F.O. TO BURNERS	130	125	125	120	120	130	
		I.P. BLEEDER	9	9	9	9	9	9	F.O. TEMP. IN SETTLING TANKS	90	95	100	90	98	100	
	TEMPERATURES	L.P. BLEEDER	19"	19"	19"	19"	19"	20"	PORT BOILER UPTAKE							
		STEAM AT THROTTLE	565	550	550	555	550	560	STBD. BOILER UPTAKE							
		L.P. EXHAUST	116	116	107	108	110	110	ENGINE ROOM TEMPERATURE	102	98	96	96	94	94	
		CONDENSATE	105	98	107	106	102	101	FIRE ROOM TEMPERATURE							
CIRC. WATER IN		81	80	79	78	77	77	NOZZLES IN USE	16	16	16	16	16	16		
CIRC. WATER OUT		92	91	91	90	89	88	NO. OF BURNERS IN USE	6	6	6	6	6	6		
L.O. TO COOLERS		123	123	123	124	125	125	BURNER TIP SIZE	A	A	A	A	A	A		
L.O. FROM COOLERS		109	110	110	109	110	110	CO ₂ % PORT BOILER								
TEMPERATURE THRUST BEARING		112	112	114	112	114	114	CO ₂ % STBD. BOILER								
FORWARD H.P. ROTOR BEARING		124	124	121	124	124	124	OIL LEVEL MAIN SUMP	Norm Norm Norm Norm Norm Norm							

GENERATORS												FUEL - WATER AND LUBE OIL					
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	WATER	LUBE OIL	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED
1200 TO 1600	3	1200	450	565	8	132	113		62	1000	1000	240	METER AT NOON	1000/220	ON HAND AT START OF DAY	47	
	4	1200	450	565	10	142	125		50	1100	1100	240	METER PREVIOUS NOON	3440 2160	EVAPORATED OR RECEIVED		
													CONSUMED BY METER	15620	ON HAND	80	
													ON HAND AT START OF DAY	13772	CONSUMED		
													RECEIVED DURING DAY		ON HAND AT START OF DAY		
													EXPENDED DURING DAY	371/357	RECEIVED		
													REMAINING ON BOARD	13435	ON HAND		
1600 TO 2000	3	1200	450	550	8	132	112		62	1000	1000	240	ON HAND AT START OF DAY	512	CONSUMED		
	4	1200	450	550	10	142	125		51	1000	1000	240	EVAPORATED OR RECEIVED	160	DIE 2000		
													ON HAND	527			
													CONSUMED	85			
2000 TO 2400	3	1200	450	550	8	130	110		62	1000	1000	240	LOW PRESS. EVAPORATORS (No. of hrs. operated)(Fresh water made gal.)				
	4	1200	450	550	10	138	125		51	1000	1000	240	L.O. CENTRIFUGE - HOURS OPERATED				
2400 TO 0400	3	1200	450	533	8	132	110		62	950	950	240	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800
	4	1200	450	535	10	138	125		51	1050	1050	240	4	4	4	4	4
0400 TO 0800	3	1200	450	550	8	132	110		62	1000	1000	240	SUMMARY				
	4	1200	450	550	10	137	124			1000	1000	240	RUNNING TIME	244135	PERCENT OF SLIP		
0800 TO 1200	3	1200	450	560	8	132	110		62	1100	1100	240	DETENTION TIME		BBL FUEL/MI		
	4	1200	450	560	10	137	124		51	1100	1100	240	TOTAL REVOLUTIONS	128020	WIND DIRECTION		
													AVERAGE R.P.M.	88.90	STATE OF SEA		
													TOTAL MILES BY ENGINE	474	STATE OF WEATHER		
													TOTAL MILES BY OBSERVATION				

REMARKS

1200-1600 WATCH

Mach in op. #3 & 4 blr's, GEN's, F.D. FANS, F.O., & Fd Pumps. MN.
Air Eject, Air Comp. L.O., #3 cond, F.W. & Fire Pumps. MN & Aux. Circ's.
Routine Watch

1600-2000 WATCH

Switched to Out'd sett. @ 1200

WATCH ENGR'S SIGNATURE

AS BEFORE. CHANGED & CLEANED #4 BURNER & F.O. SUCT. STRNIR
SPLIT PLANT. BLEW TUBES #3 & 4 BLRS

2000-2400 WATCH

WATCH ENGR'S SIGNATURE

MACH. AS BEFORE - CHANGED & CLEANED #5 F.O. BURNER + DISCH. STRAINERS -
CHANGED & CLEANED L.O. 3 - STRAINERS #3 & #4 Aux. GEN. - PUMPED BILGES -

2400-0400 WATCH

WATCH ENGR'S SIGNATURE

Mach. @ Above, Routine watch, comp. with night & dept. orders

0400-0800 WATCH

WATCH ENGR'S SIGNATURE

Switched to In'd sett. @ 0000

AS BEFORE. CHANGED & CLEANED F.O. DISCH. STRNRS.

ADDED VOLISOLUE TO CONDENSATE. SIMLED UP PLANT.

CHANGED FROM 2 1/2 TO 3 & PETABLE TK SUCT.

0800-1200 WATCH

WATCH ENGR'S SIGNATURE

MACH. AS BEFORE - BLEW TUBES #3 & #4 BOILERS - CHANGED & CLEANED #5 F.O.
BURNER & DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 Aux. GEN. -
CHANGED F.W. SUCT. TO #2 P/S - PUMPED BILGES -

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE

4-19-66 @ 0400
#3 #4

P 8.15 8.76

M 12.85 13.43

OK 5.5 5.39

P 2.5 3.0

S 3.0 3.6

STN 1/2 293-397

CHIEF ENGR'S SIGNATURE

USNS		POPE		VOYAGE NO.		FROM Viet Nam		TO SAN FRAN.		TYPE OF VESSEL P-2		DATE 4/19/20															
		WATCH								WATCH																	
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200			
RUNNING TIME		240		240		220		220		220		240				126		124		127		124		124		128	
DETENTION TIME																126		126		125		123		123		126	
REVOLUTION COUNTER (END OF WATCH)		6546		6548		6550		6552		6554		6556				126		124		126		124		124		126	
TOTAL REVOLUTIONS (FOR WATCH)		21380		21170		19490		19810		19510		21300				138		134		138		136		136		140	
AVERAGE RPM		89.1		85.2		88.6		90.0		88.7		88.8				132		128		130		131		131		132	
F.O. METER (END OF WATCH)		2270		3580		4730		5870		7020		8300				117		116		115		110		108		108	
F.O. CONSUMED		2590		2650		2320		2360		2340		2580				134		133		133		128		130		127	
MACHINERY PARTICULARS		PRESSURES		THROTTLE		435		430		430		435		430		430											
				H.P. AHEAD		435		430		430		435		430		430											
				L.P. AHEAD		15.5		16.5		15		16		15		15											
				VACUUM		28.3		28.3		28.8		28.8		29		29"											
				L.O. TO TURBINES		14		14		14		14		14		14											
				AUX. STEAM		135		130		135		135		135		135											
				BACK PRESSURE		10		10		10		10		10		10											
				GLAND STEAM		-		-		-		-		-		-											
				H.P. BLEEDER		80		80		80		80		80		80											
				I.P. BLEEDER		9		9		9		9		9		9											
L.P. BLEEDER		20"		20		20"		20"		20"		20"															
MACHINERY PARTICULARS		TEMPERATURES		STEAM AT THROTTLE		560		550		550		568		570		575											
				L.P. EXHAUST		108		108		108		104		110		105											
				CONDENSATE		101		102		100		95		94		94											
				CIRC. WATER IN		77		77		76		71		70		70											
				CIRC. WATER OUT		88		87		88		82		80		81											
				L.O. TO COOLERS		125		125		123		121		121		124											
				L.O. FROM COOLERS		110		110		110		107		110		110											
				TEMPERATURE THRUST BEARING		113		113		113		109		112		114											
				FORWARD H.P. ROTOR BEARING		125		124		123		121		121		124											
MACHINERY PARTICULARS		TEMPERATURES		AFT. H. P. ROTOR BEARING		126		124		127		124		124		128											
				FORWARD L. P. ROTOR BEARING		126		126		125		123		123		126											
				AFT. L. P. ROTOR BEARING		126		124		126		124		124		126											
				HOTTEST GEAR BEARING FORWARD		138		134		138		136		136		140											
				HOTTEST GEAR BEARING AFT		132		128		130		131		131		132											
				AUX. COND. CONDENSATE		117		116		115		110		108		108											
				1ST STAGE FEED WATER HEATER		134		133		133		128		130		127											
				D. C. FEED WATER HEATER		236		238		238		236		238		237											
				3RD STAGE FEED WATER HEATER																							
MACHINERY PARTICULARS		TEMPERATURES		F.O. TO BURNERS		150		150		150		150		150		150											
				F. O. BACK PRESSURE																							
				AIR TO FURNACE		12/118		12/119		120/116		119/117		118/118		118/115											
				UPTAKE		315		310		305		315		315		300											
				MAIN STEAM		560		550		550		568		570		575											
				SUPER HEAT		455		455		455		455		455		455											
				F.O. TO BURNERS		125		120		130		130		125		130											
				F.O. TEMP. IN SETTLING TANKS		85		90		95		85		95		98											
				PORT BOILER UPTAKE																							
				STBD. BOILER UPTAKE																							
MACHINERY PARTICULARS		TEMPERATURES		ENGINE ROOM TEMPERATURE		90		89		90		90		88		90											
				FIRE ROOM TEMPERATURE																							
				NOZZLES IN USE		16		16		16		16		16		16											
				NO. OF BURNERS IN USE		6		6		6		6		6		6											
				BURNER TIP SIZE		A		A		A		A		A		A											
				CO2 % PORT BOILER																							
				CO2 % STBD. BOILER																							
				OIL LEVEL MAIN SUMP		Norm		Norm		Norm		Norm		Norm		Norm		Norm		Norm		Norm		Norm			

REMARKS

1200-1600 WATCH

MACH. IN Op. #3 & 4 blrs, Gens., F.D. FRNS, F.O. & Fd. Pumps. MN. Air Eject, Air Comp., L.O., #3 COND., Fire, & F.W. Pumps. MN. & Aux. Circ's.
 Routine watch. Secured MN. Air Comp. 1230, for maintenance, in service @ 1330 weather ST'by @ 1353 4/14/10

Switched to Out'd Sett. @ 1200

WATCH ENGR'S SIGNATURE-

A. Duncan

1600-2000 WATCH

MACH AS BEFORE BLOW TUBES #3 & 4 BLRS

WATCH ENGR'S SIGNATURE-

L. B. Bingham

2000-2400 WATCH

MACH. AS BEFORE - CHANGED & CLEANED #6 F.O. STRAINER BURNER & DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED BILGES - ADVANCED CLOCK 20 MIN @ 2300

WATCH ENGR'S SIGNATURE-

J. Pearson

2400-0400 WATCH

Routine watch, mach. @ above, comp. with Night & dept. orders, Secured #3 p. F.W. TX. to trim ship

