

WATCH							WATCH						
	1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
MACHINERY PARTICULARS													
PRESSURES													
TEMPERATURES													
MISCELLANEOUS													
BOILER PARTICULARS													
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REMARKS

1200-1600 WATCH

UNDERWAY @ 16 NOZZLES - MACH'Y IN OPERATION - #1 & #2 BOLLERS - #1 & #2 F.D. FANS - #1 & #2 D.C. GENS. - #1 & #2 M.W. COND. PUMPS - #1 F.O. SERVICE PUMP - M.W. CIRC. PUMP - #1 M.W. COND. PUMP - ANX. CIRC. PUMP - ELECT. L.O. SERVICE PUMP - L.O. PUMPER - #1 M.W. AIR COMPRESSOR - PORT STEERING MOTOR - F.W. PUMP / INCREASED TO 16 NOZZLES @ 1200 - B/O BRIDGE - FWT MASSEY REPORTED TO SICKBAY @ 1300 FOR TREATMENT OF FIR. INJURY, BACK @ 1330 - ROUTINE TESTS & INSPECTIONS

C-74102930 I.O.M. - P-5030450 S-1719360

WATCH ENGR'S SIGNATURE

William W. Leggett

1600-2000 WATCH

UNDERWAY AS BEFORE:

BLEW TUBES P/S BOLLERS:

F.O. TEMP Controlled on Regulation SET AT 160° (NAVY SPEC)

BLEW DOWN M.U. & CONT EVAP'S

ROUTINE WATCH

WATCH ENGR'S SIGNATURE

C. J. Fry

2000-2400 WATCH

RETARDED CLOCK 20 MINS. @ 2300. CHANGED AND CLEANED F.O. SUCTION AND DISCH. STRAINERS. CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN. CHANGED OVER SETTS @ 2400

WATCH ENGR'S SIGNATURE

Ryan C. Johnson

2400-0400 WATCH

SAME AS BEFORE. RETARDED CLOCK 20 MIN @ 0100. HELD CASUALTY DRILL E-8 - LOSS OF FORCED DRAFT FAN - 4 MEN PRESENT - BRIDGE NOTIFIED - COMPLIED WITH NITE ORDERS -

WATCH ENGR'S SIGNATURE

William W. Leggett

0400-0800 WATCH

UNDERWAY AS BEFORE:

RETARDED CLOCKS 20 MIN @ 0500:

SIMULATED CASUALTY DRILL E-8 FORCE DRAFT FAN FAILURE, (4) MEN, BRIDGE NOTIFIED:

DRAINED & REFILLED OIL ON F.W. PUMP.

Complied W/Dept Orders

ROUTINE WATCH

REDUCE SPEED TO 14 KNOTS @ 0800 B/O BRIDGE

WATCH ENGR'S SIGNATURE

C. J. Fry

0800-1200 WATCH

REDUCE NOZZS. TO 14 @ 0800. LIFEBOAT MOTORS TESTED AND O.K.

BLEW TUBES P-S BOLLERS, CONDUCTED ENGR'G. CASUALTY DRILL E-8, FWT MASSEY, OILER HERDEL, JR. ENG. LYNCH, 2ND WATCH ENGR. PARTICIPATED. BRIDGE NOTIFIED. CHANGED AND CLEANED F.O. SUCTION AND DISCH. STRAINERS. CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN. CHANGED OVER SETTS @ 1200.

WATCH ENGR'S SIGNATURE

Ryan C. Johnson

CHIEF ENGINEER

16	PORT	STARBOARD
PA	11.68	9.35
TA	16.35	11.68
CH	11.19	17.46
PH	50	30
SH	354	470

CHIEF ENGR'S SIGNATURE

Ryan C. Johnson

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
GEN. JOHN P. TAP		1 B		OKINAWA		TO GI, NHON, VIETNAM		P2		12-16/17-65			
		WATCH						WATCH					
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200	
RUNNING TIME		240		240		240		240		240		240	
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)		7424		68810		90675		12330		33760		54660	
TOTAL REVOLUTIONS (FOR WATCH)		21700		21810		21865		21660		21630		20700	
AVERAGE RPM		90.4		90.6		91.1		90.3		90.1		89.6	
F.O. METER (END OF WATCH)		P 5037610		38700		39785		40840		41900		42980	
		S 1726380		37440		28490		29540		30500		31630	
F.O. CONSUMED		2120		2150		2130		2110		2130		2180	
PRESSURES		THROTTLE		440		440		440		440		420	
		H.P. AHEAD		430		430		430		430		410	
		L.P. AHEAD											
		VACUUM		28.0"		28.0"		28.0"		28.0"		28.0"	
		L.O. TO TURBINES		12		12		12.5		12.5		13	
		AUX. STEAM		150		150		150		150		150	
		BACK PRESSURE		10		10		10		10		9	
		GLAND STEAM		1		1.0		1.5		1.5		1.0	
		H.P. BLEEDER		70		70		70		70		-	
		I.P. BLEEDER		8		8		8		8		-	
		L.P. BLEEDER		13		15		13		14		15	
TEMPERATURES		STEAM AT THROTTLE		710		715		675		710		715	
		L. P. EXHAUST		105		98		97		104		99	
		CONDENSATE		100		98		98		100		100	
		CIRC. WATER IN		81		80		80		80		82	
		CIRC. WATER OUT		90		88		88		90		91	
		L.O. TO COOLERS		127		126		128		126		124	
		L.O. FROM COOLERS		110		110		110		110		110	
		TEMPERATURE THRUST BEARING		115		115		115		116		115	
		FORWARD H.P. ROTOR BEARING		136		134		134		137		135	
		AFT. H.P. ROTOR BEARING		136		135		135		136		134	
		FORWARD L.P. ROTOR BEARING		132		128		128		131		127	
		AFT. L.P. ROTOR BEARING		129		126		126		128		125	
MISCELLANEOUS		MAIN COND. SALINITY		.41		0.41		0.41		.41		0.41	
		ENGINE ROOM TEMPERATURE		91		92		92		92		92	
		FIRE ROOM TEMPERATURE		91		92		92		102		92	
		NOZZLES IN USE		14		14		14		14		10	
		NO. OF BURNERS IN USE		P 3		3		3		3		2	
				S 3		3		3		3		2	
		BURNER TIP SIZE		P 53/70		53/70		53/70		53/70		53/70	
				S 53/70		53/70		53/70		53/70		53/70	
		CO ₂ % PORT BOILER				13				12			
		CO ₂ % STBD. BOILER				13				12			
		OIL LEVEL MAIN SUMP		NORM		N		N		NORM		N	
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		1		1200		440		9		121		112	
										63		1100	
										1100		240	
1600 TO 2000		1		1200		440		9		122</			

1200-1600 WATCH

UNDERWAY 14 NOZZLES - MACH'Y IN OPERATION - #1 & #2 BOILERS - #1 & #2 F.D. PUMPS - #1 & #2 D.C. GENS -
 #1 & #2 M.V. F.D. PUMPS - #1 F.O. SERVICE PUMP - M.V. CIRC. PUMP - AUX CIRC. PUMP - #1 M.V. COND.
 PUMP - L.O. SERVICE PUMP (ELEC) - M.V. AIR COMPRESSOR - M.V. & CONT. EVAPS - L.W. PUMP -
 PORT STEERING MOTOR - COMPLIED WITH STANDING ORDERS - ROUTINE TESTS &
 INSPECTIONS - FIRE DRILL @ 1515 STBY @ 1515 SEC. FR. F. DRILL @ 1523 LIFEBOAT DRILL @ 1524 SEC. @
 1530 44 @ 1530 CH. EXM. IN E.R. 1515 TO 1530:

C-7424700 F.O.M. - P-5037610 S-1726380

WATCH ENGR'S SIGNATURE

William H. Leggett

1600-2000 WATCH

UNDERWAY AS BEFORE:

BLEW TUBES P/S BOILERS:

~~FW. SUCTION ON NO. 3 @ 1710.~~

ROUTINE WATCH

COMPLIED W/DEPT ORDERS:

WATCH ENGR'S SIGNATURE

C. W. Gray

2000-2400 WATCH

CHANGED AND CLEANED L.O. STRAINER NO. 1 GEN, CHANGED AND CLEANED F.O. DISCH.
 STRAINERS. COMPLIED WITH NIGHT AND STANDING ORDERS.
 CHANGED OVER SETTS @ 2400.

WATCH ENGR'S SIGNATURE

R. C. Nelson

2400-0400 WATCH

SAME AS BEFORE EXCEPT INCREASED M.V. L.O. SUMP TO NORMAL LEVEL -
 COMPLIED WITH NITE ORDERS - ROUTINE WATCH, TESTS & INSPECTIONS.

WATCH ENGR'S SIGNATURE

William H. Leggett

0400-0800 WATCH

UNDERWAY AS BEFORE:
 ROUTINE WATCH

REDUCED SPEED TO BLOCK (10 KNOTS) @ 0800 B/O Bridge (0730)

WATCH ENGR'S SIGNATURE

C. W. Gray

0800-1200 WATCH

M.V. UNIT ON BLOCK @ 0800. RUN EMERGENCY DIESEL FOM 0900 TO 1100, (WITH LOAD).
 CHANGED AND CLEANED F.O. SUCTION AND DISCH. STRAINERS. CHANGED AND CLEANED L.O.
 STRAINER NO. 1 D.C. GEN, BLEW TUBES P-S BOILERS. 90th, 12th AND L.P. EXTRACTION VALVES CLOSED.
 CHANGED OVER SETTS @ 1200.

WATCH ENGR'S SIGNATURE

R. C. Nelson

CHIEF ENGINEER

#	PORT	STBD
PA	12.85	9.35
TA	17.52	11.68
CH	14.50	8.29
PH	50	15
SH	378	444

CHIEF ENGR'S SIGNATURE

W. H. Leggett

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
GEN. JOHN POE TAPHO		1 B		NANA OKINAWA		QUI NHON, VIETNAM		P2		12-17/18-65	

		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			131	130	130	131	132	130
DETENTION TIME															
REVOLUTION COUNTER (END OF WATCH)		7437 4220	92800	10110	7142 8060	45670	54620								
TOTAL REVOLUTIONS (FOR WATCH)		19560	18580	17310	17950	17710	9450								
AVERAGE RPM		81.5	77.4	72.1	74.8	74.2	39.9								
F.O. METER (END OF WATCH)		504360 173250	44660	45390	46200	47010	47520								
F.O. CONSUMED		1860	1680	1440	1630	1020	1410								

		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		420	430	430	430	430	425								
H.P. AHEAD		350	305	250	300	300	95								
L.P. AHEAD															
VACUUM		28.0"	28"	28.0"	28.0"	28"	28.0"								
L.O. TO TURBINES		13	13	13	13	13	13								
AUX. STEAM		140	140	140	140	140	140								
BACK PRESSURE		10	7.5	8	10	10	10								
GLAND STEAM		2	2	2	2	2	0.5								
H.P. BLEEDER															
I.P. BLEEDER															
L.P. BLEEDER															

		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
STEAM AT THROTTLE		700	700	685	670	670	576								
L. P. EXHAUST		104	98	99	102	97	96								
CONDENSATE		97	94	94	96	94	87								
CIRC. WATER IN		81	83	84	83	82	80								
CIRC. WATER OUT		90	88	88	90	88	84								
L.O. TO COOLERS		120	122	120	122	122	116								
L.O. FROM COOLERS		110	110	109	110	110	116								
TEMPERATURE THRUST BEARING		113	114	115	114	114	115								
FORWARD H.P. ROTOR BEARING		132	131	125	132	128	127								
AFT. H.P. ROTOR BEARING		131	129	127	130	127	117								
FORWARD L.P. ROTOR BEARING		121	119	120	120	117	115								
AFT. L.P. ROTOR BEARING		124	122	125	126	120	112								

		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
HOTTES GEAR BEARING FORWARD		131	130	130	131	132	130								
HOTTES GEAR BEARING AFT		134	138	135	135	138	130								
AUX. COND. CONDENSATE		97	94	94	96	94	87								
1ST STAGE FEED WATER HEATER		112	110	110	110	108	100								
D. C. FEED WATER HEATER		239	242	245	243	244	245								
3RD STAGE FEED WATER HEATER															

		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
SUPER HEAT		P 720	690	670	675	680	610								
F.O. TO BURNERS		160	160	160	160	160	160								
AIR TO FURNACE		P 136	133	137	134	132	128								
F.O. TEMP. IN SETTLING TANKS		P 100	102	100	110	112	104								
PORT BOILER UPTAKE		305	295	285	300	310	300								
STBD. BOILER UPTAKE		230	240	235	240	225	220								
F. O. BACK PRESSURE															
MAIN STEAM		440	445	440	440	440	430								
F.O. TO BURNERS		160	100	170	180	193	190								
MAIN COND. SALINITY		.41	0.41	0.41	0.41	0.41	0.41								
ENGINE ROOM TEMPERATURE		95	95	95	95	95	95								
FIRE ROOM TEMPERATURE		101	95	95	101	95	95								
NOZZLES IN USE		THROTTLE	T	THROTTLE	THROTTLE	T	THROTTLE								
NO. OF BURNERS IN USE		P 2	3	2	2	2	2								
BURNER TIP SIZE		P 53/70	53/70	53/60	53/60	53/60	60-60								
CO. % PORT BOILER			14		12.5	12.5									
CO. % STBD. BOILER			14		13	13									
OIL LEVEL MAIN SUMP		NORM	N	N	NORM	N	N								

		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
GENERATOR NUMBER		1	1	1	1	1	1								
R.P.M.		1200	1200	1200	1200	1200	1200								
STEAM PRESSURE		420	430	430	430	430	420								
STEAM TEMP.															
L.O. PRESSURE		9	9	9	9	9	9								
L.O. TO COOLER		122	120	120	120	120	120								
L.O. FROM COOLER		112	110	110	110	110	110								
TEMP. OF HOTTEST BEARING															
L.O. GOVERNOR PRESSURE		62	63	63	63	63	62								
AMPS POSITIVE		1150	1150	1150	1150	1150	1150								
AMPS NEGATIVE															
VOLTS		240	240	240	240	240	240								

		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
METER AT NOON		47520	36700												
METER PREVIOUS NOON		2950	31230												
CONSUMED BY METER		4570	5070												
ON HAND AT START OF DAY		13383													
RECEIVED DURING DAY															
EXPENDED DURING DAY		228	247												
REMAINING ON BOARD		12888													
ON HAND AT START OF DAY															
EVAPORATED OR RECEIVED															
ON HAND															
CONSUMED															
ON HAND AT START OF DAY															
RECEIVED															
ON HAND															
CONSUMED															
ON HAND AT START OF DAY															
RECEIVED															
ON HAND															
CONSUMED															

		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
L.O. CENTRIFUGE - HOURS OPERATED		4	4	4	4	4	4								
SUMMARY															
RUNNING TIME															
DETENTION TIME															
TOTAL REVOLUTIONS															
AVERAGE R.P.M.															
TOTAL MILES BY ENGINE															
TOTAL MILES BY OBSERVATION															

REMARKS

1200-1600 WATCH

UNDERWAY ON THROTTLE - MACH IN OPERATION - #1 & #2 BOILERS - #1 & #2 F.D. FANS - #1 D.C. GEN. - #1 & #2 M.F.D. PUMPS - #1 F.O. SERVICE PUMP - #1 M. COND. PUMP - M.N. CIRC. PUMP - AUX CIRC. PUMP - ELEC. L.O. SERVICE PUMP - L.O. PURIFIER - F.W. PUMP - M.N. & CONT. F.W.B. - M.N. AIR COMPRESSOR - PORT STEERING MOTOR - / REDUCED SPEED TO 84 R.P.M. @ 1235
B/O BRIDGE - COMPLIED WITH STANDING ORDERS - ROUTINE TESTS & INSPECTIONS.

C-74374220 F.O.M. D-5043860 S-1732580

WATCH ENGR'S SIGNATURE

William W. Leggett

1600-2000 WATCH

UNDERWAY AS BEFORE EXCEPT REDUCED SPEED TO 78 R.P.M. @ 1600:

BLEW TUBES P/S BOILERS:

ROUTINE WATCH

BLEW DOWN EQUIPS

COMPLY W/DEPT ORDERS

REDUCE SPEED TO 75 R.P.M. @ 2000 B/O BRIDGE

WATCH ENGR'S SIGNATURE

C. J. Gray

2000-2400 WATCH

REDUCE SPEED TO 75 R.P.M. @ 2000, BRIDGE NOTIFIED. CHANGED AND CLEANED F.O. SUCTION,

AND DISCH. STRAINERS. CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN.

COMPLIED WITH NIGHT AND STANDING ORDERS.

CHANGED OVER SETTS @ 2400.

WATCH ENGR'S SIGNATURE

Roger C. Nelson

2400-0400 WATCH

SAME AS BEFORE -

CHANGED M.N.F. SUCTION TO DW. D.B. TIC.

COMPLIED WITH NITE ORDERS

ROUTINE WATCH -

WATCH ENGR'S SIGNATURE

William W. Leggett

0400-0800 WATCH

UNDERWAY AS BEFORE: ARRIVAL & TIME CHECK @ 0730: CTR 74445170

RFOM 5046970 S-F.O.M 1735760: STBY 0724: BELLS AS PER BELL BOOK

ROUTINE WATCH

@ 0800 Red speed to 60 R.P.M. B/O BRIDGE

WATCH ENGR'S SIGNATURE

C. J. Gray

0800-1200 WATCH

HALF AND. @ 0803. SLOW AND. (25 R.P.M.) @ 0819 B/O BRIDGE. BLEW TUBES P-S BOILERS

35 R.P.M. @ 1013.30. CHANGED AND CLEANED F.O. SUCTION, AND DISCH. STRAINERS.

CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN.

CHANGED OVER SETTS @ 1200.

WATCH ENGR'S SIGNATURE

Roger C. Nelson

CHIEF ENGINEER

18	PORT	STBD
PA	11.10	9.93
TA	14.60	12.85
CH	11.60	8.39
PH	50	50
SH	402	468

CHIEF ENGR'S SIGNATURE

Roger C. Nelson

[illegible]

1200-1600 WATCH

UNDERWAY ON THROTTLE - 240 RPM. - MACHIN IN OPERATION - #1 & #2 BOILERS - #1 & #2 F.O. FANS - #1 & #2 M. F.O. Pumps - #1 D.C. GEN. - #1 & #2 F.O. SERVICE PUMP - M.A. CIRC. PUMP - AUX CIRC. PUMP - #1 M. COND. PUMP - FUEL L.O. SERVICE PUMP - L.O. PURIFIER - M.A. AIR COMPRESSOR - PORT STEERING MOTOR - M.A. & CAPT. BUOYS - F.W. PUMP - INCREASED SPEED TO 50 RPM @ 1506 B/O BRIDGE -

ROUTINE TESTS & INSPECTIONS -

C-74464370 F.O.M. P-5048440 E-1737320

WATCH ENGR'S SIGNATURE -

William W. Leggett

1600-2000 WATCH

UNDERWAY AS BEFORE EXCEPT DECREASED RPM TO 40 B/O BRIDGE @ 1600

BLEW TUBES P/S BOILERS:

35 RPM @ 1845 B/O BRIDGE:

COMPLIED W/DEPT ORDERS

WATCH ENGR'S SIGNATURE -

Cliffrey

2000-2400 WATCH

CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN. CHANGED AND CLEANED

F.O. DISCH. STRAINERS, COMPLIED WITH NIGHT AND STANDING ORDERS

CHANGED OVER SETTS @ 2400.

WATCH ENGR'S SIGNATURE -

Ragnar C. Nelson

2400-0400 WATCH

SAME AS BEFORE - EXCEPT @ 0230 ~~IN~~ INCREASED SPEED TO 38 RPM B/O BRIDGE -

@ 0251 INCREASED SPEED TO 40 RPM B/O BRIDGE - CLEANED L.O. PURIFIER - BACK ON PUMP TO PUMP - COMPLIED WITH NIGHT & STANDING ORDERS

WATCH ENGR'S SIGNATURE -

William W. Leggett

0400-0800 WATCH

UNDERWAY AS BEFORE:

REDUCE SPEED 30 RPM @ 0604 B/O BRIDGE

INCREASE " TO 40 " 0635 "

RED. " 35 " 0718 "

INCREASE " 40 " 0730 "

Routine Watch

WATCH ENGR'S SIGNATURE -

Cliffrey

0800-1200 WATCH

REDUCED SPEED TO 30 R.P.M. @ 0803:40. BLEW TUBES P-S BOILERS, FULL AND, @ 0946:30: 60RPM.

FULL R.C.W. 40 R.P.M. 0945, HALF AHEAD @ 1001-40RPM, FULL AND, @ 1045, 60RPM

HALF AHEAD @ 1054, 30RPM. CHANGED AND CLEANED F.O. SUCTION AND DISCH. STRAINERS.

CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN.

FULL AND, @ 1124, 30 R.P.M. @ 1129:30, 35 R.P.M. 1147:40

CHANGED OVER SETTS @ 1200.

WATCH ENGR'S SIGNATURE -

Ragnar C. Nelson

CHIEF ENGINEER

19	PORT STRL	
PA	10.51	8.76
TA	14.02	11.68
CA	10.36	8.89
PH	60	50
SH	426	492

ACCIDENT REPORT: F.W.T.

HASSEY (8-12) SPLASHED DIESEL

OIL IN EYES, TO SICK BAY @ 0910.

HASSEY ON DUTY @ 0940.

CHIEF ENGR'S SIGNATURE -

Ragnar C. Nelson

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
CEN JOHN POPE TAP 110		1 B		OKINAWA		PHU NHON - VIETNAM		P2		12-19/20-65			
		WATCH						WATCH					
		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200	
RUNNING TIME		240		240		240		240		240			
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)		7451 6810		25350 25350		7453 3110		7454 1370		49650 49650			
TOTAL REVOLUTIONS (FOR WATCH)		8530 8540		7760 8260		8260 8260		8260 8260		8260 8260			
AVERAGE RPM		35.5 35.4		32.3 34.4		34.4 34.5		34.5 34.5		34.5 34.5			
F.O. METER (END OF WATCH)		P 5050750 1739990		S 37190 40420		51540 40910		52010 41240		52420 41630		52740 41910	
F.O. CONSUMED		910 870		790 850		800 600							
PRESSURES		THROTTLE		420 420		420 420		420 420		420 420			
		H.P. AHEAD		90 90		60 70		VAR.					
		L.P. AHEAD											
		VACUUM		28.0" 28		28.0" 28.0"		28.0" 28.0"		27.3"			
		L.O. TO TURBINES		13 13		13 13		13 13		13 13			
		AUX. STEAM		140 140		140 140		140 140		140 140			
		BACK PRESSURE		10 10		10 10		10 10		10 10			
		GLAND STEAM		2 2		2 2		2 2		5			
		H.P. BLEEDER											
		I.P. BLEEDER											
TEMPERATURES		STEAM AT THROTTLE		660 660		630 650		630 650		630 650			
		L. P. EXHAUST		184 178		185 176		174 174		191 191			
		CONDENSATE		87 85		85 86		84 84		90 90			
		CIRC. WATER IN		78 80		80 79		80 80		80 80			
		CIRC. WATER OUT		84 84		84 84		82 82		81 81			
		L.O. TO COOLERS		114 116		114 115		116 116		108 108			
		L.O. FROM COOLERS		110 110		108 110		110 110		108 108			
		TEMPERATURE THRUST BEARING		112 113		113 112		113 113					
		FORWARD H.P. ROTOR BEARING		123 120		115 120		119 119					
		AFT. H.P. ROTOR BEARING		119 120		118 122		120 120					
TEMPERATURES		FORWARD L.P. ROTOR BEARING		114 112		113 115		114 114					
		AFT. L.P. ROTOR BEARING		117 115		115 118		116 116					
		HOTTEST GEAR BEARING FORWARD		123 120		118 122		120 120					
		HOTTEST GEAR BEARING AFT		119 118		115 120		117 117					
		AUX. COND. CONDENSATE		87 85		85 86		84 84		90 90			
		1ST STAGE FEED WATER HEATER				96 96				96 100			
		D. C. FEED WATER HEATER		245 243		243 243		243 243		243 243			
		3RD STAGE FEED WATER HEATER											
		SUPER HEAT		P 665 670		665 665		670 670		583 583			
		F.O. TO BURNERS		S 550 575		565 575		575 575		560 560			
TEMPERATURES		AIR TO FURNACE		P 124 124		124 124		122 122		126 126			
		F.O. TEMP. IN SETTLING TANKS		S 105 110		110 105		106 106		104 104			
		PORT BOILER UPTAKE		330 290		280 325		290 290		245 245			
		STBD. BOILER UPTAKE		245 220		225 250		235 235		215 215			
		F. O. BACK PRESSURE											
		MAIN STEAM		430 430		430 430		430 430		430 430			
		F.O. TO BURNERS		190 180		170 180		200 200		250 250			
		MAIN COND. SALINITY		0.41 0.41		0.41 0.41		0.41 0.41		0.41 0.41			
		ENGINE ROOM TEMPERATURE		94 94		94 94		95 95		95 95			