WATCH ENGR'S SIGNATURE-

A. Duncan

0400-0800 WATCH

MACH AS BEFORE CHANGED & CLEANED #3 BURNER & F.O. DISCH STRAINERS ADVANCED CLOCK 20 mins @ 0500

WATCH ENGR'S SIGNATURE-

L. B. Bingham

0800-1200 WATCH

MACH. AS BEFORE - BLOW TUBES #3 & #4 BOILERS - CHANGED & CLEANED #5 F.O. BURNER & DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED BILGES -

WATCH ENGR'S SIGNATURE-

J. Pearson

CHIEF ENGINEER

4-20-66 @ 0400
 #3 #4

R 8.15 8.15

M 12.25 12.26

Oil 8.29 7.46

Pg 35 30

Sg 47 31

Sum Hrs 316 420

CHIEF ENGR'S SIGNATURE-

J. Pearson

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE									
Pope				Viet Nam		San Fran.		P-2		4/20/21									
		WATCH						WATCH											
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200				
RUNNING TIME		240	240	240	240	210	210	MACHINERY PARTICULARS (CONT'D)		AFT. H. P. ROTOR BEARING		126	125	127	128	124	128		
DETENTION TIME										FORWARD L. P. ROTOR BEARING		126	127	126	126	128	125		
REVOLUTION COUNTER (END OF WATCH)		6558	6560	6562	6565	6567	6569			AFT. L.P. ROTOR BEARING		126	128	126	128	124	124		
TOTAL REVOLUTIONS (FOR WATCH)		2140	2160	2160	2160	21390	20790			HOTTEST GEAR BEARING FORWARD		138	135	138	141	138	140		
AVERAGE RPM		89.2	90.3	89.4	90.2	89.1	86.6			HOTTEST GEAR BEARING AFT		132	137	132	133	130	132		
F.O. METER (END OF WATCH)		9590	50900	2300	3640	4930	6270	TEMPERATURES (CONT'D)		AUX. COND. CONDENSATE		110	104	108	113	108	110		
F.O. CONSUMED		2610	2720	2670	2680	2610	2620			1ST STAGE FEED WATER HEATER		128	127	130	134	131	131		
MACHINERY PARTICULARS		THROTTLE		435	435	430	435			435	430	D. C. FEED WATER HEATER		236	238	237	238	237	237
		H.P. AHEAD		435	435	430	435			435	430	3RD STAGE FEED WATER HEATER							
		L.P. AHEAD		14.5	19	15	19			17	15.5	F.O. TO BURNERS		150	150	150	150	150	150
		VACUUM		29.0	29"	29"	29"	29"	29"	F. O. BACK PRESSURE									
		L.O. TO TURBINES		14	14	14	14	14	14	AIR TO FURNACE		119/117	118/116	110/114	117/117	116/116	112/112		
PRESSURES		AUX. STEAM		135	135	135	130	130	135	UPTAKE		312	310	295	312	315	300		
		BACK PRESSURE		10	10	10	10	10	10	MAIN STEAM		570	565	550	533	555	575		
		GLAND STEAM		-	-	-	-	-	-	SUPER HEAT		460	460	460	460	460	460		
		H.P. BLEEDER		80	80	80	72	74	70	F.O. TO BURNERS		130	165	130	140	140	130		
		I.P. BLEEDER		9	9	9	9	9	9	F.O. TEMP. IN SETTLING TANKS		80	110	90	86	95	100		
TEMPERATURES		L.P. BLEEDER		20"	20"	20"	20"	20"	20"	PORT BOILER UPTAKE									
		STEAM AT THROTTLE		570	565	550	533	565	575	STBD. BOILER UPTAKE									
		L.P. EXHAUST		102	102	103	105	104	103	ENGINE ROOM TEMPERATURE		89	88	88	88	87	87		
		CONDENSATE		95	97	97	100	97	97	FIRE ROOM TEMPERATURE									
		CIRC. WATER IN		70	68	72	74	70	72	NOZZLES IN USE		16	16	16	16	16	16		
		CIRC. WATER OUT		81	81	83	86	81	86	NO. OF BURNERS IN USE		6	6	6	6	6	6		
		L.O. TO COOLERS		125	124	125	126	124	125	BURNER TIP SIZE		A	A	A	A	A	A		
		L.O. FROM COOLERS		110	110	110	111	110	110	CO2 % PORT BOILER									
		TEMPERATURE THRUST BEARING		112	112	113	113	112	113	CO2 % STBD. BOILER									
		FORWARD H.P. ROTOR BEARING		124	123	123	123	123	123	OIL LEVEL MAIN SUMP		Norm	Norm	Norm	Norm	Norm	Norm		

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	3	1200	460	570	8	130	110		62	1050	1050	240
	4	1200	460	570	10	135	122		51	1100	1100	240
1600 TO 2000	3	1200	450	565	8	130	108		62	1050	1050	240
	4	1200	450	565	10	135	121		51	1050	1050	240
2000 TO 2400	3	1200	460	550	8	130	110		62	1050	1050	240
	4	1200	460	550	10	136	121		51	1050	1050	240
2400 TO 0400	3	1200	460	555	8	132	110		62	1000	1000	240
	4	1200	460	555	10	136	121		57	1000	1000	240
0400 TO 0800	3	1200	460	565	8	132	110		62	1000	1000	240
	4	1200	460	565	10	135	121		51	1000	1000	240
0800 TO 1200	3	1200	460	575	8	132	110		62	1100	1100	240
	4	1200	460	575	10	137	124		51	1100	1100	240

FUEL - WATER AND LUBE OIL							
FUEL OIL	METER AT NOON	7970	7440	BOILER WATER	ON HAND AT START OF DAY	52.8	
	METER PREVIOUS NOON	8300	7760		LUBE OIL	EVAPORATED OR RECEIVED	
	CONSUMED BY METER	15910				ON HAND	63.5
	ON HAND AT START OF DAY	12430				CONSUMED	
	RECEIVED DURING DAY					ON HAND AT START OF DAY	
DOMESTIC WATER	EXPENDED DURING DAY	681				RECEIVED	
	REMAINING ON BOARD	11749			ON HAND		
	ON HAND AT START OF DAY	658			CONSUMED		
	EVAPORATED OR RECEIVED	144			DIE 2000		
	ON HAND	722					
	CONSUMED	80					
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)							
L.O. CENTRIFUGE - HOURS OPERATED							
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		
4	4	4	4	4	4		
SUMMARY							
RUNNING TIME		241.35	PERCENT OF SLIP				
DETENTION TIME			BBL FUEL/MI				
TOTAL REVOLUTIONS		128350	WIND DIRECTION				
AVERAGE R.P.M.		89.13	STATE OF SEA				
TOTAL MILES BY ENGINE		1475	STATE OF WEATHER				
TOTAL MILES BY OBSERVATION							

REMARKS

1200-1600 WATCH

MACH. in op. #3 & 4 bl's, Gens, F.D. FANS, F.O. & Ed. Pumps. MN. Air Eject., Air Comp., L.O., F.W., SANIT., & Circ. pumps. Aux. Circ. pump & #4 ST'm. F.W. Pump.

#4 ST'm F.W. Pump on Line @ 1330

Routine watch.

Switched TO Out'd seth. @ 1200

WATCH ENGR'S SIGNATURE-

A. Duncan

1600-2000 WATCH

MACH. AS BEFORE. CHANGED & CLEANED #4 BURNER & F.O. SYCT. STRAINERS
BLEW TUBES #3 & 4 BURS.

WATCH ENGR'S SIGNATURE-

W. Benjamin

2000-2400 WATCH

MACH. AS BEFORE - CHANGED & CLEANED #6 F.O. BURNER & DISCH. STRAINERS - CHANGED
& CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED BILGES -

WATCH ENGR'S SIGNATURE-

J. Seaton

2400-0400 WATCH

MACH. @ before, Routine watch

WATCH ENGR'S SIGNATURE-

A. Duncan

0400-0800 WATCH

MACH. AS BEFORE. CHANGED & CLEANED #3 BURNER & F.O. DISCH. STRAINERS
PUT #4 BUR ON CONSTANT BLOW TO MAKE UP GWP.

WATCH ENGR'S SIGNATURE-

W. Benjamin

0800-1200 WATCH

MACH. AS BEFORE - BLEW TUBES #3 & #4 BOILERS - CHANGED & CLEANED #5 F.O.
BURNER & DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. -
PUMPED BILGES -

WATCH ENGR'S SIGNATURE-

J. Seaton

CHIEF ENGINEER

4-21-66 @ 0400
#3 #4

P 8.15 8.15

M 12.85 12.24

Oil 8.29 7.46

Per 35 30

SO₂ 47 31

Sim hrs 340-448

CHIEF ENGR'S SIGNATURE-

W. Benjamin

1200-1600 WATCH

STBY, Steering CASUALTY Drill @ 1515 LT @ 1527 Alarm @ 1519 - Port MTR ON 1519
 MACH. IN OP. #3 & 4 BLRS, GEN'S, F.D. FANS, F.O. & Fd. Pumps, MN. Air
 Eject's, Air Comp., L.O., Fire & SANITARY pumps, #4 ST'm F.W. Pump.
 MN. & Aux. Circ's.
 Routine Watch

O/T'd sett. @ 1200

WATCH ENGR'S SIGNATURE-

A. Duncan

1600-2000 WATCH

MACH AS BEFORE CHANGED & CLEANED #4 BURNER & F.O. DISCH STRNR
 BLEW TUBES #3 & 4 BURS.

WATCH ENGR'S SIGNATURE-

W. Beatty

2000-2400 WATCH

MACH. AS BEFORE - CHANGED & CLEANED #5 F.O. BURNER + DISCH. STRAINERS -
 CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED BILGES - ADVANCED
 CLOCK 20 MIN @ 2300.

WATCH ENGR'S SIGNATURE-

J. Seaton

2400-0400 WATCH

Routine Watch, Comp with Night & dept. orders
 Secured #4 ST'm. F.W. Pump.