1200-1600 WATCH

UNDERWAY ⁴ AT 35 RPM - MACHINERY IN OPERATION - #1 & #2 BOILERS - #1 & #2 F.D. FANS -
 #1 D.C. GEAR - #1 & #2 M.V. COND. PUMPS - #1 F.O. SERVICE PUMP - M.V. CIRC. PUMP - AUX CIRC.
 PUMP - #1 M.V. COND. PUMP - ELEC. L.O. SERVICE PUMP - L.O. PURIFIER - M.V. AIR COMPRESSOR -
 M.H. & CONT. EVAPS - PORT STEERING MOTOR - F.W. PUMP - ROUTINE TESTS & INSPECTIONS -

C-74516810 FOM P-5050750 S-1739990

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

UNDERWAY AS BEFORE;

BLEW TUBES P/S BOILERS

ROUTINE WATCH

COMPLIED W/DEPT ORDERS

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

CHANGED AND CLEANED F.O. DISCH. STRAINERS. CHANGED AND CLEANED L.O. STRAINER NO 1
 D.C. GEAR. COMPLIED WITH NIGHT AND STANDING ORDERS,
 CHANGED OVER SETTS @ 2400

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

SAME AS BEFORE EXCEPT CHANGED M.H.F. SUCTION TO D.W. DR. TK. -
 COMPLIED WITH NITE ORDERS - ROUTINE WATCH

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

UNDERWAY AS BEFORE EXCEPT; SPEED CHANGES AS PER BRIDGE RPM 40 @ 0540;
 50 @ 0605; 40 @ 0617; BRIDGE NOTIFIED #1 ER TO BREAK OUT SCADETAIL @ 0635;
 @ 0640; 0652 4; @ 0723; BELLS AS PER BELL BOOK: MANEUVERING TO ANCHOR
 Routine Watch

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

FWE @ 0842. C-74549880 M- P-5052540 S-1741750. BLEW TUBES P-S BOILERS,
 CLOSED M.V. AND BLRND. STOPS @ 0844. M.V. UNIT ON JACKING GEAR @ 0846. CHANGED FROM LOW
 TO HIGH SEA INJECTION (M.H.) @ 0910. POT. WATER SUCTION NO. 2 PORT. MAINTAINING
 VACUUM ON M.H. UNIT. CHANGED OVER SETTS @ 1200.

AS BEFORE EXCEPT, AS PER LOG.

CHIEF ENGINEER

70	PORT	STBD
PA	9.93	8.76
TA	13.43	11.68
CH	10.36	9.11
PH	70	60
SH	470	516

WATCH ENGR'S SIGNATURE-

ILLNESS REPORT: OILER HEMPEL
 TO SICK BAY @ 0812. MADE APPT. FOR
 0900. OILER HEMPEL ORDERED TO
 HOSPITAL BY SHIP'S DOCTOR. @ 1000

CHIEF ENGR'S SIGNATURE-

USNS GEN. JOHN POPE TAP 110 VOYAGE NO. 1 FROM @ QUI NHON, VIETNAM TO TYPE OF VESSEL P2 DATE 12-20/21-65

							WATCH					
							1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
RUNNING TIME												
DETENTION TIME												
REVOLUTION COUNTER (END OF WATCH)												
TOTAL REVOLUTIONS (FOR WATCH)												
AVERAGE RPM												
F.O. METER (END OF WATCH)							P 505301053380 5142140	1053380 423380	63550 42610	53830 42840	54100 43060	54380 43300
F.O. CONSUMED							500	510	500	510	490	520
PRESSURES	THROTTLE											
	H.P. AHEAD											
	L.P. AHEAD											
	VACUUM	28.0"	28.	28"	28.0"	28	28"					
	L.O. TO TURBINES	13	13	13	13	13	13					
	AUX. STEAM	150	150	150	150	150	150					
	BACK PRESSURE	9	9	9	10	10	9.5					
	GLAND STEAM	3	3	3	3	3	3					
	H.P. BLEEDER											
	L.P. BLEEDER											
TEMPERATURES	STEAM AT THROTTLE											
	L. P. EXHAUST	167	150	140	134	130	130					
	CONDENSATE	84	84	84	85	85	86					
	CIRC. WATER IN	78	78	80	80	80	80					
	CIRC. WATER OUT	81	81	82	81	82	82					
	L.O. TO COOLERS	113	116	116	114	114	112					
	L.O. FROM COOLERS	111	111	112	112	110	110					
	TEMPERATURE THRUST BEARING											
	FORWARD H.P. ROTOR BEARING											
	AFT. H.P. ROTOR BEARING											
FORWARD L.P. ROTOR BEARING												
AFT. L.P. ROTOR BEARING												
							WATCH					
							1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200
							HOTTEST GEAR BEARING FORWARD					
							HOTTEST GEAR BEARING AFT					
							84	84	84	85	85	86
							1ST STAGE FEED WATER HEATER					
							244	244	244	243	243	244
							3RD STAGE FEED WATER HEATER					
							P 665	640	660	655	660	645
							S 550	540	545	545	550	545
							F.O. TO BURNERS					
							160	160	160	160	160	160
							P 126	125	123	122	122	137
							S 126	125	123	122	122	137
							P 106	110	110	106	104	95
							S 104	110	110	104	104	105
							PORT BOILER UPTAKE					
							290	260	258	265	260	260
							STBD. BOILER UPTAKE					
							230	220	220	230	220	220
							F. O. BACK PRESSURE					
							MAIN STEAM					
							430	430	430	430	430	430
							F.O. TO BURNERS					
							170	160	160	170	165	160
							MAIN COND. SALINITY					
							0.41	0.41	0.41	0.41	0.41	0.41
							ENGINE ROOM TEMPERATURE					
							90	90	90	90	90	92
							FIRE ROOM TEMPERATURE					
							96	90	90	94	90	92
							NOZZLES IN USE					
							P 1	1	1	1	1	1
							S 1	1	1	1	1	1
							P 53/60	53/60	53/60	53/60	53/60	53/60
							S 53/60	53/60	53/60	53/60	53/60	53/60
							CO ₂ % PORT BOILER					
							CO ₂ % STBD. BOILER					
							OIL LEVEL MAIN SUMP					
							NORM	N	N	NORM	N	N

WATCH	GENERATORS												FUEL - WATER AND LUBE OIL											
	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	FUEL OIL		DOMESTIC WATER		BOILER WATER		LUBE OIL		DIESEL OIL			
1200 TO 1600	1	1200	420		9	122	113		63	1200	1200	240	METER AT NOON	54380/43300		ON HAND AT START OF DAY		ON HAND AT START OF DAY		ON HAND AT START OF DAY		ON HAND AT START OF DAY		
									1				METER PREVIOUS NOON	2740/41910		EVAPORATED OR RECEIVED		RECEIVED DURING DAY		RECEIVED		RECEIVED		
1600 TO 2000	1	1200	420		9	120	110		63	1000	1000	240	CONSUMED BY METER	1640/1390		ON HAND		EXPENDED DURING DAY	151	ON HAND		CONSUMED		
													ON HAND AT START OF DAY	12345		CONSUMED		REMAINING ON BOARD	12194	ON HAND		CONSUMED		
2000 TO 2400	1	1200	420		9	120	110		61	800	800	240	RECEIVED DURING DAY			ON HAND AT START OF DAY		ON HAND		ON HAND		ON HAND		
													EVAPORATED OR RECEIVED			EVAPORATED OR RECEIVED		RECEIVED		RECEIVED		RECEIVED		
2400 TO 0400	1	1200	420		9	120	110		62	1100	1100	240	ON HAND			ON HAND		CONSUMED		CONSUMED		CONSUMED		
													CONSUMED			CONSUMED								
0400 TO 0800	1	1200	420		9	120	110		63	1100	1100	240	LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)											
0800 TO 1200	1	1200	420		9	120	110		62	1000	1000	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		PROPELLER SLIP (%)									
													DETENTION TIME		BBL FUEL/MI									
													TOTAL REVOLUTIONS		WIND DIRECTION									
													AVERAGE R.P.M.		STATE OF SEA									
													TOTAL MILES BY ENGINE		STATE OF WEATHER									
													TOTAL MILES BY OBSERVATION											

1200-1600 WATCH

AT ANCHOR - MAINTAINING VACUUM ON MN. UNIT - MACHINERY IN OPERATION -
 #1 & #2 BOILERS - #1 & #2 F.D. FANS - #1 D.C. GEN. - #1 F.O. SERVICE PUMP - #1 & #2 M.V. COND. PUMPS -
 #1 M.V. COND. PUMP - ELECTRIC L.O. SERVICE PUMP - L.O. PURIFIER - M.V. CIRC. PUMP - AUX. CIRC. PUMP -
 F.W. PUMP - M.V. AIR COMPRESSOR - M.V. & CONT. EVAP. - REPLACED BUBBLER GLASS ON MN. UNIT -
 OPENED H.P. DRAINS ON MN. UNIT - SECURED PORT STEERING MOTOR @ 1415 - ROUTINE TESTS
 & INSPECTIONS.

F.O.M. P-5053010 S-1742140

WATCH ENGR'S SIGNATURE -

William M. Leggett

1600-2000 WATCH

OPERATION & MACH. AS OF PREVIOUS WATCH:

BLEW TUBES P/S BOILERS:

BLEW DOWN M.V. & CONT. EVAP.:

ROUTINE WATCH

COMPLIED W/DEPT ORDERS

WATCH ENGR'S SIGNATURE -

Cliffrey

2000-2400 WATCH

AS BEFORE.

CHANGED AND CLEANED F.O. DISCH. STRAINERS,

CHANGED OVER SETTS @ 2400.

J.R. ENG. LYN. OILER CLEMONS. F.W.T. HASSEY.

2400-0400 WATCH

SAME AS BEFORE

CLEARED BILGE SUCTION LINE TO SLUDGE TANK.

ADDED PACKING TO ASTERN GUARDING VALVE.

COMPLIED WITH NITE & STANDING ORDERS.

ROUTINE TESTS & INSPECTIONS

WATCH ENGR'S SIGNATURE -

Rgn C. O'Jen

0400-0800 WATCH

OPER. AS BEFORE:

ROUTINE WATCH

WATCH ENGR'S SIGNATURE -

William M. Leggett

0800-1200 WATCH

AS BEFORE:

BLEW TUBES P-S BOILERS. CHANGED AND CLEANED F.O. DISCH. STRAINERS.

CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN.

CHANGED OVER SETTS @ 1200.

WATCH ENGR'S SIGNATURE -

Cliffrey

WATCH ENGR'S SIGNATURE -

Rgn C. O'Jen

CHIEF ENGINEER		
21	PORT	STARBOARD
PA	9.93	8.76
TA	13.43	11.68
CH	11.60	8.89
PH	60	60
SH	494	540

CHIEF ENGR'S SIGNATURE -

M. Johnson

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
GEN. JOHN POPE TAP110		1C		QUIN NHON, VIETNAM		VUNG TAU		P2-52R2		12-21/22-65			
WATCH													
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200						
RUNNING TIME				80	240	240							
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)				7455	7458	7460							
TOTAL REVOLUTIONS (FOR WATCH)				8880	2310	5750							
AVERAGE RPM				94.6	97.6	97.6							
F.O. METER (END OF WATCH)		P 5064630	54760	54940	55550	56750	57960						
F.O. CONSUMED		S 1743520	43660	43830	44400	45570	46720						
PRESSURES													
THROTTLE								440	450				
H.P. AHEAD								425	440				
L.P. AHEAD									680				
VACUUM		28.0"	28.	28"	28.0"	28	28"						
L.O. TO TURBINES		12	11	11	12	12.7	12.5						
AUX. STEAM		150	150	150	150	155	160						
BACK PRESSURE		9	9	9	9	10	10						
GLAND STEAM		3	3	3	3	4	4						
H.P. BLEEDER								70	70				
I.P. BLEEDER								8	8.5				
L.P. BLEEDER								10	10				
TEMPERATURES													
STEAM AT THROTTLE													
L. P. EXHAUST		129	120	117	115	118	108						
CONDENSATE		85	80	86	104	105	106						
CIRC. WATER IN		80	80	80	81	81	81						
CIRC. WATER OUT		82	82	82	92	92	92						
L.O. TO COOLERS		114	114	114	115	127	128						
L.O. FROM COOLERS		112	110	110	110	110	110						
TEMPERATURE THRUST BEARING								117	120				
FORWARD H.P. ROTOR BEARING								134	145				
AFT. H.P. ROTOR BEARING								138	135				
FORWARD L.P. ROTOR BEARING								130	135				
AFT. L.P. ROTOR BEARING								127	130				
MACH. PARTICULARS (CONT'D)													
HOTTEST GEAR BEARING FORWARD										147	145		
HOTTEST GEAR BEARING AFT										145	150		
AUX. COND. CONDENSATE		85	86	86	104	105	106						
1ST STAGE FEED WATER HEATER			97	100		162	165						
D. C. FEED WATER HEATER		242	240	244	238	243	244						
3RD STAGE FEED WATER HEATER													
TEMPERATURES													
SUPER HEAT		P	635	630	620		725	725					
		S	530	520	540		625	625					
F.O. TO BURNERS			160	150	145		145	145					
AIR TO FURNACE		P		120	120		130	136					
		S		120	120		130	136					
F.O. TEMP. IN SETTLING TANKS		P	106	110	110		108	112					
		S	104	108	110		110	110					
PORT BOILER UPTAKE			270	265	260		320	320					
STBD. BOILER UPTAKE			230	220	240		250	250					
PRESSURES													
F. O. BACK PRESSURE													
MAIN STEAM			430	430	430		460	450					
F.O. TO BURNERS			90	90	90		145	145					
MISCELLANEOUS													
MAIN COND. SALINITY			0.41	0.41	0.41		0.41	0.41					
ENGINE ROOM TEMPERATURE			94	94	94		95	98					
FIRE ROOM TEMPERATURE			98	94	94		95	98					
NOZZLES IN USE													
NO. OF BURNERS IN USE		P	1	1	1		3	3					
		S	1	1	1		3	3					
BURNER TIP SIZE		P	53/60	53/60	53/60		53/20	53/20					
		S	53/60	53/60	53/60		53/20	53/20					
CO ₂ % PORT BOILER													
CO ₂ % STBD. BOILER													
OIL LEVEL MAIN SUMP			NORM	IV	N		N	N					
GENERATORS													
WATCH		GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600		1	1200	420		9	125	115		62	1100	1100	240
1600 TO 2000		1	1200	420		9	120	110		63	1050	1050	240
2000 TO 2400		1	1200	420		9	120	110		62	1000	1000	240
2400 TO 0400		1	1200	420		9	121	110		62	1200	1200	240
0400 TO 0800		1	1200	420		9	120	110		63	1200	1200	240
0800 TO 1200		1	1200	430		9	120	110		61	1100	1100	240
FUEL - WATER AND LUBE OIL													
FUEL OIL		METER AT NOON 57960/46720						ON HAND AT START OF DAY					
		METER PREVIOUS NOON 54380/40300						EVAPORATED OR RECEIVED					
		CONSUMED BY METER 3580/3420						ON HAND					
		ON HAND AT START OF DAY 12194						CONSUMED					
		RECEIVED DURING DAY						ON HAND AT START OF DAY					
		EXPENDED DURING DAY 167/237						RECEIVED					
		REMAINING ON BOARD 11790						ON HAND					
DOMESTIC WATER		ON HAND AT START OF DAY						CONSUMED					
		EVAPORATED OR RECEIVED						ON HAND					
		ON HAND						RECEIVED					
		CONSUMED						CONSUMED					
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)													
L.O. CENTRIFUGE - HOURS OPERATED													
1200 TO 1600		4	R.C.H.	4	4	4	4						
SUMMARY													
RUNNING TIME								PROPELLER SLIP (%)					
DETENTION TIME								BBL FUEL/MI					
TOTAL REVOLUTIONS								WIND DIRECTION					
AVERAGE R.P.M.								STATE OF SEA					
TOTAL MILES BY ENGINE								STATE OF WEATHER					
TOTAL MILES BY OBSERVATION													

REMARKS

1200-1600 WATCH

AT ANCHOR MAINTAINING VACUUM ON MAIN UNIT - MACH'Y IN OPERATION - #1 & #2 BOILERS -
 #1 & #2 F.D. FANS - #1 D.C. GEN - #1 & #2 M.V. F.D. PUMPS - #1 F.O. SERVICE PUMP - M.V. CIRC. PUMP - AUX.
 CIRC. PUMP - ELEC. L.O. SERVICE PUMP - L.O. PURIFIER - #1 COND. PUMP - F.W. PUMP - M.V. AIR
 COMPRESSOR - M.H. & CONT. EVAPS -
 M.H.F. SUCTION FROM #1 STBD. - ROUTINE TESTS & INSPECTIONS -

F.O.M. - P-5064630

S-1743520

WATCH ENGR'S SIGNATURE

William M. Leggett

1600-2000 WATCH

REMARKS AS ABOVE:

ROUTINE WATCH:

COMPLIED W/DEPT ORDERS:

BLEW TUBES P/S BOILERS

WATCH ENGR'S SIGNATURE

C. W. Frey

2000-2400 WATCH

AS BEFORE:

CHANGED OVER AND CLEANED M.V. L.O. STRAINER.

CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN.

CHANGED AND CLEANED F.O. DISCH. STRAINERS.

COMPLIED WITH NIGHT AND STANDING ORDERS.

CHANGED OVER SETTS @ 2400

WATCH ENGR'S SIGNATURE

R. E. Nelson

2400-0400 WATCH

UNDERWAY 16 NOZZLES - TIME CHECK W/BRIDGE @ 0004 - SCREEN CLEARANCE @ 0013 -
 TESTED TELEGRAPH @ 0031 - STEERING ENGINE MANNED - STBY @ 0143 F.O.M. P-5055080
 S-1743960 C-74550620 - DEPARTURE @ 0220 C-7455131 - INCREASED SPEED TO
 16 NOZZLES - BELLS AS PER BELL BOOK - TEMPERATURES VARIOUS -

C-74558880 F.O.M. P-5055550 S-1744400

WATCH ENGR'S SIGNATURE

0400-0800 WATCH

AS BEFORE:

ROUTINE WATCH

WATCH ENGR'S SIGNATURE

C. W. Frey

0800-1200 WATCH

AS BEFORE, EXCEPT PORT M.V. F.D. PUMP.

BLEW TUBES P-S BOILERS. CHANGED AND CLEANED F.O. SUCTION AND DISCH. STRAINERS.

NO. 2 LIFEBOAT O.K. NO. 1 LIFEBOAT OUT OF SERVICE. PORT F.D. PUMP ON HAND CONTROL @ 0945.

CHANGED OVER SETTS @ 1200.

WATCH ENGR'S SIGNATURE

R. E. Nelson

CHIEF ENGINEER

22	PORT	STBD
PA	8.18	8.96
TA	14.60	11.68
CH	12.43	9.94
PH	70	70
SH	518	564

CHIEF ENGR'S SIGNATURE

R. E. Nelson

REMARKS

1200-1600 WATCH

UNDERWAY 16 NOZZLES - MACH IN OPERATION - #1 & #2 BOILERS - #1 & #2 F.D. FANS -
 #1 D.C. GEN - #1 & #2 M.V. F.D. PUMP - #1 F.O. SERVICE PUMP - M.V. Circ. Pump - Aux Circ. Pump -
 #1 M.V. COND. PUMP - ELEC. L.O. SERVICE PUMP - L.O. PURIFIER - M.V. AIR COMPRESSOR - M.V. &
 CONT. EVAPS - PORT STEERING MOTOR - F.W. PUMP - / ROUTINE TESTS & INSPECTIONS -

C-74629030 FOM P-5059180 S-1747860

WATCH ENGR'S SIGNATURE

William W. Sargent

1600-2000 WATCH

MACH AS BEFORE EXCEPT EXTRACTION VALVES & C NOZZLES SECURED
 80 RPM @ 1615 B/O BRIDGE: ARRIVAL 1620; BELLS AS PER BELL BOOK;
 CTR 74632840 P-F.O.M. 5059390 S-F.O.M. 1748040: FWE @ 1734,
 CTR 74636010, P-F.O.M. 5059430, S-F.O.M. 1748100: AT 1734 THERE WAS
 A HEAVY SHARP SOUND IN GENERAL AREA OF AFTER STD ENG. JACKING GEAR ENGAGED -
 BLEW DOWN M.V. & CONT EVAPS: Regular in-port operation SAME NOISE SOUND
 AGAIN @ 1745:

WATCH ENGR'S SIGNATURE

CW Frey

2000-2400 WATCH

CHANGED FROM LOW TO HIGH SUCTION. M.V. INJECTION @ 2015. MASTER CALLED @ 2025
 AND INFORMED WATCH ENGR. THAT SHARP SOUNDS IN ENG RM. ARE CAUSED BY HAND
 GRENADES BEING DROPPED FROM BOW AND STERN, ATT. ENG. RM. NOTIFIED.
 AS BEFORE: COMPLIED WITH NIGHT AND STANDING ORDERS, MAINTAINING VACUUM ON M.V.
 UNIT. CHANGED OVER SETTS @ 2400.

WATCH ENGR'S SIGNATURE

Roger C. Nafziger

2400-0400 WATCH

SAME AS BEFORE - CLEANED L.O. PURIFIER - BACK ON SUMP TO SUMP - CLEANED
 CHANGED FROM LOW TO HIGH M.V. INJECTION @ 2015. MASTER CALLED @ 2025 AND INFORMED
 WATCH ENGR. THAT SHARP SOUNDS IN ENG RM. ARE CAUSED BY HAND GRENADES BEING DROPPED FROM
 BOW AND STERN, ATT. ENG. RM. NOTIFIED, R.C.N.