IN'b'd sett. @ 0000

WATCH ENGR'S SIGNATURE-

A. Duncan

0400-0800 WATCH

MACH AS BEFORE CHANGED & CLEANED #3 BURNER & F.O. SYCT STRNRS
 SEC'D #4 BUR FROM CONST BLOW & AP. COMPOUNDED #4 BUR.
 ADVANCED CLOCK 20 mins @ 0500

WATCH ENGR'S SIGNATURE-

W. Beatty

0800-1200 WATCH

MACH. AS BEFORE - BLEW TUBES #3 & #4 BOILERS - CHANGED & CLEANED #5 F.O.
 BURNER + DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. -
 PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

J. Seaton

CHIEF ENGINEER

7-22-66 @ 0100
 #3 #4

P 3.54 1.16

M 7.51 2.33

HL 8.1 8.3

P₀ 30 5S₀ 46 9S₀ 363-171

CHIEF ENGR'S SIGNATURE-

McPherson

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE						
Popie				Viet Nam		SAN FRAN, CAL.		P-2		4/22/23						
		WATCH								WATCH						
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
RUNNING TIME		240	240	240	240	240	240	MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)	AFT. H. P. ROTOR BEARING	128	125	128	127	127	128
DETENTION TIME										FORWARD L. P. ROTOR BEARING	127	125	125	125	125	124
REVOLUTION COUNTER (END OF WATCH)		6583	6586	6588	6590	6592	6594	AFT. L.P. ROTOR BEARING	126	124	126	128	128	124		
TOTAL REVOLUTIONS (FOR WATCH)		21820	21890	21680	21810	21600	21800	HOTTEST GEAR BEARING FORWARD	140	138	140	140	140	138		
AVERAGE RPM		90.9	91.2	90.3	90.9	90.0	90.8	HOTTEST GEAR BEARING AFT	134	132	132	134	134	132		
F.O. METER (END OF WATCH)		5140	6150	1310	9090	30390	1700	AUX. COND. CONDENSATE	104	98	102	102	100	97		
F.O. CONSUMED		2630	2620	2570	2630	2580	2580	1ST STAGE FEED WATER HEATER	125	127	132	131	131	127		
MACHINERY PARTICULARS	PRESSURES	THROTTLE	435	435	435	440	435	435	D. C. FEED WATER HEATER	236	237	236	237	238	237	
		H.P. AHEAD	435	435	435	440	435	435	3RD STAGE FEED WATER HEATER							
		L.P. AHEAD	15.5	16	16	17	17	16	F.O. TO BURNERS	150	150	150	150	150	150	
		VACUUM	29.4	29.5	29.5	29.5	29.5	29.5	F. O. BACK PRESSURE							
		L.O. TO TURBINES	14	14	14	14	14	14	AIR TO FURNACE	115/116	115/115	112/105	113/105	112/106	112/104	
		AUX. STEAM	130	130	135	130	130	135	UPTAKE	305	303	300	310	315	305	
		BACK PRESSURE	10	10	10	10	10	10	MAIN STEAM	565	570	570	565	570	570	
		GLAND STEAM	-	-	-	-	-	-	SUPER HEAT	460	460	460	460	460	460	
		H.P. BLEEDER	70	70	70	72	74	70	F.O. TO BURNERS	140	140	135	150	140	130	
		I.P. BLEEDER	9	9	9	9	9	9	F.O. TEMP. IN SETTLING TANKS	75	105	90	75	87	90	
L.P. BLEEDER	20"	20"	20"	20"	20"	20"	PORT BOILER UPTAKE									
MACHINERY PARTICULARS	TEMPERATURES	STEAM AT THROTTLE	565	570	570	565	570	570	STBD. BOILER UPTAKE							
		L.P. EXHAUST	98	98	98	97	97	96	ENGINE ROOM TEMPERATURE	85	83	86	86	85	84	
		CONDENSATE	92	90	91	91	87	87	FIRE ROOM TEMPERATURE							
		CIRC. WATER IN	66	66	66	65	63	62	NOZZLES IN USE	16	16	16	16	16	16	
		CIRC. WATER OUT	78	77	78	76	74	74	NO. OF BURNERS IN USE	6	6	6	6	6	6	
		L.O. TO COOLERS	126	125	125	126	126	124	BURNER TIP SIZE	17	A	A	17	A	A	
		L.O. FROM COOLERS	112	110	110	110	110	110	CO ₂ % PORT BOILER							
		TEMPERATURE THRUST BEARING	113	112	113	112	112	112	CO ₂ % STBD. BOILER							
		FORWARD H.P. ROTOR BEARING	122	122	122	122	122	121	OIL LEVEL MAIN SUMP	Norm	Norm	Norm	Norm	Norm	Norm	

GENERATORS													FUEL - WATER AND LUBE OIL										
WATCH	GENERATOR NUMBER	R. P. M.	STEAM PRESSURE	STEAM TEMP.	L. O. PRESSURE	L. O. TO COOLER	L. O. FROM COOLER	TEMP. OF HOTTEST BEARING	L. O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL		BOILER WATER		LUBE OIL						
1200 TO 1600	3	1200	460	565	8	132	110		62	1050	1050	240	METER AT NOON	1700	102		ON HAND AT START OF DAY						
	4	1200	460	565	10	134	115		51	1050	1050	240	METER PREVIOUS NOON	3830	328		EVAPORATED OR RECEIVED						
1600 TO 2000	3	1200	460	570	8	132	110		62	1050	1050	240	CONSUMED BY METER	15610			ON HAND						
	4	1200	460	570	10	132	110		51	1050	1050	240	ON HAND AT START OF DAY	11690			CONSUMED DURING DAY						
2000 TO 2400	3	1200	460	570	8	132	110		62	1000	1000	240	RECEIVED DURING DAY				ON HAND AT START OF DAY						
	4	1200	460	570	10	132	110		51	1000	1000	240	EXPENDED DURING DAY	379	344		RECEIVED						
2400 TO 0400	3	1200	460	565	8	132	110		62	1000	1000	240	REMAINING ON BOARD	10416			ON HAND						
	4	1200	460	565	10	133	112		57	1050	1050	240	ON HAND AT START OF DAY	792			CONSUMED						
0400 TO 0800	3	1200	460	570	8	132	110		62	1050	1050	240	EVAPORATED OR RECEIVED	122			DIE 2000						
	4	1200	460	570	10	132	110		51	1050	1050	240	ON HAND	834									
0800 TO 1200	3	1200	460	570	8	132	110		62	1000	1000	240	CONSUMED	80									
	4	1200	460	570	10	132	110		51	1000	1000	240	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)										
													L. O. CENTRIFUGE - HOURS OPERATED										
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200																	
	4	4	4	4	4	4																	
SUMMARY													RUNNING TIME		PERCENT OF SLIP								
													244H										
													DETENTION TIME		BBL FUEL/MI								
													TOTAL REVOLUTIONS		WIND DIRECTION								
													30600										
													AVERAGE R. P. M.		STATE OF SEA								
													90.7										
													TOTAL MILES BY ENGINE		STATE OF WEATHER								
													483										
													TOTAL MILES BY OBSERVATION										
													423										

REMARKS

1200-1600 WATCH

MACH. in Op. #3 & 4 bl's, GEN'S, F.D. FANS, F.O. & Ed. Pumps. MN. Air Comp. Air Eject, L.O., F.W., SANIT., Fire, & Circ pumps. Aux. Circ pump. ST'by fire drill @ 1515 secure 1524 BOAT Drill @ 1524 secure 1528 #4 Routine watch.

OUT'bd sett. @ 1200

WATCH ENGR'S SIGNATURE-

A. Duncanson

1600-2000 WATCH

MACH AS BEFORE. BLEW TUBES #3 & 4 BURNERS. CHANGED & CLEANED #4 BURNER & F.O. DISCH STRNR. ADDED 5 GALS L.O. TO #3 & 4 MN FD PUMPS.

WATCH ENGR'S SIGNATURE-

W. Bevington

2000-2400 WATCH

MACH. AS BEFORE - CHANGED & CLEANED #5 F.O. BURNER & DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED BILGES -

WATCH ENGR'S SIGNATURE-

J. Beaton

2400-0400 WATCH

Routine watch, comp. with Night & dept. orders, mach. @ above. cleaned MN. L.O. STRAINER

WATCH ENGR'S SIGNATURE-

A. Duncanson

0400-0800 WATCH

inbd sett. @ 0000
MACH AS BEFORE. CHANGED & CLEANED #3 BURNER & F.O. SUCT STRNRS. COMPOUNDED #4 BUR

WATCH ENGR'S SIGNATURE-

W. Bevington

0800-1200 WATCH

MACH. AS BEFORE - BLEW TUBES #3 & #4 BOILERS - CHANGED & CLEANED #5 F.O. BURNER & DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED BILGES -

WATCH ENGR'S SIGNATURE-

J. Beaton

CHIEF ENGINEER

CHIEF ENGR'S SIGNATURE-

M. Johnson

REMARKS

1200-1600 WATCH

TESTED ST'by L.O. Pump. MACH. in op. #3 & 4 bLr., 6ed's, F.D. FANS, F.O., & Fd. Pumps. MN. Air Eject, Air Comp, L.O., Fire, F.W., & Circ. pumps. Aux. Circ. pump.
Routine watch - Plumber Put on HIN ST'm @ 1530

OUT'bd. Sett. @ 1200

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

MACH AS BEFORE CHANGED & CLEANED #4 BURNER & F.O. SUCT STRNR
BLEW TUBES #3 & 4 BLS.

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

MACH. AS BEFORE - CHANGED & CLEANED #6 F.O. BURNER & DISCH. STRAINERS -
CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED BILGES - ADVANCED CLOCK
20 MIN. @ 2300 - HELD ENG. CASUALTY DRILL #E-1 FROM 2200 TO 2270 - INST. WATCH - NOT. BRIDGE

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

Routine watch, mach. @ above except AUX. Circ. Secured.
Held ENG. CASUALTY DRILL #E-1, Bridge Notified, 4 men Present.
Comp. with Night & Dept. orders., cleaned centrifuge
Advanced clocks 20 min. @ 0100

WATCH ENGR'S SIGNATURE-

IN'bd. Sett. @ 0000

0400-0800 WATCH

MACH AS BEFORE CHANGED & CLEANED #3 BURNER & F.O. SUCT STRNR
COMPOUNDED #3 & 4 BLS HELD ENG. CASUALTY DRILL E-1 ALONG WATCH PERSONNEL
@ 0700-0715
ADVANCED CLOCK 20 mins @ 0500

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

MACH. AS BEFORE - BLEW TUBES #3 & #4 BURNERS - CHANGED & CLEANED #5 F.O.
BURNER & DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. -
PUMPED BILGES -