M.V. UNIT L.O. STRAINERS - ROUTINE TESTS & INSPECTIONS - COMPLIED WITH NITE ORDERS -

WATCH ENGR'S SIGNATURE

William W. Sargent

0400-0800 WATCH

OPER. AS BEFORE:
 XTRA F.D. DW DB TK.
 ROUTINE WATCH

WATCH ENGR'S SIGNATURE

CW Frey

0800-1200 WATCH

BLEW TUBES P-S BOILERS. CHANGED AND CLEANED F.O. SUCTION, AND DISCH.
 STRAINERS. CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN,
 CH. REEFER LIGHTING OFF A.C. UNIT @ 1115.
 CHANGED OVER SETTS @ 1200.

DIST. D.B. TK. 3'8" @ 1200.
 CHIEF ENGINEER

WATCH ENGR'S SIGNATURE

Roger C. Nafziger

23	PORT	STBD
PA	11.68	8.76
TA	14.60	11.10
CH	13.26	9.11
PH	70	70
SH	532	588

CHIEF ENGR'S SIGNATURE

[Signature]

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
OPEN JOHN POPE TARIHO		1 D		VUNG TAY		PUSAN		P2 S2 R2		12-23/24-65	
WATCH											
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200											
RUNNING TIME 40 240 240 240 240 240											
DETENTION TIME											
REVOLUTION COUNTER (END OF WATCH) 7464 63650 85500 7470 29130 49890											
TOTAL REVOLUTIONS (FOR WATCH) 3250 21890 21850 21770 21060 20760											
AVERAGE RPM 81.2 90.2 91.0 90.7 91.9 86.5											
F.O. METER (END OF WATCH) 5060810 30430 63010 64110 65190 66260											
F.O. CONSUMED 1749300 61900 51540 52650 53760 54750											
PRESSURES											
THROTTLE 440 440 440 440 440 440											
H.P. AHEAD 430 430 430 430 430 430											
L.P. AHEAD											
VACUUM 28.0 28 28 28 28 28											
L.O. TO TURBINES 13 13 13 13 13 12.5											
AUX. STEAM 150 150 150 150 150 150											
BACK PRESSURE 9.5 9.5 9 9 9 9											
GLAND STEAM 2 2 2 2 2 3.5											
H.P. BLEEDER 70 70 66 70 70 70											
I.P. BLEEDER 7.5 7.5 7 7 7 7.2											
L.P. BLEEDER 12.5 13 13 12 13 13											
TEMPERATURES											
STEAM AT THROTTLE 710 730 730 660 660 660											
L. P. EXHAUST 105 105 107 107 110 110											
CONDENSATE 101 100 106 104 106 106											
CIRC. WATER IN 81 81 80 83 83 85											
CIRC. WATER OUT 92 90 93 92 92 92											
L.O. TO COOLERS 112 125 126 127 126 126											
L.O. FROM COOLERS 110 110 110 110 110 110											
TEMPERATURE THRUST BEARING 115 112 118 115 115 115											
FORWARD H.P. ROTOR BEARING 133 135 135 132 135 135											
AFT. H.P. ROTOR BEARING 134 135 136 135 135 135											
FORWARD L.P. ROTOR BEARING 124 120 124 123 125 125											
AFT. L.P. ROTOR BEARING 126 125 130 126 125 125											
MACH. PARTICULARS (CONT'D)											
HOTTEST GEAR BEARING FORWARD 142 140 146 242 140 140											
HOTTEST GEAR BEARING AFT 144 145 142 144 145 145											
AUX. COND. CONDENSATE 101 100 106 104 106 106											
1ST STAGE FEED WATER HEATER 158 160 161 158 160 160											
D. C. FEED WATER HEATER 242 242 240 241 242 240											
3RD STAGE FEED WATER HEATER											
TEMPERATURES											
SUPER HEAT P 730 730 715 695 700 700											
S 630 630 610 595 620 620											
F.O. TO BURNERS 145 145 145 145 145 145											
AIR TO FURNACE P 135 135 131 136 133 133											
S 135 135 136 136 133 133											
F.O. TEMP. IN SETTLING TANKS P 108 94 95 106 112 112											
S 106 108 100 104 110 90											
PORT BOILER UPTAKE 315 320 310 295 300 300											
STBD. BOILER UPTAKE 245 245 240 235 240 240											
PRESSURES											
F. O. BACK PRESSURE											
MAIN STEAM 460 460 460 460 460 460											
F.O. TO BURNERS 140 140 140 130 130 130											
MISCELLANEOUS											
MAIN COND. SALINITY 0.41 0.41 0.41 0.41 0.41 0.41											
ENGINE ROOM TEMPERATURE 100 100 93 94 97 94											
FIRE ROOM TEMPERATURE 106 100 102 106 105 105											
NOZZLES IN USE 14 14 14 14 14 14											
NO. OF BURNERS IN USE P 3 3 3 3 3 3											
S 3 3 3 3 3 3											
BURNER TIP SIZE P 53/80 53/70 53/90 53/20 53/70 53/70											
S 53/70 53/20 53/90 53/20 53/70 53/70											
CO2 % PORT BOILER 13 13 13 13 13 13											
CO2 % STBD. BOILER 13.5 13.5 13.5 13.5 13.5 13.5											
OIL LEVEL MAIN SUMP NORM N N NORM N N											
GENERATORS											
WATCH GENERATOR NUMBER R.P.M. STEAM PRESSURE STEAM TEMP. L.O. PRESSURE L.O. TO COOLER L.O. FROM COOLER TEMP. OF HOTTEST BEARING L.O. GOVERNOR PRESSURE AMPS POSITIVE AMPS NEGATIVE VOLTS											
1200 TO 1600 1 1200 430 9 120 111 62 1150 1050 240											
1600 TO 2000 1 1200 430 9 120 110 63 1350 1350 240											
2000 TO 2400 1 1200 430 9 120 110 62 R.C. 240											
2400 TO 0400 1 1200 430 9 120 110 62 1150 1150 240											
0400 TO 0800 1 1200 430 9 120 110 63 1250 1250 240											
0800 TO 1200 1 1200 430 9 120 110 61 1250 1250 240											
FUEL - WATER AND LUBE OIL											
METER AT NOON 66260/54750											
METER PREVIOUS NOON 60370/48870											
CONSUMED BY METER 5890/5860											
ON HAND AT START OF DAY 11540											
RECEIVED DURING DAY											
EXPENDED DURING DAY 279/335											
REMAINING ON BOARD 10927											
ON HAND AT START OF DAY											
EVAPORATED OR RECEIVED											
ON HAND											
CONSUMED											
ON HAND AT START OF DAY											
RECEIVED											
ON HAND											
CONSUMED											
ON HAND AT START OF DAY											
EVAPORATED OR RECEIVED											
ON HAND											
RECEIVED											
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 4 4 4 4											
SUMMARY											
RUNNING TIME 24/1415											
DETENTION TIME											
TOTAL REVOLUTIONS 126610											
AVERAGE R.P.M. 87.9											
TOTAL MILES BY ENGINE 472											
TOTAL MILES BY OBSERVATION 1600											

REMARKS

1200-1600 WATCH

Machinery in operation - #1 & #2 Boilers - #1 & #2 F.D. Fans - #1 & #2 M.W. FD Pumps - #1 D.C. GEN. - #1 L.O. Service Pump - Aux Circ. & M.W. Circ. Pump - L.O. Purifier - Elec. L.O. Service Pump - M.W. Air Compressor - Port Steering Motor - F.W. Pump - Screw Check Valve @ 1250 - TESTED E.R. TELEGRAPH @ 1302 - STBY @ 1421 - STEERING RM. MANNED @ 1422 - FOM. P-5060570 S-1749040 - C-74636790 - DEPT. @ 1500 14 NOZZLES - FOM. P-5060650 S-1749130 C-74638510 - BELLS AS PER BELL BOOK -

TEMPERATURES & PRESSURES VARIOUS -

C-74641760 FOM. P-5060810 S-1749300

WATCH ENGR'S SIGNATURE -

William W. Leggett

1600-2000 WATCH

UNDERWAY AS ABOVE: FWD LP EVAR IN SERVICE; ROUTINE WATCH:

INSTRUCTED WATCH AS PER CASUALTY DRILL E-4 RUPTURED FIREMAIN (4) MEN PERTINENT INFO. FROM ENGINEERING CASUALTY DRILL READ BY EACH: COMPLIED W/PORT GRADIS

WATCH ENGR'S SIGNATURE -

C. W. Frey

2000-2400 WATCH

CONDUCTED ENGR. CASUALTY DRILL, E-4 FROM 2100 TO 2130. F.W.T. HASSEY, OILER, CLEMENS,

JR. ENGR. LYNG, AND WATCH ENGR. PARTICIPATED,

UNDERWAY AS BEFORE.

CHANGED OVER SETTS @ 2400.

WATCH ENGR'S SIGNATURE -

Reg. C. O'Brien

2400-0400 WATCH

SAME AS BEFORE - CHANGED & CLEANED F.O. DISCHARGE STRAINER - FILLED L.O. PAY TANK -

LIGHTING CIRCUIT OUT IN TROOP GALLERY - CALLED CHIEF ELECTRICIAN @ 0306 - COMPLIED WITH NITE ORDERS - ROUTINE TESTS & INSPECTIONS -

CONDUCTED CASUALTY DRILL E-4 "RUPTURED FIREMAIN" 4 MEN PRESENT - 0100 TO 0130 - BRIDGE NOTIFIED -

WATCH ENGR'S SIGNATURE -

William W. Leggett

0400-0800 WATCH

UNDERWAY AS BEFORE:

ROUTINE WATCH

WATCH ENGR'S SIGNATURE -

C. W. Frey

0800-1200 WATCH

LOST F.O. SUCTION @ 0816, CLOSED M.W. TROTTLE, CHANGED OVER TO PORT SETT, OUTBD. HI SUCTION @ 0820

BACK UP TO SPEED @ 0820, ASSISTED BY MR. NOACK AND MR. KNAPP. BLEW TUBES P-S BOILERS.

CHANGED AND CLEANED L.O. STRAINER NO 1 D.C. GEN. CHANGED AND CLEANED F.O. DISCH. STRAINERS.

PUMPED NO. 4 HOLD P-S. CHANGED OVER SETTS @ 1200.

AS BEFORE.

WATCH ENGR'S SIGNATURE -

Reg. C. O'Brien

CHIEF ENGINEER

12-4 - FIRE DRILL @ 1530 STBY @ 1530 SECURED FROM DRILL @ 1533 BOAT DRILL @ 1533
 1533 SECURED @ 1537 HH @ 1537.

24	PORT	STBD
PA	10.51	8.76
TA	14.60	10.51
CH	13.76	9.94
PH	70	60
SH	556	612

CHIEF ENGR'S SIGNATURE -

Reg. C. O'Brien

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
GEN. JOHN POPE TAP 110		10		VUNG TAY		PUSAN		P2 S2 R2		12-24/25-65 A.D.			
		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	
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)		7477		93390		15040		2483		57740		76500	
TOTAL REVOLUTIONS (FOR WATCH)		21650		21850		21650		21480		21780		18760	
AVERAGE RPM		90.2		91.0		90.3		89.5		88.4		78.2	
F.O. METER (END OF WATCH)		5067370		62860		69540		70630		71690		72630	
F.O. CONSUMED		2200		2150		2160		2190		2140		1900	
PRESSURES		THROTTLE		440		440		440		440		440	
		H.P. AHEAD		430		430		430		430		430	
		L.P. AHEAD		14		14		14		14		14	
		VACUUM		27.5"		27.4		27.5"		27.5"		27.8"	
		L.O. TO TURBINES		12		12		12		12		12.4	
		AUX. STEAM		150		150		150		150		150	
		BACK PRESSURE		9		9		9		9		9	
		GLAND STEAM		2.5		2.5		2.5		2.5		2.5	
		H.P. BLEEDER		72		72		72		72		73	
		I.P. BLEEDER		6		6		7		7		7	
		L.P. BLEEDER		12		13		13		13		13	
TEMPERATURES		STEAM AT THROTTLE		710		695		664		700		690	
		L. P. EXHAUST		107		106		105		105		105	
		CONDENSATE		105		101		104		102		98	
		CIRC. WATER IN		82		83		83		81		80	
		CIRC. WATER OUT		92		91		91		90		90	
		L.O. TO COOLERS		125		125		124		125		122	
		L.O. FROM COOLERS		110		110		110		110		108	
		TEMPERATURE THRUST BEARING		117		115		115		116		115	
		FORWARD H.P. ROTOR BEARING		134		130		135		132		130	
		AFT. H.P. ROTOR BEARING		136		135		135		132		130	
		FORWARD L.P. ROTOR BEARING		124		120		124		120		120	
		AFT. L.P. ROTOR BEARING		127		124		125		127		125	
MACH. PARTICULARS (CONT'D)		HOTTEST GEAR BEARING FORWARD		142		140		140		142		140	
		HOTTEST GEAR BEARING AFT		141		144		145		140		142	
		AUX. COND. CONDENSATE		105		101		104		102		98	
		1ST STAGE FEED WATER HEATER		160		158		160		160		158	
		D. C. FEED WATER HEATER		239		242		240		242		235	
		3RD STAGE FEED WATER HEATER											
TEMPERATURES		SUPER HEAT		P 710		695		700		710		700	
				S 630		620		625		610		610	
		F.O. TO BURNERS		150		145		145		145		145	
		AIR TO FURNACE		P 136		135		133		134		130	
				S 136		135		133		134		130	
		F.O. TEMP. IN SETTLING TANKS		P 108		102		110		106		110	
				S 106		100		100		104		110	
		PORT BOILER UPTAKE		315		295		300		315		300	
		STBD. BOILER UPTAKE		235		245		230		245		235	
PRESSURES		F. O. BACK PRESSURE											
		MAIN STEAM		460		460		460		460		460	
		F.O. TO BURNERS		130		120		120		130		125	
MISCELLANEOUS		MAIN COND. SALINITY		0.41		0.41		0.41		0.41		0.41	
		ENGINE ROOM TEMPERATURE		93				90		90		87	
		FIRE ROOM TEMPERATURE		103				99		100		99	
		NOZZLES IN USE		14		14		14		14		14	
		NO. OF BURNERS IN USE		P 3		3		3		3		3	
				S 3		3		3		3		3	
		BURNER TIP SIZE		P 53/70		53/70		53/70		53/70		53/70	
				S 53/70		53/70		53/70		53/70		53/70	
		CO2 % PORT BOILER				12		12		12		12	
		CO2 % STBD. BOILER				12		12		12.5		12.5	
		OIL LEVEL MAIN SUMP		NORM		N		N		NORM		N	
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		1		1200		430				9		122	
1600 TO 2000		1		1200		430				9		120	
2000 TO 2400		1		1200		430				9		120	
2400 TO 0400		1		1200		430				9		120	
0400 TO 0800		1		1200		430				9		120	
0800 TO 1200		1		1200		430				9		120	
FUEL OIL		METER AT NOON		2000/61130									
		METER PREVIOUS NOON		62160/34750									
		CONSUMED BY METER		6270/6380									
		ON HAND AT START OF DAY		10927									
		RECEIVED DURING DAY											
		EXPENDED DURING DAY		287/021									
		REMAINING ON BOARD		10319									
BOILER WATER		ON HAND AT START OF DAY											
		EVAPORATED OR RECEIVED											
		ON HAND											
		CONSUMED											
LUBE OIL		ON HAND AT START OF DAY											
		RECEIVED											
		ON HAND											
		CONSUMED											
DOMESTIC WATER		ON HAND AT START OF DAY											
		EVAPORATED OR RECEIVED											
		ON HAND											
		CONSUMED											
DIESEL OIL		ON HAND AT START OF DAY											
		RECEIVED											
		ON HAND											
		CONSUMED											
LOW PRESS. EVAPORATORS (No. of hrs. operated) (Fresh water made gals.)													
L.O. CENTRIFUGE - HOURS OPERATED		1200 TO 1600		1600 TO 2000		2000 TO 2400		2400 TO 0400		0400 TO 0800		0800 TO 1200	
		4		4		4		4		4		4	
SUMMARY		RUNNING TIME											
		DETENTION TIME											
		TOTAL REVOLUTIONS											
		AVERAGE R.P.M.											
		TOTAL MILES BY ENGINE											
		TOTAL MILES BY OBSERVATION											

1200-1600 WATCH

UNDERWAY 14 NOZZLES - MACHINERY IN OPERATION - #1 & #2 BOILERS - #1 & #2 F.D. FANS - #1 D.C. GEN. - #1 & #2 MN. F.D. PUMP - #1 F.O. SERVICE PUMP - MN. CIRC. PUMP - AUX. CIRC. PUMP - ELECTRIC L.O. SERVICE PUMP - #1 MN. COND. PUMP - MN. AIR COMPRESSOR - L.O. PURIFIER - FW PUMP - PORT STEERING MOTOR - MIL & CONTAMINATED EMPS - ADDED 2 GAL. L.O. TO #2 MN. F.D. PUMP SUMP - ROUTINE TESTS & INSPECTIONS.

C-74271540 FOM. P-5067390 S-1755820

1600-2000 WATCH

UNDERWAY AS BEFORE:

BLEW TUBES P/S BOILERS:

ROUTINE WATCH

COMPLIED W/DEPT ORDERS

WATCH ENGR'S SIGNATURE-

William W. Leggett

2000-2400 WATCH

DULL HEAVY SOUND IN GENERAL AREA OF AFT. STBD. ENG. RM. @ 2006:10 CHANGED AND CLEANED F.O. SUCTION AND DISCH. STRAINERS. CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN. CHANGED OVER SETTS @ 2400 FROM NO. 3 STBD. INBD. TO NO. 4 PORT OUTBD. HI SUCTION.

WATCH ENGR'S SIGNATURE-

C. W. Fry

2400-0400 WATCH

UNDERWAY AS BEFORE - EXCESSIVE OIL LEAK AT PLATE ON LOWER CONTROL PISTON PORT F.D. PUMP - TIGHTENED SAME TO DECREASE LEAKAGE - ADDED 5 GAL. L.O. TO PORT F.D. PUMP SUMP - COMPLIED WITH NITE ORDERS - ROUTINE TESTS & INSPECTIONS.

WATCH ENGR'S SIGNATURE-

Bryan C. Nelson

0400-0800 WATCH

UNDERWAY AS BEFORE:

ADDED PACKING TO #6 SIDE ROD STUFFING BOX AND ADDED 3 GAL. L.O. TO #2 MN. FEED PUMP:

ROUTINE WATCH

WATCH ENGR'S SIGNATURE-

William W. Leggett

0800-1200 WATCH

BLEW TUBES P-S BOILERS. CUT OUT 4 NOZZS. AND ON THE BLOCK @ 0830. B/O BRIDGE. AFT. ENG. RM. NOTIFIED. BRIDGE REPORTED LEAK IN FIRE MAIN, 03 LEVEL, FRAME 113 @ 0845, NOTIFIED MR. KNAPP DAY 2ND ENGR. @ 0846. NO. 2 LIFEBOAT TESTED AND O.K. NO. 1 OUT OF SERVICE. STBY @ 0920. HALF AND. @ 0922 FULL AND. @ 60 P.P.H. @ 0932. STBY @ 0933. ON THE BLOCK @ 0950. CHANGED AND CLEANED F.O. SUCTION AND DISCH. STRAINERS. CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN.