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

7-27-66 @ 0400
#3 #4

P 5.256 3.18

M 7.59 9.11

GL 7.14 3.31

PE 20 15

SQ 24 62

STM HRS 710-518

CHIEF ENGR'S SIGNATURE-

USNS <i>Pope</i>		VOYAGE NO.		FROM <i>Viet Nam</i>		TO <i>SANFRAN. CALIF</i>		TYPE OF VESSEL <i>P-2</i>		DATE <i>4/24/25</i>					
		WATCH						WATCH							
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		240	240	240	240	240	240	MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING	126	125	126	125	124	127
DETENTION TIME									FORWARD L. P. ROTOR BEARING	125	125	122	124	125	123
REVOLUTION COUNTER (END OF WATCH)		6609	6611	6613	6616	6618	6620		AFT. L.P. ROTOR BEARING	126	126	124	128	125	125
TOTAL REVOLUTIONS (FOR WATCH)		21760	21830	21920	21680	21510	21600		HOTTEST GEAR BEARING FORWARD	137	136	137	138	136	138
AVERAGE RPM		90.7	91.0	89.7	90.3	89.8	90.0		HOTTEST GEAR BEARING AFT	132	131	130	131	131	132
F.O. METER (END OF WATCH)		0520	1880	3140	4440	5720	7060	AUX. COND. CONDENSATE	100	98	97	98	96	98	
F.O. CONSUMED		2610	2740	2540	2620	2580	2590	1ST STAGE FEED WATER HEATER	128	128	127	130	125	127	
MACHINERY PARTICULARS	PRESSURES	THROTTLE	440	435	435	440	435	435	D. C. FEED WATER HEATER	236	238	236	238	237	238
		H.P. AHEAD	440	435	435	440	435	435	3RD STAGE FEED WATER HEATER						
		L.P. AHEAD	15.5	19	16	16	16	16	F.O. TO BURNERS	150	150	150	150	150	150
		VACUUM	29.5	29.5	29.5	29.5	29.5	29.5	F. O. BACK PRESSURE						
		L.O. TO TURBINES	14	14	14	14	14	14	AIR TO FURNACE	109/103	97/98	113/100	108/101	108/103	108/100
		AUX. STEAM	135	130	130	130	130	130	UPTAKE	315	315	310	320	325	305
		BACK PRESSURE	10	10	10	10	10	10	MAIN STEAM	560	565	570	575	560	570
		GLAND STEAM	-	-	-	-	-	-	SUPER HEAT	460	460	460	460	460	460
		H.P. BLEEDER	70	70	70	64	70	70	F.O. TO BURNERS	135	140	130	135	130	130
		I.P. BLEEDER	7	6	7	7	8	8	F.O. TEMP. IN SETTLING TANKS	70	80	85	75	80	85
L.P. BLEEDER	20"	19"	20"	20	20"	20"	PORT BOILER UPTAKE								
MACHINERY PARTICULARS	TEMPERATURES	STEAM AT THROTTLE	560	565	570	575	560	570	STBD. BOILER UPTAKE						
		L.P. EXHAUST	92	92	92	94	92	94	ENGINE ROOM TEMPERATURE	80	79	82	84	78	83
		CONDENSATE	88	88	87	87	84	86	FIRE ROOM TEMPERATURE						
		CIRC. WATER IN	62	62	62	60	61	61	NOZZLES IN USE	16	16	16	16	16	16
		CIRC. WATER OUT	74	74	75	73	73	73	NO. OF BURNERS IN USE	6	6	6	6	6	6
		L.O. TO COOLERS	126	126	123	126	126	124	BURNER TIP SIZE	A	A	A	A	A	A
		L.O. FROM COOLERS	110	110	110	110	110	110	CO ₂ % PORT BOILER						
		TEMPERATURE THRUST BEARING	107	112	110	110	112	112	CO ₂ % STBD. BOILER						
		FORWARD H.P. ROTOR BEARING	122	121	119	121	121	120	OIL LEVEL MAIN SUMP	Norm	Norm	Norm.	Norm	Norm	Norm.

REMARKS

1200-1600 WATCH

Mach. in op. #3 & 4, blis, Gen's, F.D. FANS, F.O. & Fd. Pumps, MN. Air Eject.
Air Comp L.O., F.W., Fire, & Circ. Pumps
Routine watch

out'bd sett. @ 1200

WATCH ENGR'S SIGNATURE-

A. Duncan

1600-2000 WATCH

MACH AS BEFORE. OIL ANKED & CLEANED #1 BURNER & F.O. DISCH STRAINERS
BLEW TUBES #3 & 4 BURS.

WATCH ENGR'S SIGNATURE-

W. Benjamin

2000-2400 WATCH

MACH. AS BEFORE - CHANGED & CLEANED #6 F.O. BURNER & DISCH. STRAINERS.
CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED BILGES-

WATCH ENGR'S SIGNATURE-

J. Gerson

2400-0400 WATCH

Mach. @ before, Routine watch, comp. with Night & dept. orders

In'bd sett. @ 0000

WATCH ENGR'S SIGNATURE-

A. Duncan

0400-0800 WATCH

MACH AS BEFORE. OIL ANKED & CLEANED #3 BURNER & F.O. DISCH STRAINERS

WATCH ENGR'S SIGNATURE-

W. Benjamin

0800-1200 WATCH

MACH. AS BEFORE - BLEW TUBES #3 & #4 BOILERS - CHANGED & CLEANED #5 F.O.
BURNER & DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. -
PUMPED BILGES-

WATCH ENGR'S SIGNATURE-

J. Gerson

CHIEF ENGINEER

4-25-66 @ 0100
#3 #4

P 818 874

M 12.85 1402

GL 4.14 373

PQ 40 30

SG 57 64

STM 420 434-542

CHIEF ENGR'S SIGNATURE-

W. Benjamin

USMS	POPE	VOYAGE NO.	FROM	TO	TYPE OF VESSEL	DATE
			Viet Nam	SAN FRAN, CALIF.	P-2	4/25/25
WATCH						
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME	240	240	220	220	220	240
DETENTION TIME						
REVOLUTION COUNTER (END OF WATCH)	6622	6624	6626	6628	6630	6632
TOTAL REVOLUTIONS (FOR WATCH)	21740	21790	19990	20140	19880	21700
AVERAGE RPM	90.6	90.5	90.9	91.5	90.4	90.4
F.O. METER (END OF WATCH)	8360	9650	20580	2670	3240	4560
F.O. CONSUMED	2600	2610	2390	2410	2350	2600
MACHINERY PARTICULARS	PRESSURES	THROTTLE	440	440	440	440
		H.P. AHEAD	440	440	440	440
		L.P. AHEAD	16.5	16	16	16
		VACUUM	29.6	29.8	29.8	29.8
		L.O. TO TURBINES	14	14	13.5	13
		AUX. STEAM	130	130	130	130
		BACK PRESSURE	10	10	10	10
		GLAND STEAM	-	-	-	-
	TEMPERATURES	H.P. BLEEDER	68	68	70	70
		I.P. BLEEDER	7	7	7	7
		L.P. BLEEDER	20"	20"	20"	20"
		STEAM AT THROTTLE	560	565	570	570
		L.P. EXHAUST	94	93	93	94
		CONDENSATE	87	86	86	85
		CIRC. WATER IN	61	61	60	60
		CIRC. WATER OUT	73	73	72	73
MACHINERY PARTICULARS (CONT'D)	TEMPERATURES	L.O. TO COOLERS	126	125	123	124
		L.O. FROM COOLERS	108	110	110	110
		TEMPERATURE THRUST BEARING	110	112	110	111
		FORWARD H.P. ROTOR BEARING	121	121	121	120
	PRESSURES	AFT. H. P. ROTOR BEARING	127	127	126	125
		FORWARD L. P. ROTOR BEARING	124	124	122	125
		AFT. L. P. ROTOR BEARING	127	126	124	124
		HOTTEST GEAR BEARING FORWARD	137	137	138	138
		HOTTEST GEAR BEARING AFT	132	132	131	132
		AUX. COND. CONDENSATE	97	94	95	98
		1ST STAGE FEED WATER HEATER	128	126	126	128
		D. C. FEED WATER HEATER	237	237	237	238
MACHINERY PARTICULARS (CONT'D)	TEMPERATURES	3RD STAGE FEED WATER HEATER				
		F.O. TO BURNERS	150	150	150	150
		F. O. BACK PRESSURE				
		AIR TO FURNACE	110/103	109/99	108/102	108/101
		UPTAKE	308	305	305	315
		MAIN STEAM	560	565	570	570
		SUPER HEAT	460	460	460	460
		F.O. TO BURNERS				
	PRESSURES	F.O. TEMP. IN SETTLING TANKS	75	85	80	75
		PORT BOILER UPTAKE				
		STBD. BOILER UPTAKE				
		ENGINE ROOM TEMPERATURE	85	84	83	84
		FIRE ROOM TEMPERATURE				
		NOZZLES IN USE	16	16	16	16
		NO. OF BURNERS IN USE	6	6	6	6
		BURNER TIP SIZE	A	A	A	A
MACHINERY PARTICULARS (CONT'D)	TEMPERATURES	CO ₂ % PORT BOILER				
		CO ₂ % STBD. BOILER				
		OIL LEVEL MAIN SUMP	Norm	Norm	Norm	Norm
	PRESSURES					

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	3	1200	460	560	8	132	110		62	1000	1000	240
	4	1200	460	560	10	131	110		52	1000	1000	240
1600 TO 2000	3	1200	460	565	8	132	110		62	1000	1000	240
	4	1200	460	565	10	130	110		52	1000	1000	240
2000 TO 2400	3	1200	460	570	8	132	110		62	1000	1000	240
	4	1200	460	570	10	130	110		52	1000	1000	240
2400 TO 0400	3	1200	460	570	8	132	110		62	1000	1000	240
	4	1200	460	570	10	130	110		52	1000	1000	240
0400 TO 0800	3	1200	460	570	8	132	110		62	1000	1000	240
	4	1200	460	570	10	130	110		52	1000	1000	240
0800 TO 1200	3	1200	460	570	8	132	110		62	1000	1000	240
	4	1200	460	570	10	130	110		51	1000	1000	240

FUEL - WATER AND LUBE OIL						
FUEL OIL	METER AT NOON	550	3020	BOILER WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON	700	6160		EVAPORATED OR RECEIVED	
	CONSUMED BY METER	14	960	ON HAND		
	ON HAND AT START OF DAY	9085		CONSUMED		
	RECEIVED DURING DAY			ON HAND AT START OF DAY		
	EXPENDED DURING DAY	35	230	RECEIVED		
	REMAINING ON BOARD	83	99	ON HAND		
	ON HAND AT START OF DAY	963		CONSUMED		
DOMESTIC WATER	EVAPORATED OR RECEIVED	104		DIE 2000		
	ON HAND	957				
	CONSUMED	80				
	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)					
L. O. CENTRIFUGE - HOURS OPERATED						
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200	
4	4	3:40	3:40	3:40	4	
SUMMARY						
RUNNING TIME		24	14:35	PERCENT OF SLIP		
DETENTION TIME				BBL FUEL/MI		
TOTAL REVOLUTIONS		25	250	WIND DIRECTION		
AVERAGE R. P. M.		90.7		STATE OF SEA		
TOTAL MILES BY ENGINE		243		STATE OF WEATHER		
TOTAL MILES BY OBSERVATION		401				

REMARKS

1200-1600 WATCH

HAD ELECT. CHECK R.P.M. ON AUX. COND. PUMP 1900-3100, MACH. IN
OP. #3 & 4 BLIS, GEN'S, F.D. FANS, F.O. & Fd. Pumps, MN. Air Eject, Air Comp.
L.O. Fire, F.W. & Circ. pumps.
Routine watch

IN'bd sett. @ 1200

WATCH ENGR'S SIGNATURE-

A. Duncan

1600-2000 WATCH

MACH AS BEFORE. CHANGED & CLEANED #4 BURNER & F.O. DISCH STRNR
BLEW TUBES #3 & 4 BURS.

WATCH ENGR'S SIGNATURE-

L. Beeginsky

2000-2400 WATCH

MACH. AS BEFORE - CHANGED & CLEANED #6 F.O. BURNER & DISCH. STRAINERS -
CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED BILGES - ADVANCED
CLOCK 20 MIN. @ 2300 -

WATCH ENGR'S SIGNATURE-

J. Bearon

2400-0400 WATCH

MACH. @ before, Routine watch, Comp. with night & dept. orders

IN'bd sett. @ 0000

WATCH ENGR'S SIGNATURE-

A. Duncan

0400-0800 WATCH

MACH AS BEFORE CHANGED & CLEANED #3 BURNER & F.O. DISCH STRNRS.
ADVANCED CLOCK 20 mins @ 0500

WATCH ENGR'S SIGNATURE-

L. Beeginsky

0800-1200 WATCH

MACH AS BEFORE - BLEW TUBES #3 & #4 COILERS - CHANGED & CLEANED #5 F.O. BURNER
& DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED
BILGES -

WATCH ENGR'S SIGNATURE-

J. Bearon

CHIEF ENGINEER

7-25-66 @ 0100

P 8.18 8.76

M 12.55 14.02

GL 4.14 3.31

POT 30 30

SO₂ 50 6.1

STM HRS 127-562

CHIEF ENGR'S SIGNATURE-

J. Bearon

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Tape				Viet Nam		SAN FRAN. CALIF.		P-2		4/25/26	

	WATCH							WATCH								
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			
RUNNING TIME	240	240	240	240	240	240	MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING	126	126	125	126	124	127		
DETENTION TIME								FORWARD L. P. ROTOR BEARING	124	125	121	125	126	125		
REVOLUTION COUNTER (END OF WATCH)	6635 0680	6637 2460	6639 4240	6641 6200	6643 8190	6645 9990		AFT. L. P. ROTOR BEARING	124	126	124	128	126	126		
TOTAL REVOLUTIONS (FOR WATCH)	21950	21780	21780	21960	21990	21800		HOTTEST GEAR BEARING FORWARD	138	136	137	138	136	140		
AVERAGE RPM	91.5	90.8	90.8	91.5	91.6	90.8	HOTTEST GEAR BEARING AFT	132	132	130	134	132	133			
F.O. METER (END OF WATCH)	5880 4950	7170 6240	8460 7530	9800 8850	5120 80160	2460 1450	AUX. COND. CONDENSATE	101	96	93	97	96	95			
F.O. CONSUMED	2650	2600	2560	2640	2630	2630	1ST STAGE FEED WATER HEATER	128	126	125	128	126	126			
MACHINERY PARTICULARS	PRESSURES	THROTTLE	440	440	440	440	440	TEMPERATURES	F.O. TO BURNERS	150	150	150	150	150	150	
		H.P. AHEAD	440	440	440	440	440		F.O. BACK PRESSURE							
		L.P. AHEAD	17	16	16	16.5	16.5		16	AIR TO FURNACE	109/102	109/101	108/100	111/103	112/102	110/102
		VACUUM	29.8	29.8	29.8	29.8	29.9		29.9	UPTAKE	320	315	305	305	320	305
		L.O. TO TURBINES	13.5	13.5	13.5	13.5	13.5		13.5	MAIN STEAM	570	565	560	560	550	560
		AUX. STEAM	130	130	130	130	130		130	SUPER HEAT	460	460	460	460	460	460
	TEMPERATURES	BACK PRESSURE	10	10	10	10	10	10	F.O. TO BURNERS	145	140	130	130	130	135	
		GLAND STEAM	-	-	-	-	-	-	F.O. TEMP. IN SETTLING TANKS	75	77	80	75	80	85	
		H.P. BLEEDER	66	74	70	70	68	70	PORT BOILER UPTAKE							
		I.P. BLEEDER	7	7	7	7	7	7	STBD. BOILER UPTAKE							
		L.P. BLEEDER	20"	20"	20"	20"	20"	20"	ENGINE ROOM TEMPERATURE	86	85	85	86	83	82	
		STEAM AT THROTTLE	570	565	560	560	550	560	FIRE ROOM TEMPERATURE							
TEMPERATURES	L.P. EXHAUST	94	93	92	93	93	93	NOZZLES IN USE	16	16	16	16	16	16		
	CONDENSATE	88	86	84	86	84	85	NO. OF BURNERS IN USE	6	6	6	6	6	6		
	CIRC. WATER IN	62	60	58	60	59	59	BURNER TIP SIZE	A	A	A	A	A	A		
	CIRC. WATER OUT	74	72	72	72	71	72	CO ₂ % PORT BOILER								
	L.O. TO COOLERS	125	126	123	126	126	125	CO ₂ % STBD. BOILER								
	L.O. FROM COOLERS	110	110	110	110	110	110	OIL LEVEL MAIN SUMP	Norm. Norm. Norm. Norm. Norm.							
TEMPERATURE THRUST BEARING	110	112	109	111	112	112										
FORWARD H.P. ROTOR BEARING	121	121	119	121	122	121										

WATCH	GENERATORS											FUEL - WATER AND LUBE OIL					
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL	BOILER WATER	LUBE OIL		
1200 TO 1600	3	1200	460	570	8	132	110		62	1000	1000	240	METER AT START OF DAY	ON HAND AT START OF DAY			
	4	1200	460	570	10	132	112		52	1000	1000	240	METER PREVIOUS	EVAPORATED OR RECEIVED			
													CONSUMED BY METER	ON HAND			
													ON HAND AT START OF DAY	CONSUMED			
													RECEIVED DURING DAY	ON HAND AT START OF DAY			
													EXPENDED DURING DAY	RECEIVED			
													REMAINING ON BOARD	ON HAND			
1600 TO 2000	3	1200	460	565	8	132	110		62	1000	1000	240	ON HAND AT START OF DAY	CONSUMED			
	4	1200	460	565	10	130	110		52	1000	1000	240	EVAPORATED OR RECEIVED				
													ON HAND				
													CONSUMED				
2000 TO 2400	3	1200	460	560	8	131	110		62	900	900	240					
	4	1200	460	560	10	130	110		52	900	900	240					
2400 TO 0400	3	1200	460	560	8	132	110		62	950	950	240					
	4	1200	460	560	10	130	110		52	950	950	240					
0400 TO 0800	3	1200	460	550	8	132	110		62	1000	1000	240					
	4	1200	460	550	10	130	110		52	1000	1000	240					
0800 TO 1200	3	1200	460	560	8	132	110		62	1050	1050	240					
	4	1200	460	560	10	130	110		52	1050	1050	240					

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	2414.2
DETENTION TIME	
TOTAL REVOLUTIONS	31260
AVERAGE R.P.M.	91.1
TOTAL MILES BY ENGINE	456
TOTAL MILES BY OBSERVATION	464
PERCENT OF SLIP	
BBL FUEL/MI	
WIND DIRECTION	
STATE OF SEA	
STATE OF WEATHER	

REMARKS

1200-1600 WATCH

L.P. Evap To 3 STbd, Mach. in op. #3 & 4 blr's, Gen's, F.D. FANS, F.O. & Fd. Pumps. M.A. Air Eject, Air Comp., L.O., Fire, F.W. & Circ. pumps.

outbd sett @ 1200

WATCH ENGR'S SIGNATURE-

A. Duncan

1600-2000 WATCH

MACH AS BEFORE. CHANGED & CLEANED #4 BURNER & F.O. DISCH STRNR
BLEW TUBES #3 & 4 BLRS
STEERING G.L. CASUALTY DRILL @ 1605 - 1616 44 - 1616

WATCH ENGR'S SIGNATURE-

L. Brainerd

2000-2400 WATCH

Routine watch, mach @ Above,

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

Routine watch, Mach. @ Above, Comp. with Night & dept. orders.

WATCH ENGR'S SIGNATURE-

A. Duncan

0400-0800 WATCH

MACH AS BEFORE. CHANGED & CLEANED #3 BURNER & F.O. DISCH & SUCT STRNR
COMPOUNDED #3 & 4 BLRS.

WATCH ENGR'S SIGNATURE-

L. Brainerd

0800-1200 WATCH

MACH. AS BEFORE - BLEW TUBES #3 & #4 BOILERS - CHANGED & CLEANED #5 F.O.
BURNER & DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. -
PUMPED BIGGES-

WATCH ENGR'S SIGNATURE-

J. Gearon

CHIEF ENGINEER

4-26-66 @ 0400
#3 #4

P 7.59 E 7.6

M 12.85 13.43

ALL 4.56 3.73

POY 30 30

SO₂ 53 61

STM LRS 481-589

CHIEF ENGR'S SIGNATURE-

J. Gearon

USMS <u>Pope</u>		VOYAGE NO.		FROM <u>Viet Nam</u>		TO <u>SAN FRAN. CALIF.</u>		TYPE OF VESSEL <u>P-2</u>		DATE <u>4/26/27</u>					
		WATCH						WATCH							
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		240	240	220	220	220	240	MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING	126	125	127	126	124	127
DETENTION TIME									FORWARD L. P. ROTOR BEARING	125	125	123	123	125	125
REVOLUTION COUNTER (END OF WATCH)		6648	6650	6552	6534	6636	6658		AFT. L.P. ROTOR BEARING	126	126	126	125	124	127
TOTAL REVOLUTIONS (FOR WATCH)		22010	21940	20070	20180	20150	21900		HOTTEST GEAR BEARING FORWARD	141	138	138	139	138	140
AVERAGE RPM		91.7	91.4	91.2	91.7	91.6	91.3		HOTTEST GEAR BEARING AFT	134	132	132	133	132	134
F.O. METER (END OF WATCH)		3820	5180	6390	7580	8810	40100	AUX. COND. CONDENSATE	99	94	93	98	96	96	
F.O. CONSUMED		2680	2680	2390	2400	2430	2610	1ST STAGE FEED WATER HEATER	124	126	128	127	126	126	
MACHINERY PARTICULARS	PRESSURES	THROTTLE	440	440	440	440	440	440	D. C. FEED WATER HEATER	238	235	236	237	238	236
		H.P. AHEAD	440	440	440	440	440	440	3RD STAGE FEED WATER HEATER						
		L.P. AHEAD	17	17	16	16.5	17.0	16	F.O. TO BURNERS	150	150	150	150	150	150
		VACUUM	29.8	29.8	29.8	29.8	29.8	29.8	F. O. BACK PRESSURE						
		L.O. TO TURBINES	13.5	13.5	13.5	13.5	13.5	13.5	AIR TO FURNACE	113/104	112/109	108/100	109/103	109/104	100/102
	TEMPERATURES	AUX. STEAM	130	130	130	130	130	135	UPTAKE	308	310	300	308	310	300
		BACK PRESSURE	10	10	10	10	10	10	MAIN STEAM	550	565	560	555	560	570
		GLAND STEAM	-	-	-	-	-	-	SUPER HEAT	460	460	460	460	460	460
		H.P. BLEEDER	68	72	70	64	64	70	F.O. TO BURNERS	140	130	145	140	140	135
		I.P. BLEEDER	7	7	7	7	7	7	F.O. TEMP. IN SETTLING TANKS	75	85	90	75	80	87
		L.P. BLEEDER	20"	20"	20"	20"	20"	20"	PORT BOILER UPTAKE						
TEMPERATURES	STEAM AT THROTTLE	550	565	560	555	560	570	STBO. BOILER UPTAKE							
	L.P. EXHAUST	94	92	92	93	93	94	ENGINE ROOM TEMPERATURE	83	83	81	82	81	81	
	CONDENSATE	87	86	84	84	86	85	FIRE ROOM TEMPERATURE							
	CIRC. WATER IN	60	59	58	58	58	57	NOZZLES IN USE	16	16	16	16	16	16	
	CIRC. WATER OUT	72	71	72	72	72	72	NO. OF BURNERS IN USE	6	6	6	6	6	6	
	L.O. TO COOLERS	126	126	124	125	125	125	BURNER TIP SIZE	F	A	A	F	A	A	
	L.O. FROM COOLERS	110	110	110	108	110	110	CO ₂ % PORT BOILER							
	TEMPERATURE THRUST BEARING	110	112	112	109	112	113	CO ₂ % STBO. BOILER							
FORWARD H.P. ROTOR BEARING		122	121	120	121	121	121	OIL LEVEL MAIN SUMP	Norm	Norm	Norm	Norm	Norm	Norm	