WATCH ENGR'S SIGNATURE-

C. W. Fry

CHANGED OVER SETTS FROM NO. 4 PORT OUTBD. TO NO. 3 STBD. INBD. @ 1200

CHIEF ENGINEER

WATCH ENGR'S SIGNATURE-

Bryan C. Nelson

25	PORT	STBD
PA	11.68	9.35
TA	14.60	11.68
CH	13.26	11.60
PH	70	70
SH	580	636

CHIEF ENGR'S SIGNATURE-

W. J. Hannon

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE																																																																																												
Great John Page Top 110		10		VANG TAU		PUSAN		PLS2R2		12-25/26-65																																																																																												
WATCH																																																																																																						
<table><tr><td>1200 TO 1600</td><td>1600 TO 2000</td><td>2000 TO 2400</td><td>2400 TO 0400</td><td>0400 TO 0800</td><td>0800 TO 1200</td></tr></table>												1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200																																																																																					
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1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200																																																																																																	
RUNNING TIME		240 240 240 240 240 240				HOTTEST GEAR BEARING FORWARD		140 135 130 145 144 140																																																																																														
DETENTION TIME						HOTTEST GEAR BEARING AFT		140 137 135 143 144 145																																																																																														
REVOLUTION COUNTER (END OF WATCH)		7489 7300 16600 33490 7495 7360 7499 6110				AUX. COND. CONDENSATE		100 92 92 100 105 102																																																																																														
TOTAL REVOLUTIONS (FOR WATCH)		20800 19300 16880 18290 21890 22430				1ST STAGE FEED WATER HEATER		160 155 155 156 160 160																																																																																														
AVERAGE RPM		86.7 80.4 70.3 83.1 91.2 93.5				D. C. FEED WATER HEATER		242 240 240 240 242 240																																																																																														
F.O. METER (END OF WATCH)		P 5073710 74670 75480 76360 77450 78600 S 176250 63200 63980 64850 66020 67270				3RD STAGE FEED WATER HEATER																																																																																																
F.O. CONSUMED		2200 1930 1590 1750 2260 2400																																																																																																				
PRESSURES		THROTTLE		440 440 440 440 440 440				SUPER HEAT		P 710 710 720 720 715 720 S 615 610 580 610 600 620																																																																																												
		H.P. AHEAD		430 430 272 230 430 430				F.O. TO BURNERS		145 145 145 150 145 145																																																																																												
		L.P. AHEAD		15 5 3.5 14 19 19				AIR TO FURNACE		P 132 132 126 128 129 128 S 132 132 126 128 129 128																																																																																												
		VACUUM		27.5 27.5 27.6 27.5 27.5 27.5				F.O. TEMP. IN SETTLING TANKS		P 106 96 100 106 110 110 S 104 102 108 108 108 90																																																																																												
		L.O. TO TURBINES		13 13 12.5 13 12.5 12.5				PORT BOILER UPTAKE		305 290 280 305 310 310																																																																																												
		AUX. STEAM		150 140 140 150 150 150				STBD. BOILER UPTAKE		235 230 240 235 245 245																																																																																												
		BACK PRESSURE		9 9 9 9 9 9				F. O. BACK PRESSURE																																																																																														
		GLAND STEAM		2.5 2.0 2.0 1.5 1.5 2.0				MAIN STEAM		460 460 460 460 460 460																																																																																												
		H.P. BLEEDER		72 72 68 72 70 72				F.O. TO BURNERS		130 160 145 140 145 150																																																																																												
		I.P. BLEEDER		7 7 7 6 6.5 7				MAIN COND. SALINITY		0.41 0.41 0.41 0.41 0.41 0.41																																																																																												
L.P. BLEEDER		12 12 12 12 11 12				ENGINE ROOM TEMPERATURE		90 87 88 90																																																																																														
TEMPERATURES		STEAM AT THROTTLE		700 695 652 716 700 720				FIRE ROOM TEMPERATURE		100 98 99 99																																																																																												
		L. P. EXHAUST		103 99 100 105 107 105				NOZZLES IN USE		14 4 THROTTLE 14 16 16																																																																																												
		CONDENSATE		100 92 92 100 105 102				NO. OF BURNERS IN USE		P 3 2 2 3 3 3 S 3 2 2 3 3 3																																																																																												
		CIRC. WATER IN		78 78 80 79 80 80				BURNER TIP SIZE		P 53/70 53/70 53/70 53/70 53/70 53/70 S 53/70 53/70 53/70 53/70 53/70 53/70																																																																																												
		CIRC. WATER OUT		89 86 86 90 92 90				CO2 % PORT BOILER		13 13																																																																																												
		L.O. TO COOLERS		124 123 122 125 128 126				CO2 % STBD. BOILER		12.5 13																																																																																												
		L.O. FROM COOLERS		110 110 110 110 110 110				OIL LEVEL MAIN SUMP		NORM N N NORM N N																																																																																												
		TEMPERATURE THRUST BEARING		116 115 115 116 116 115																																																																																																		
		FORWARD H.P. ROTOR BEARING		131 126 125 130 133 130																																																																																																		
		AFT. H.P. ROTOR BEARING		135 120 130 136 135 135																																																																																																		
FORWARD L.P. ROTOR BEARING		115 116 115 113 122 120																																																																																																				
AFT. L.P. ROTOR BEARING		126 124 125 130 126 125																																																																																																				
GENERATORS																																																																																																						
<table><tr><td>WATCH</td><td>GENERATOR NUMBER</td><td>R.P.M.</td><td>STEAM PRESSURE</td><td>STEAM TEMP.</td><td>L.O. PRESSURE</td><td>L.O. TO COOLER</td><td>L.O. FROM COOLER</td><td>TEMP. OF HOTTEST BEARING</td><td>L.O. GOVERNOR PRESSURE</td><td>AMPS POSITIVE</td><td>AMPS NEGATIVE</td><td>VOLTS</td></tr><tr><td>1200 TO 1600</td><td>1</td><td>1200</td><td>430</td><td></td><td>9</td><td>119</td><td>108</td><td></td><td>63</td><td>1200</td><td>1200</td><td>240</td></tr><tr><td>1600 TO 2000</td><td>1</td><td>1200</td><td>430</td><td></td><td>9</td><td>120</td><td>110</td><td></td><td>63</td><td>1100</td><td>1100</td><td>240</td></tr><tr><td>2000 TO 2400</td><td>1</td><td>1200</td><td>430</td><td>R.C.M.</td><td>9</td><td>120</td><td>110</td><td></td><td>63</td><td>1100</td><td>1100</td><td>240</td></tr><tr><td>2400 TO 0400</td><td>1</td><td>1200</td><td>430</td><td></td><td>9</td><td>120</td><td>110</td><td></td><td>62</td><td>1100</td><td>1100</td><td>240</td></tr><tr><td>0400 TO 0800</td><td>1</td><td>1200</td><td>430</td><td></td><td>9</td><td>120</td><td>110</td><td></td><td>63</td><td>1200</td><td>1200</td><td>240</td></tr><tr><td>0800 TO 1200</td><td>1</td><td>1200</td><td>430</td><td></td><td>9</td><td>120</td><td>110</td><td></td><td>61</td><td>1150</td><td>1150</td><td>240</td></tr></table>												WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS	1200 TO 1600	1	1200	430		9	119	108		63	1200	1200	240	1600 TO 2000	1	1200	430		9	120	110		63	1100	1100	240	2000 TO 2400	1	1200	430	R.C.M.	9	120	110		63	1100	1100	240	2400 TO 0400	1	1200	430		9	120	110		62	1100	1100	240	0400 TO 0800	1	1200	430		9	120	110		63	1200	1200	240	0800 TO 1200	1	1200	430		9	120	110		61	1150	1150	240
WATCH	GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS																																																																																										
1200 TO 1600	1	1200	430		9	119	108		63	1200	1200	240																																																																																										
1600 TO 2000	1	1200	430		9	120	110		63	1100	1100	240																																																																																										
2000 TO 2400	1	1200	430	R.C.M.	9	120	110		63	1100	1100	240																																																																																										
2400 TO 0400	1	1200	430		9	120	110		62	1100	1100	240																																																																																										
0400 TO 0800	1	1200	430		9	120	110		63	1200	1200	240																																																																																										
0800 TO 1200	1	1200	430		9	120	110		61	1150	1150	240																																																																																										
FUEL - WATER AND LUBE OIL																																																																																																						
<table><tr><td colspan="2">FUEL OIL</td><td colspan="2">BOILER WATER</td><td colspan="2">LUBE OIL</td><td colspan="2">DIESEL OIL</td></tr><tr><td>METER AT NOON</td><td>78600/67270</td><td>ON HAND AT START OF DAY</td><td></td><td>ON HAND AT START OF DAY</td><td></td><td>ON HAND AT START OF DAY</td><td></td></tr><tr><td>METER PREVIOUS NOON</td><td>72630/61130</td><td>EVAPORATED OR RECEIVED</td><td></td><td>RECEIVED DURING DAY</td><td></td><td>RECEIVED</td><td></td></tr><tr><td>CONSUMED BY METER</td><td>5970/6140</td><td>ON HAND</td><td></td><td>EXPENDED DURING DAY</td><td>288/317</td><td>ON HAND</td><td></td></tr><tr><td>ON HAND AT START OF DAY</td><td>10319</td><td>CONSUMED</td><td></td><td>REMAINING ON BOARD</td><td>9745</td><td>ON HAND</td><td></td></tr><tr><td>RECEIVED DURING DAY</td><td></td><td>CONSUMED</td><td></td><td></td><td></td><td>CONSUMED</td><td></td></tr><tr><td>EXPENDED DURING DAY</td><td></td><td>CONSUMED</td><td></td><td></td><td></td><td>CONSUMED</td><td></td></tr><tr><td>REMAINING ON BOARD</td><td></td><td>CONSUMED</td><td></td><td></td><td></td><td>CONSUMED</td><td></td></tr></table>												FUEL OIL		BOILER WATER		LUBE OIL		DIESEL OIL		METER AT NOON	78600/67270	ON HAND AT START OF DAY		ON HAND AT START OF DAY		ON HAND AT START OF DAY		METER PREVIOUS NOON	72630/61130	EVAPORATED OR RECEIVED		RECEIVED DURING DAY		RECEIVED		CONSUMED BY METER	5970/6140	ON HAND		EXPENDED DURING DAY	288/317	ON HAND		ON HAND AT START OF DAY	10319	CONSUMED		REMAINING ON BOARD	9745	ON HAND		RECEIVED DURING DAY		CONSUMED				CONSUMED		EXPENDED DURING DAY		CONSUMED				CONSUMED		REMAINING ON BOARD		CONSUMED				CONSUMED																												
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4	4	4	4	4	4																																																																																																	
SUMMARY																																																																																																						
RUNNING TIME		24413.5		PROPELLER SLIP (%)																																																																																																		
DETENTION TIME				BBL FUEL/MI																																																																																																		
TOTAL REVOLUTIONS		11961		WIND DIRECTION																																																																																																		
AVERAGE R.P.M.		83.06		STATE OF SEA																																																																																																		
TOTAL MILES BY ENGINE		1246		STATE OF WEATHER																																																																																																		
TOTAL MILES BY OBSERVATION		366																																																																																																				

1200-1600 WATCH

UNDERWAY 14 NOZZLES - MACH 4 IN OPERATION - #1 & #2 BOILERS - #1 & #2 F.D. FANS - #1 D.C. GEN. - #1 & #2 M.W. FD PUMPS - #1 F.O. SERVICE PUMP - F.W. PUMP - #1 M.W. COND. PUMP - M.W. & AUX. CIRC. PUMPS - ELECTRIC L.O. SERVICE PUMP - L.O. PURIFIER - M.W. AIR COMPRESSOR - PORT STEERING MOTOR - M.U. & CONT. EVAPS - / DAY 2/4 ENG, 2 PBF ENGS, & WATCH ENGS. LET OFF A.C. UNIT @ 1345 - SECURED A.C. UNIT @ 1515 FWD OIL SEAL LEAK ON COMPRESSOR - ROUTINE TESTS & INSPECTIONS -

C-74897300 FOM. P-5073710 S-1762250

WATCH ENGR'S SIGNATURE-

William W. Suggs

1600-2000 WATCH

UNDERWAY AS BEFORE:

BLEW TUBES P/S BOILERS
SPEED CHANGES B/O BRIDGE, 4 NOZ. SEC. @ 1750, 75 RPM @ 1800: ALL EXTRACTION VALVES SECURED:
HEAT ON F.O. SETT.

ROUTINE WATCH

COMPLIED W/DEPT ORDERS

WATCH ENGR'S SIGNATURE-

C. W. Gray

2000-2400 WATCH

70 R.P.M. @ 2128. CHANGED AND CLEANED F.O. DISCH. STRAINERS,

CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN, BILGES AT SKEE LEVEL.

COMPLIED WITH NIGHT AND STANDING ORDERS, STM. OFF SETTS @ 2330.

CHANGED OVER SETTS @ 2400 FROM NO 3 STRD. INBD. TO NO 4 PORT OUTBD.

HI SUCTION.

WATCH ENGR'S SIGNATURE-

Roger C. Johnson

2400-0400 WATCH

SAME AS BEFORE EXCEPT - INCREASING SPEED AS FOLLOWS -

@ 0215 75 RPM

@ 0229 80 RPM

@ 0232 FULL THROTTLE

@ 0240 14 NOZZLES

ROUTINE TESTS & INSPECTIONS - COMPLIED WITH NITE ORDERS -

WATCH ENGR'S SIGNATURE-

William W. Suggs

0400-0800 WATCH

UNDERWAY AS BEFORE; EXCEPT INCREASED SPEED TO 16 NOZ @ 0600 B/O BRIDGE:

ROUTINE WATCH

WATCH ENGR'S SIGNATURE-

C. W. Gray

0800-1200 WATCH

BLEW TUBES P-S BOILERS, NO. 2 LIFEBOAT CHECKED OUT AND O.K., NO. 1 LIFEBOAT OUT OF SERVICE,
BRIDGE NOTIFIED @ 0909, CHANGED AND CLEANED F.O. DISCH. STRAINERS, CHANGED AND CLEANED
L.O. STRAINER NO. 1 D.C. GEN, PUMPED NO. 4 HOLD P-S.

CHANGED OVER SETTS @ 1200, FROM NO. 4 PORT OUTBD, TO NO. 3 STRD INBD, HI SUCTION.

WATCH ENGR'S SIGNATURE-

Roger C. Johnson

CHIEF ENGINEER

26	PORT	STBD
PA	10.51	9.35
TA	13.43	11.68
CH	13.67	11.60
PH	70	70
SH	604	660

CHIEF ENGR'S SIGNATURE-

Roger C. Johnson

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
GEN. JOHN ROBB TAPUO		1 D		VUNG TAY		PUSAN		P2 S2 R2		12-26/27-65			
		WATCH						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)		7501 8770		41640		7506 2680		7508 3110		03310		7512 5600	
TOTAL REVOLUTIONS (FOR WATCH)		22660		22870		21040		20430		20200		22290	
AVERAGE RPM		94.2		95.3		95.6		92.9		91.8		92.9	
F.O. METER (END OF WATCH)		178650 P 172044 S		5079760 09710		80940 70810		83140 71870		84830 72960		85430 74180	
F.O. CONSUMED		2540		2240		2200		2160		2180		2420	
PRESSURES		THROTTLE		440		440		440		440		440	
		H.P. AHEAD		430		430		430		430		430	
		L.P. AHEAD		19		19		18.5		17.5		18	
		VACUUM		28"		28"		28"		28"		28.2"	
		L.O. TO TURBINES		12.5		12.5		12.5		12		12.5	
		AUX. STEAM		150		150		150		150		150	
		BACK PRESSURE		9		9		9		9		9	
		GLAND STEAM		2		0.5		0.5		1		0.5	
		H.P. BLEEDER		66		70		66		72		70	
		I.P. BLEEDER		7		6		7		6		6	
		L.P. BLEEDER		12		10.5		10.5		11		12	
		STEAM AT THROTTLE		710		705		690		705		695	
L. P. EXHAUST		108		105		105		104		104			
CONDENSATE		104		101		100		100		97			
CIRC. WATER IN		80		80		80		76		75			
CIRC. WATER OUT		92		90		90		88		86			
L.O. TO COOLERS		127		128		126		126		127			
L.O. FROM COOLERS		110		110		110		110		110			
TEMPERATURE THRUST BEARING		117		116		115		116		116			
FORWARD H.P. ROTOR BEARING		135		130		130		130		127			
AFT. H.P. ROTOR BEARING		138		134		135		135		134			
FORWARD L.P. ROTOR BEARING		121		120		120		120		116			
AFT. L.P. ROTOR BEARING		130		126		125		126		125			
TEMPERATURES		HOTTEST GEAR BEARING FORWARD		146		143		140		144		144	
		HOTTEST GEAR BEARING AFT		145		145		145		141		143	
		AUX. COND. CONDENSATE		104		101		100		100		97	
		1ST STAGE FEED WATER HEATER		163		158		160		160		158	
		D. C. FEED WATER HEATER		240		242		240		242		240	
		3RD STAGE FEED WATER HEATER											
		SUPER HEAT		P 710		710		710		715		720	
		F.O. TO BURNERS		S 615		620		620		615		610	
		AIR TO FURNACE		P 132		130		130		126		122	
		F.O. TEMP. IN SETTLING TANKS		P 106		98		100		108		108	
		PORT BOILER UPTAKE		305		285		300		315		320	
		STBD. BOILER UPTAKE		240		240		240		230		240	
PRESSURES		F. O. BACK PRESSURE											
		MAIN STEAM		460		460		460		460		460	
		F.O. TO BURNERS		160		150		145		145		145	
		MAIN COND. SALINITY		0.41		0.41		0.41		0.41		0.41	
MISCELLANEOUS		ENGINE ROOM TEMPERATURE		90				86		82			
		FIRE ROOM TEMPERATURE		100				96		90			
		NOZZLES IN USE		16		16		16		16		16	
		NO. OF BURNERS IN USE		P 3		3		3		3		3	