REMARKS

1200-1600 WATCH

Mach. in Op. #3 & 4 bl's, Gen's, F.D. FANS, F.O. & Fd. Pumps - MN.
Air Comp, Air Eject, L.O., Fire, F.W. & Circ. Pumps
Routine watch.

out'bd sett. @ 1200

WATCH ENGR'S SIGNATURE-

A. Duncan

1600-2000 WATCH

11/10/01 AS BEFORE. BLEW TUBES #3 & 4 BL'S

WATCH ENGR'S SIGNATURE-

L. Benjamin

2000-2400 WATCH

MACH. AS BEFORE - CHANGED & CLEANED #6 F.O. BURNER & DISCH. STRAINERS -
CHANGED & CLEANED L.O. STRAINERS #3 & 4 AUX. GEN. - ADVANCED CLOCK 20 MIN. @ 2300 -
PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

J. Pearson

2400-0400 WATCH

Routine watch, mach. @ above, comp. with night & dept. orders.
ADVANCED CLOCKS 20 MIN. @ 0100

WATCH ENGR'S SIGNATURE-

A. Duncan

0400-0800 WATCH

11/10/01 AS BEFORE. CHANGED & CLEANED #3 BURNER & F.O. SUCK STRAIN.
ADVANCED CLOCK 25 MINS @ 0500

WATCH ENGR'S SIGNATURE-

L. Benjamin

0800-1200 WATCH

MACH. AS BEFORE - BLEW TUBES #3 & 4 BOILERS - CHANGED & CLEANED #5 F.O.
BURNER & DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & 4 AUX. GEN. -
PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

J. Pearson

CHIEF ENGINEER

4-27-66 @ 0100

#3 #4

P 8.76 5.76

M 14.6 14.02

GK 4.56 4.14

PC 35 35

SC 55 6.3

SM 4.00 50.5-63

CHIEF ENGR'S SIGNATURE-

M. Pearson

REMARKS

1200-1600 WATCH

Mach. in op. # 3 & 4 bl's, Gen's, F.D. FANS, F.O. & F.D. PUMPS.
 M.N. Air Comp., Air Eject., L.O., F.W., Fire, & Circ.
 F.W. Pump Secured @ 1315 ON @ 1530
 Routine watch. - L.P. EVAP. Secured @ 1305

out'bd sett. @ 1200

WATCH ENGR'S SIGNATURE-

A. Duncan

1600-2000 WATCH

MACH AS BEFORE. CHANGED & CLEANED # 5 BURNER & FC DISCH STRAINERS.
 BLEW TUBES #3 & 4 BURS.

WATCH ENGR'S SIGNATURE-

L. Beagins

2000-2400 WATCH

MACH. AS BEFORE - CHANGED & CLEANED #5 F.O. BURNER + DISCH. STRAINERS -
 CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED BILGES.

WATCH ENGR'S SIGNATURE-

J. Seaton

2400-0400 WATCH

Routine watch, mach. @ above, comp. with night & dept. orders

in'bd sett. @ 0000

WATCH ENGR'S SIGNATURE-

A. Duncan

0400-0800 WATCH

MACH AS BEFORE. CHANGED & CLEANED #3 BURNER & FC SUCT STRK.

WATCH ENGR'S SIGNATURE-

L. Beagins

0800-1200 WATCH

MACH. AS BEFORE - BLEW TUBES #3 & #4 BURNERS - CHANGED & CLEANED #5 F.O. BURNER
 + DISCH. STRAINERS - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AUX. GEN. - PUMPED BILGES -
 9/10 1119 - STEER. CASUALTY DRILL - LH @ 1129 -

WATCH ENGR'S SIGNATURE-

J. Seaton

CHIEF ENGINEER

4-28-66 @ 0400

#3 #4

P 8.76 8.76

M 17.6 17.6

O/L 4.56 4.1

P₂ 30 35SO₂ 53 63

STM 4RS 529-637

CHIEF ENGR'S SIGNATURE-

A. Duncan

USNS Pope VOYAGE NO. VIET NAM FROM SAN FRAN, CALI TYPE OF VESSEL P-2 DATE 4/28/29

		WATCH								WATCH								
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			
RUNNING TIME		240	240	220	220	220	180	MACHINERY PARTICULARS (CONT'D)		TEMPERATURES (CONT'D)		AFT. H. P. ROTOR BEARING	128	126	128	128	125	128
DETENTION TIME							60					FORWARD L. P. ROTOR BEARING	127	125	125	127	126	125
REVOLUTION COUNTER (END OF WATCH)		6674	6676	6678	6680	6682	6684					AFT. L.P. ROTOR BEARING	128	127	127	128	127	126
TOTAL REVOLUTIONS (FOR WATCH)		22550	22420	20540	20780	20490	19380					HOTTEST GEAR BEARING FORWARD	142	138	142	142	140	142
AVERAGE RPM		94.0	93.4	93.4	94.5	93.1						HOTTEST GEAR BEARING AFT	135	134	138	134	132	138
F.O. METER (END OF WATCH)		9180	0450	1630	2840	3110	5100					AUX. COND. CONDENSATE	99	92	92	95	92	92
F.O. CONSUMED		2680	2580	2340	2450	2310	2260					1ST STAGE FEED WATER HEATER	144	141	138	142	141	137
MACHINERY PARTICULARS	PRESSURES	THROTTLE	445	440	440	445	440	440	MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)	D. C. FEED WATER HEATER	237	238	237	238	238	237	
		H.P. AHEAD	445	440	440	445	440	440			3RD STAGE FEED WATER HEATER							
		L.P. AHEAD	22	19.5	19	22	19	19			F.O. TO BURNERS	150	150	150	150	150	150	
		VACUUM	29.8	29.8	29.8	29.8	29.8	29.8			F. O. BACK PRESSURE							
		L.O. TO TURBINES	13.5	13.5	13.5	13.5	13.5	13.5			AIR TO FURNACE	108/104	108/102	108/102	107/103	107/101	106/102	
		AUX. STEAM	130	130	140	130	130	130			UPTAKE	305	298	300	312	315	300	
		BACK PRESSURE	10	10	10	10	10	10			MAIN STEAM	555	560	560	560	560	560	
		GLAND STEAM	-	-	-	-	-	-			SUPER HEAT	460	460	460	460	460	460	
		H.P. BLEEDER	64	64	70	64	64	70			F.O. TO BURNERS	145	140	130	145	130	130	
		I.P. BLEEDER	7	7	7	7	7	7			F.O. TEMP. IN SETTLING TANKS	75	75	80	75	83	83	
MACHINERY PARTICULARS	TEMPERATURES	L.P. BLEEDER	20"	21"	21"	21"	21"	21"	MACHINERY PARTICULARS (CONT'D)	TEMPERATURES (CONT'D)	PORT BOILER UPTAKE							
		STEAM AT THROTTLE	555	560	560	560	550	560			STBD. BOILER UPTAKE							
		L.P. EXHAUST	96	92	94	93	93	93			ENGINE ROOM TEMPERATURE	84	82	81	82	81	82	
		CONDENSATE	93	88	88	90	86	85			FIRE ROOM TEMPERATURE							
		CIRC. WATER IN	61	58	57	58	57	56			NOZZLES IN USE	16	16	16	16	16	16	
		CIRC. WATER OUT	76	73	73	73	72	72			NO. OF BURNERS IN USE	6	6	6	6	6	6	
		L.O. TO COOLERS	126	126	124	127	127	125			BURNER TIP SIZE	F	A	A	F	A	A	
		L.O. FROM COOLERS	110	110	110	110	110	110			CO ₂ % PORT BOILER							
		TEMPERATURE THRUST BEARING	113	112	113	113	112	112			CO ₂ % STBD. BOILER							
		FORWARD H.P. ROTOR BEARING	121	121	122	121	122	121			OIL LEVEL MAIN SUMP	NORM	NORM	NORM	NORM	NORM	NORM	

WATCH	GENERATORS											
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600	3	1200	460	535	8	132	110		62	850	850	240
	4	1200	460	535	10	130	110		52	900	900	240
1600 TO 2000	3	1200	460	560	8	132	110		62	900	900	240
	4	1200	460	560	10	130	110		52	900	900	240
2000 TO 2400	3	1200	460	560	8	132	110		62	900	900	240
	4	1200	460	560	10	130	110		52	900	900	240
2400 TO 0400	3	1200	460	560	8	130	110		62	850	850	240
	4	1200	460	560	10	130	110		52	900	900	240
0400 TO 0800	3	1200	460	560	8	132	110		62	850	850	240
	4	1200	460	560	10	130	110		52	850	850	240
0800 TO 1200												

FUEL - WATER AND LUBE OIL											
FUEL OIL	METER AT NOON	4770	BOILER WATER	ON HAND AT START OF DAY		LUBE OIL	ON HAND AT START OF DAY		DOMESTIC WATER	ON HAND AT START OF DAY	
	METER PREVIOUS NOON	4620		EVAPORATED OR RECEIVED			CONSUMED			EVAPORATED OR RECEIVED	
	CONSUMED BY METER	150		ON HAND			ON HAND			ON HAND	
	ON HAND AT START OF DAY	6378		CONSUMED			CONSUMED			CONSUMED	
FUEL OIL	RECEIVED DURING DAY		BOILER WATER	ON HAND AT START OF DAY		LUBE OIL	ON HAND AT START OF DAY		DOMESTIC WATER	ON HAND AT START OF DAY	
	EXPENDED DURING DAY	348		RECEIVED			RECEIVED			RECEIVED	
	REMAINING ON BOARD			ON HAND			ON HAND			ON HAND	
	ON HAND AT START OF DAY	1047		CONSUMED			CONSUMED			CONSUMED	
FUEL OIL	EVAPORATED OR RECEIVED	82	BOILER WATER	ON HAND AT START OF DAY		LUBE OIL	ON HAND AT START OF DAY		DOMESTIC WATER	ON HAND AT START OF DAY	
	ON HAND	1049		EVAPORATED OR RECEIVED			EVAPORATED OR RECEIVED			EVAPORATED OR RECEIVED	
	CONSUMED	80		ON HAND			ON HAND			ON HAND	
				CONSUMED			CONSUMED			CONSUMED	

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

L.O. CENTRIFUGE - HOURS OPERATED					
1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
4	4	3:40	3:40	3:40	4

SUMMARY		PERCENT OF SLIP	
RUNNING TIME	23:12:3	PERCENT OF SLIP	
DETENTION TIME		BBL FUEL/MI	
TOTAL REVOLUTIONS	26060	WIND DIRECTION	
AVERAGE R.P.M.	91.3	STATE OF SEA	
TOTAL MILES BY ENGINE	466	STATE OF WEATHER	
TOTAL MILES BY OBSERVATION			

REMARKS

1200-1600 WATCH

MACH. IN op. #3 & 4 bl's, GEN'S, F.D. FANS, F.O. & F.D. PUMPS, MAIN
Air Eject., Air Comp., L.O., F.W., Fire, & Circ. pumps.
F.W. Pump secured @ 1300 ON @ 1330
Routine watch

OUT'bd sett. @ 1200

WATCH ENGR'S SIGNATURE-

A. Duncan

1600-2000 WATCH

MACH AS BEFORE. CHANGED #4 & 6 BURNERS & F.O. DISCH STRAINERS
BLEW TUBES #3 & 4 BURNERS
TIGHTENED BELTS ON H/W AIR COMPRESSOR

WATCH ENGR'S SIGNATURE-

L. Beaman

2000-2400 WATCH

MACH. AS BEFORE - CHANGED & CLEANED #3 F.O. BURNER & DISCH. STRAINERS -
CHANGED & CLEANED L.O. STRAINERS #3 & #4 AVY. GEN. - ADVANCED CLOCK 20 MIN. @ 2300 -
PUMPED BILGES -

WATCH ENGR'S SIGNATURE-

J. Seaton

2400-0400 WATCH

ADVANCED CLOCKS 20 MIN. @ 0100
Routine watch, mach. @ above, comp. with Night & dept. orders

IN'bd sett. @ 0000

WATCH ENGR'S SIGNATURE-

A. Duncan

0400-0800 WATCH

MACH AS BEFORE CHANGED & CLEANED #3 BURNER & F.O. DISCH STRAINER
ADVANCED CLOCK 20 mins @ 0500

WATCH ENGR'S SIGNATURE-

L. Beaman

0800-1200 WATCH

MACH. AS BEFORE EXCEPT - REDUCED SPEED TO BLOCK @ 1045 - $\frac{1}{10}$ @ 1103 - MAN
OVERBOARD DRILL - BLEW TUBES #3 & #4 BOILERS - CHANGED & CLEANED #5 F.O. BURNER
& DISCH. STRAINER - CHANGED & CLEANED L.O. STRAINERS #3 & #4 AVY. GEN. - PUMPED BILGES -

WATCH ENGR'S SIGNATURE-

J. Seaton

CHIEF ENGINEER

4-29-66 @ 0400

P 8.16 876

W 14.02 14.6

GL 4.54 4.14

POT 30 30

SE 53 62

STM 102 553-441

CHIEF ENGR'S SIGNATURE-

J. Seaton

[illegible]

REMARKS

1200-1600 WATCH

Secured from m. o'bd. drill @ 1202 4# 16 Nozz., w.w. off @ 1310, Had Elec. Reverse Rotation of vacuum Prim. Pump. w.w. on @ 1525
 St'by for Fire drill @ 1516 sec. @ 1521 Abandon Ship drill 1522 sec. @ 1527 4# mach. in op. # 3 & 4 blis, Gen, F.D. FANS, F.O, & F.D. PUMPS. MN, Air Eject., Air Comp., Fire, L.O., F.W., & Circ. pumps.
 1527 A.B.C. Drill sec. @ 1534 ch. ENG. IN ENG. RM. During Drills
 out'bd sett @ 1200 WATCH ENGR'S SIGNATURE- *A. Duncan*

1600-2000 WATCH

MACH AS BEFORE. BLEW TUBES #3 & 4 BURNERS.

WATCH ENGR'S SIGNATURE- *L. Braggins*

2000-2400 WATCH

MACH. AS BEFORE - CHANGED + CLEANED #6 F.O. BURNER + DISCH. STRAINERS -
 CHANGED + CLEANED L.O. STRAINERS - #3 + #4 AUX. GEN. - ADVANCED CLOCK 20 MIN. @ 2300 -
 PUMPED BILGES.

WATCH ENGR'S SIGNATURE- *J. Seaton*

2400-0400 WATCH

Routine watch, mach. @ before, comp. with Night & dept orders
 ADVANCED CLOCK 20 MIN. @ 0100

WATCH ENGR'S SIGNATURE- *A. Duncan*

0400-0800 WATCH

MACH AS BEFORE CHANGED & CLEANED #3 BURNER & F.O. SUCT STRNR
 ADVANCED CLOCK 20 mins @ 0500

WATCH ENGR'S SIGNATURE- *L. Braggins*

0800-1200 WATCH

MACH. AS BEFORE - BLEW TUBES #3 + #4 BURNERS - CHANGED + CLEANED #5 F.O.
 BURNER + DISCH. STRAINERS - CHANGED + CLEANED L.O. STRAINERS #3 + #4 AUX. GEN. -
 PUMPED BILGES - SEC. 70th RED. STATION @ 0900 1st A/E - CAPT. IN E.R. 0930 TO 0955 -

WATCH ENGR'S SIGNATURE- *J. Seaton*

CHIEF ENGINEER

4-30 46 @ 0400
 #3 #4

P 5.15 8.76

M 14.02 14.6

GL 4.56 4.56

PO 30 25

SO 51 60

SIM 42 576-684

CHIEF ENGR'S SIGNATURE- *M. Johnson*

USNS Pope		VOYAGE NO.		FROM Viet Nam		TO SAN FERN, CALIF.		TYPE OF VESSEL P-2		DATE 4/30/51					
		WATCH						WATCH							
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		240	240	220	220	220	240	MACHINERY PARTICULARS (CONT'D)	AFT. H. P. ROTOR BEARING	126	121	122	122	121	122
DETENTION TIME									FORWARD L. P. ROTOR BEARING	125	123	121	122	127	124
REVOLUTION COUNTER (END OF WATCH)		6699 5780	6701 5110	6703 2980	6705 2640	6706 5380	6708 7690		AFT. L.P. ROTOR BEARING	127	122	124	122	122	122
TOTAL REVOLUTIONS (FOR WATCH)		22180	19630	17870	17660	17740	19310		HOTTEST GEAR BEARING FORWARD	141	122	134	135	132	135
AVERAGE RPM		92.4	81.8	81.2	60.3	80.6	80.5		HOTTEST GEAR BEARING AFT	134	129	130	128	124	130
F.O. METER (END OF WATCH)		4080 3620	4120 5180	6150 5070	7150 6020	8150 6990	9110 8050	AUX. COND. CONDENSATE	93	89	87	90	88	87	
F.O. CONSUMED		2640	2200	1920	1950	1970	2020	1ST STAGE FEED WATER HEATER	129	122	130	124	121	130	
MACHINERY PARTICULARS	PRESSURES	THROTTLE	435	440	440	435	440	440	D. C. FEED WATER HEATER	237	238	238	238	238	238
		H.P. AHEAD	435	440	440	435	440	440	3RD STAGE FEED WATER HEATER						
		L.P. AHEAD	15	18	8	8	8	8	F.O. TO BURNERS	150	150	150	150	150	150
		VACUUM	29.8	29.8	29.8	29.8	29.8	29.8	F. O. BACK PRESSURE						
		L.O. TO TURBINES	13.5	13.5	13.5	13.5	13.5	13.5	AIR TO FURNACE	105/100	103/98	102/94	102/98	97/93	98/95
	TEMPERATURES	AUX. STEAM	130	130	130	130	130	130	UPTAKE	312	295	290	300	300	300
		BACK PRESSURE	10	10	10	10	10	10	MAIN STEAM	570	570	560	550	550	570
		GLAND STEAM	-	5	2	2	2	2	SUPER HEAT	455	460	460	460	460	460
		H.P. BLEEDER	60	-	64.8	-	-	-	F.O. TO BURNERS	140	170	170	180	185	200
		I.P. BLEEDER	8	-	-	-	-	-	F.O. TEMP. IN SETTLING TANKS	75	77	77	75	80	83
		L.P. BLEEDER	20"	20"	23"	20"	20"	23"	PORT BOILER UPTAKE						
TEMPERATURES	STEAM AT THROTTLE	570	570	560	550	550	570	STBD. BOILER UPTAKE							
	L.P. EXHAUST	91	90	88	90	87	88	ENGINE ROOM TEMPERATURE	83	79	80	82	80	81	
	CONDENSATE	83	78	78	79	77	77	FIRE ROOM TEMPERATURE							
	CIRC. WATER IN	54	54	53	55	53	52	NOZZLES IN USE	16	Block	Block	TT	Block	Block	
	CIRC. WATER OUT	68	66	64	76	77	64	NO. OF BURNERS IN USE	6	4	4	4	4	4	
	L.O. TO COOLERS	126	126	123	124	124	124	BURNER TIP SIZE	F	A	A	F	A	A	
	L.O. FROM COOLERS	110	110	110	110	110	110	CO ₂ % PORT BOILER							
	TEMPERATURE THRUST BEARING	108	112	110	109	111	112	CO ₂ % STBD. BOILER							
	FORWARD H.P. ROTOR BEARING	121	122	121	120	121	121	OIL LEVEL MAIN SUMP	Norm	Norm	Norm	Norm	Norm	Norm	

GENERATORS												FUEL - WATER AND LUBE OIL					
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	FUEL OIL	BOILER WATER	ON HAND AT START OF DAY	EVAPORATED OR RECEIVED	ON HAND	CONSUMED
1200 TO 1600	3	1200	455	570	8	132	110		62	900	900	METER AT NOON 816					
	4	1200	455	570	10	130	110		52	950	950	METER PREVIOUS NOON 830					
												CONSUMED BY METER 1270					
												ON HAND AT START OF DAY 5039					
												RECEIVED DURING DAY					
												EXPENDED DURING DAY 302/269					
												REMAINING ON BOARD 4468					
1600 TO 2000	3	1200	460	570	8	132	110		62	950	950	ON HAND AT START OF DAY 1051					
	4	1200	460	570	10	130	110		52	950	950	EVAPORATED OR RECEIVED 130					
												ON HAND 1150					
												CONSUMED 80					
2000 TO 2400	3	1200	460	560	8	132	110		62	800	800	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)					
	4	1200	460	560	10	130	110		52	800	800	L.O. CENTRIFUGE - HOURS OPERATED					
2400 TO 0400	3	1200	460	550	8	132	110		61	850	850	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
	4	1200	460	550	10	130	110		52	800	800	4	4	3:40	3:40	3:40	4
0400 TO 0800	3	1200	460	550	8	132	110		61	900	900	SUMMARY					
	4	1200	460	550	10	130	110		52	900	900	RUNNING TIME	23413	PERCENT OF SLIP			
0800 TO 1200	3	1200	460	570	8	132	110		62	950	950	DETENTION TIME		BBL FUEL/MI			
	4	1200	460	570	10	130	110		52	950	950	TOTAL REVOLUTIONS	14380	WIND DIRECTION			
												AVERAGE R.P.M.	82.9	STATE OF SEA			
												TOTAL MILES BY ENGINE	423	STATE OF WEATHER			
												TOTAL MILES BY OBSERVATION					

REMARKS

1200-1600 WATCH

MACH. in op. #3 & 4 bl's, Gen's, F.D. fans, F.O. & Fd. Pumps, M.N. Air Eject, Air Comp, L.O., Fire, F.W., & Circ pumps. F.W. Secured 1345 ON @ 1500

OUT'bd sett. @ 1200

WATCH ENGR'S SIGNATURE-

A. Duncan

1600-2000 WATCH

MACH AS BEFORE CHANGED #4 & 6 BURNERS & F.O. DISCH STRNRS
BLEW TUBES #3 & 4 TUBES
SLOWED TO BLOCK @ 1600 1/2 B

WATCH ENGR'S SIGNATURE-

W. Braggins

2000-2400 WATCH

MACH. AS BEFORE EXCEPT SEC. #2 L.P. EVAP @ 2230 - CHANGED + CLEANED F.O. DISCH. STRAINERS - CHANGED + CLEANED L.O. STRAINERS #3 + #4 AUX. GEN. ADVANCED CLOCK 20 MIN. @ 2300 - PUMPED BILGES - HIT OFF #2 L.P. EVAP. @ 1140 -

WATCH ENGR'S SIGNATURE-

J. Beaton

2400-0400 WATCH

Routine watch, mach. @ above, comp. with Night Dept. orders, ADVANCED CLOCK 20 min. @ 0100, cleaned M.N. L.O. STRAINER.

WATCH ENGR'S SIGNATURE-

A. Duncan

0400-0800 WATCH

MACH AS BEFORE SWAPPED #3 & 4 BURNERS FOR #1 & 2
ADVANCED CLOCK 20 mins @ 0500
COMPOUNDED CONDENSATE

WATCH ENGR'S SIGNATURE-

W. Braggins

0800-1200 WATCH

MACH. AS BEFORE EXCEPT - SEC. #2 L.P. EVAP. @ 0800 - BLOW TUBES #3 & 4 BURNERS - CHANGED + CLEANED #5 & #6 F.O. BURNERS + DISCH. STRAINERS - CHANGED + CLEANED L.O. STRAINERS #3 + #4 AUX. GEN. - PUMPED BILGES -

WATCH ENGR'S SIGNATURE-

J. Beaton

CHIEF ENGINEER

5-1-66 @ 0700
#3 #4

P 8.76 8.76

M 14.6 14.6

GK 4.56 4.56

Pcy 10 10

SO 54 62

STM 425 599-707

CHIEF ENGR'S SIGNATURE-

W. Braggins

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
Pope				Viet Nam		SAM FRAN, CALIF		P-2		5/1/2/66	

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME		220	240	220	220	178									
DETENTION TIME															
REVOLUTION COUNTER (END OF WATCH)		6710	6712	6714	6715	6717									
TOTAL REVOLUTIONS (FOR WATCH)		19180	19370	16480	16210	15500									
AVERAGE RPM		79.9	80.7	74.9	73.7	78.3									
F.O. METER (END OF WATCH)		70130	1290	2240	3200	4260	4930								
F.O. CONSUMED		2170	2310	1890	1900	2100	1070								

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
THROTTLE		435	440	440	435	440									
H.P. AHEAD		435	440	440	365	440									
L.P. AHEAD		8	8	4	4	8									
VACUUM		29.8	29.9	29.8	29.8	29.8	29.8								
L.O. TO TURBINES		13.5	13.5	13.5	13.5	13.5	13.5								
AUX. STEAM		130	130	125	125	130	125								
BACK PRESSURE		10	10	10	10	10	10								
GLAND STEAM		2.5	2.0	1	0.5	1.5	1.5								
H.P. BLEEDER		-	-	-	-	-	-								
L.P. BLEEDER		-	-	-	-	-	-								
L.P. BLEEDER		21"	21"	21"	22"	22"	-								
STEAM AT THROTTLE		555	560	570	570	565	510								
L.P. EXHAUST		89	86	84	84	84	112								
CONDENSATE		77	76	74	74	74	74								
CIRC. WATER IN		52	51	50	50	50	50								
CIRC. WATER OUT		62	62	60	59	60	64								
L.O. TO COOLERS		123	123	123	122	124	114								
L.O. FROM COOLERS		110	110	110	110	110	110								
TEMPERATURE THRUST BEARING		108	110	110	108	110									
FORWARD H.P. ROTOR BEARING		121	118	121	120	118									

		WATCH								WATCH					
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200			1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
AFT. H. P. ROTOR BEARING		123	122	121	120	120									
FORWARD L. P. ROTOR BEARING		125	124	124	122	123									
AFT. L. P. ROTOR BEARING		123	123	122	121	121									
HOTTEST GEAR BEARING FORWARD		136	136	135	135	130									
HOTTEST GEAR BEARING AFT		128	128	128	126	127									
AUX. COND. CONDENSATE		93	86	83	84	86									
1ST STAGE FEED WATER HEATER		120	118	112	118	115									
D. C. FEED WATER HEATER		238	238	238	237	238	240								
3RD STAGE FEED WATER HEATER															
F.O. TO BURNERS		150	150	150	150	150	150								
F. O. BACK PRESSURE															
AIR TO FURNACE		99/97	98/97	98/96	96/96	96/95									
UPTAKE		308	300	320	325	325									
MAIN STEAM		555	560	570	570	565	580								
SUPER HEAT		460	460	460	460	460	460								
F.O. TO BURNERS		740	220	180	180	230	VAR.								
F.O. TEMP. IN SETTLING TANKS		70	75	75	78	75									
PORT BOILER UPTAKE															
STBD. BOILER UPTAKE															
ENGINE ROOM TEMPERATURE		82	79	77		15	82								
FIRE ROOM TEMPERATURE															
NOZZLES IN USE		TH	BACK	THROT.	THROT.	BACK									
NO. OF BURNERS IN USE		4	4	4	4	4									
BURNER TIP SIZE		H	A	A	A	A									
CO ₂ % PORT BOILER															
CO ₂ % STBD. BOILER															
OIL LEVEL MAIN SUMP		NORM	NORM	NORM	NORM	NORM	NORM								

		GENERATORS													FUEL - WATER AND LUBE OIL				
		GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS						
1200 TO 1600		3	1200	460	535	8	132	110		61	950	950	240						
		4	1200	460	535	10	130	110		52	950	950	240						
1600 TO 2000		3	1200	460	560	8	132	110		61	950	950	240						
		4	1200	460	560	10	130	110		52	950	950	240						
2000 TO 2400		3	1200	460	570	8	132	110		62	850	850	240						
		4	1200	460	570	10	130	110		52	850	850	240						
2400 TO 0400		3	1200	460	570	8	132	110		61	850	850	240						
		4	1200	460	570	10	130	110		52	900	900	240						
0400 TO 0800		3	1200	460	565	8	132	110		61	900	900	240						
		4	1200	460	565	10	130	110		52	900	900	240						
0800 TO 1200		3	1200	460	570	8	132	110		62	1250	1250	240						
		4	1200	460	570	10	130	110		52	1250	1250	240						

		FUEL OIL		BOILER WATER		LUBE OIL	
METER AT 1200		6093	03670	ON HAND AT START OF DAY			
METER PREVIOUS NO.		6093	8050	EVAPORATED OR RECEIVED			
CONSUMED BY METER		1144	0	ON HAND			
ON HAND AT START OF DAY		44	68	CONSUMED			
RECEIVED DURING DAY				ON HAND AT START OF DAY			
EXPENDED DURING DAY		272		RECEIVED			
REMAINING ON BOARD				ON HAND			
ON HAND AT START OF DAY		1150		CONSUMED			
EVAPORATED OR RECEIVED		210		DIE 2000			
ON HAND		1380					
CONSUMED		80					

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	3:40	3:40	3:40	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

MACH. IN OP. #3 & 4 BLRS, GEN'S, F.D. FANS, F.O. & Fd. Pumps, MN.
Air Eject., Air Comp. L.O., Fire, F.W., & Circ. pumps.
L.P. Evap. Lit off @ 1150
Routine watch

OUT'BD

WATCH ENGR'S SIGNATURE-

A. Duncan

1600-2000 WATCH

W/AG AS BEFORE CHANGED & CLEANED #3 & 4 BURNERS & PUT IN #1 & 2
BIOW TUBES #3 & 4 BLRS

WATCH ENGR'S SIGNATURE-

L. Batindas

2000-2400 WATCH

MACH. AS BEFORE EXCEPT - REDUCED SPEED TO 75 R.P.M. @ 2000 B/G BRIDGE -
CHANGED TO #3 & 4 BURNERS - CLEANED #5 & 6 BURNERS + DISCH. STRAINERS - CHANGED
+ CLEANED L.O. STRAINERS #3 & 4 AUX. GEN. - ADVANCED CLOCK 20 MIN. @ 2300 - PUMPED
BIRGES -

WATCH ENGR'S SIGNATURE-

J. Seaton

2400-0400 WATCH

MACH. @ ABOVE, ROUTINE WATCH, COMP. WITH NIGHT & DEPT. ORDERS
CLOCK ADVANCED 20 MIN. @ 0100

IN'BD SETT @ 0000

WATCH ENGR'S SIGNATURE-

A. Duncan

0400-0800 WATCH

W/AG AS BEFORE. SPLIT PLANT @ 0400. ADVANCED CLOCK 20 mins @ 0400.
SPED UP TO BLACK @ 0512. 0522 WEATHER STB? 4-0731
ARRIVAL @ 0718 FOM 2374160, 6123170 CIR. 67174290

WATCH ENGR'S SIGNATURE-

L. Batindas

0800-1200 WATCH

MANEUVERING - BELLS AS PER BELL BOOK - F.W.E. @ 0917 - CTR. P. 67179620 -
CTR. S. 86368630 - FOM. 2374550 - FOM. S. 6423580 - SEC. MN. STM. STOPS + MN. UNIT
ON JACKING GEAR - SEC. #3 BOILER B/G 1ST A/E - BIRGES AT SAFE LEVEL -
AFT. E.R. SEC.

WATCH ENGR'S SIGNATURE-

J. Seaton

CHIEF ENGINEER

5-2-66 @ 0100
#3 #4

P 5.76 8.76

M 13.43 14.02

OL 7.56 4.56

P₄ 40 40

SO 58 62

SOM 4RS 622-730

CHIEF ENGR'S SIGNATURE-

J. Seaton

A12547