1200-1600 WATCH

UNDERWAY 16 NOZZLES - MACH' IN OPERATION - #1 & #2 BOILERS - #1 & #2 F.D. FANS -
 #1 D.C. GEN - #1 & #2 M.V. F.D. PUMPS - #1 F.O. SERVICE PUMP - #1 COND. PUMP - M.V. & AUX. CIRC.
 PUMPS - ELECT. L.O. SERVICE PUMP - L.O. PURIFIER - M.V. AIR COMPRESSOR - F.W. PUMP - PORT
 STEERING MOTOR - M.V. & CONTAMINATED EVAPS / UNABLE TO PUMP E.R. BILGES -

ROUTINE TESTS & INSPECTIONS

C-75018770 FOM P-5079760 S-1776850

WATCH ENGR'S SIGNATURE-

1600-2000 WATCH

UNDERWAY AS BEFORE:

BLEW TUBES P/S BOILERS

READJUSTED G SETTINGS on Comb. Control Board to maintain EVEN F.O. PASSES ON
 EACH BOILER.

REG. ROUTINE WATCH CARRIED OUT - UNABLE TO PICK UP SUET FROM PORT ROSE BOX

COMPLIED W/DEPT ORDERS

WATCH ENGR'S SIGNATURE-

2000-2400 WATCH

UNDERWAY AS BEFORE. ADVANCED CLOCK 20 MINS. @ 2300.

CHANGED AND CLEANED F.O. DISCH. STRAINERS. CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN.

PUMPED NO. 2 HOLD PORT AND NO. 3 STBD.

COMPLIED WITH NIGHT AND STANDING ORDERS.

CHANGED OVER SETTS @ 2400 FROM NO. 3 STBD. INBD. TO NO. 4 PORT OUTBD. HI SUCTION.

WATCH ENGR'S SIGNATURE-

2400-0400 WATCH

UNDERWAY AS BEFORE - ADVANCED CLOCK 20 MIN. @ 0100 - COMPLIED WITH
 NITE ORDERS - ROUTINE TESTS & INSPECTIONS -

WATCH ENGR'S SIGNATURE-

0400-0800 WATCH

UNDERWAY AS BEFORE:

REG. ROUTINE WATCH

CLOCK ADVANCED 20 MIN @ 0500:

WATCH ENGR'S SIGNATURE-

0800-1200 WATCH

BLEW TUBES P-S BOILERS. NO. 2 LIFEBOAT CHECKED OUT AND D.K. NO. 1 OUT OF SERVICE.

CHANGED AND CLEANED F.O. DISCH. STRAINERS. CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN.

CHANGED OVER SETTS @ 1200 FROM NO. 4 PORT OUTBD. TO NO. 3 STBD. INBD. HI SUCTION.

WATCH ENGR'S SIGNATURE-

CHIEF ENGINEER

27	PORT	STBD
PA	10.51	8.76
TA	13.43	11.10
CH	13.26	10.36
PH	60	60
SH	628	684

CHIEF ENGR'S SIGNATURE-

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE			
GEN. JOHN BORG TAP 110		10		VUNG TAU		PHAN		P252R2		12-27/28-65			
WATCH													
		1200 TO 1600	1600 TO 2000	2000 TO 2400	2400 TO 0400	0400 TO 0800	0800 TO 1200						
RUNNING TIME		240	240	240	240	240	240						
DETENTION TIME													
REVOLUTION COUNTER (END OF WATCH)		7514	70720	7519	7521	7523	7526						
TOTAL REVOLUTIONS (FOR WATCH)		22170	22750	22980	23030	22180	23120						
AVERAGE RPM		92.4	94.8	95.7	95.9	92.9	96.3						
F.O. METER (END OF WATCH)		5886600	87790	88970	90130	91270	92470						
F.O. CONSUMED		2340	2360	2360	2340	2330	2420						
THROTTLE		440	440	440	440	440	440						
H.P. AHEAD		430	430	430	430	430	430						
L.P. AHEAD		13	17.5	17.5	18	18	18						
VACUUM		28.5"	28.5"	28.5"	28"	28.5"	28.5"						
L.O. TO TURBINES		12	12.5	12.5	12.5	12.5	12.5						
AUX. STEAM		150	150	150	150	150	150						
BACK PRESSURE		9	9	9	9	9	9						
GLAND STEAM		1	0.5	0.5	1	0.5	0.5						
H.P. BLEEDER		72	70	70	70	70	70						
I.P. BLEEDER		6	7	7	7	6.5	7						
L.P. BLEEDER		12	12	12	12	12	12						
STEAM AT THROTTLE		700	700	700	700	700	700						
L. P. EXHAUST		97	95	95	97	95	92						
CONDENSATE		92	89	88	93	89	84						
CIRC. WATER IN		68	69	65	69	69	68						
CIRC. WATER OUT		80	76	76	81	78	74						
L.O. TO COOLERS		126	128	130	129	129	128						
L.O. FROM COOLERS		110	110	110	110	110	110						
TEMPERATURE THRUST BEARING		116	117	120	120	117	115						
FORWARD H.P. ROTOR BEARING		125	127	125	109	129	105						
AFT. H.P. ROTOR BEARING		136	135	135	139	135	135						
FORWARD L.P. ROTOR BEARING		110	116	120	115	120	110						
AFT. L.P. ROTOR BEARING		129	127	125	129	127	125						
MACH. PARTICULARS (CONT'D)													
HOTTEST GEAR BEARING FORWARD		147	145	145	146	145	145						
HOTTEST GEAR BEARING AFT		144	144	145	141	145	145						
AUX. COND. CONDENSATE		92	89	88	93	89	84						
1ST STAGE FEED WATER HEATER		152	158	160	160	160	158						
D. C. FEED WATER HEATER		241	240	240	241	242	242						
3RD STAGE FEED WATER HEATER													
SUPER HEAT		P 700	710	710	715	715	720						
		S 605	605	620	605	600	610						
F.O. TO BURNERS		150	145	145	145	145	145						
AIR TO FURNACE		P 124	118	118	126	116	124						
		S 124	118	118	126	116	124						
F.O. TEMP. IN SETTLING TANKS		P 86	96	108	106	104	100						
		S 102	98	108	108	106	90						
PORT BOILER UPTAKE		295	295	310	305	310	305						
STBD. BOILER UPTAKE		230	235	240	240	235	235						
F. O. BACK PRESSURE													
MAIN STEAM		460	460	460	460	460	460						
F.O. TO BURNERS		140	140	140	145	145	145						
MAIN COND. SALINITY		0.41	0.41	0.41	0.41	0.41	0.41						
ENGINE ROOM TEMPERATURE		78		74	72	70	68						
FIRE ROOM TEMPERATURE		84		87	82	70	94						
NOZZLES IN USE		16	16	16	16	16	16						
NO. OF BURNERS IN USE		P 3	3	3	3	3	3						
		S 3	3	3	3	3	3						
BURNER TIP SIZE		P 53/70	53 70	53 70	53/70	53 70	53 70						
		S 53/70	53 70	53 70	53/70	53 70	53 70						
CO ₂ % PORT BOILER			12.5		12.5	12.5							
CO ₂ % STBD. BOILER			12.5		12.5	12.5							
OIL LEVEL MAIN SUMP		Normal	N	N	Normal	N	N						
MISCELLANEOUS													
GENERATORS													
WATCH		GENERATOR NUMBER	R.P.M.	STEAM PRESSURE	STEAM TEMP.	L.O. PRESSURE	L.O. TO COOLER	L.O. FROM COOLER	TEMP. OF HOTTEST BEARING	L.O. GOVERNOR PRESSURE	AMPS POSITIVE	AMPS NEGATIVE	VOLTS
1200 TO 1600		1	1200	430		9	120	110		62	1100	1100	240
1600 TO 2000		1	1200	430		9	120	110		63	1000	1000	240
2000 TO 2400		1	1200	430		9	120	110		62	1000	1000	240
2400 TO 0400		1	1200	430		9	120	110		62	1000	1000	240
0400 TO 0800		1	1200	430		9	120	110		63	1000	1000	240
0800 TO 1200		1	1200	430		9	120	110		61	1000	1000	240
FUEL - WATER AND LUBE OIL													
FUEL OIL		METER AT NOON	92470/51290	ON HAND AT START OF DAY									
		METER PREVIOUS NOON	85430/74180	EVAPORATED OR RECEIVED									
		CONSUMED BY METER	7040 7110	ON HAND									
		ON HAND AT START OF DAY	9308	CONSUMED									
		RECEIVED DURING DAY		ON HAND AT START OF DAY									
		EXPENDED DURING DAY	337/302	RECEIVED									
		REMAINING ON BOARD	8654	ON HAND									
DOMESTIC WATER		ON HAND AT START OF DAY		CONSUMED									
		EVAPORATED OR RECEIVED		ON HAND									
		ON HAND		RECEIVED									
		CONSUMED		CONSUMED									
L.O. CENTRIFUGE - HOURS OPERATED													
1200 TO 1600		3	4	4	4	4	4						
1600 TO 2000													
2000 TO 2400													
2400 TO 0400													
0400 TO 0800													
0800 TO 1200													
SUMMARY													
RUNNING TIME								PROPELLER SLIP (%)					
DETENTION TIME								BBL FUEL/MI					
TOTAL REVOLUTIONS								WIND DIRECTION					
AVERAGE R.P.M.								STATE OF SEA					
TOTAL MILES BY ENGINE								STATE OF WEATHER					
TOTAL MILES BY OBSERVATION													

REMARKS

1200-1600 WATCH

UNDERWAY 16 NOZZLES - MACH'Y IN OPERATION - #1 & #2 BOILERS - #1 & #2 F.D. FANS - #1 D.C. GEN -
 #1 & #2 M.W. FD PUMPS - #1 F.O. SERVICE PUMP - #1 M.W. COND PUMP - M.W. & AUX. CIRC PUMPS - ELECTRIC
 L.O. SERVICE PUMP - M.W. AIR COMPRESSOR - PORT STEERING MOTOR - F.W. PUMP - M.W. & COND. EXHAUST
 CLEANED L.O. PURIFIER - BACK ON SUMP TO SUMP - ROUTINE TESTS & INSPECTIONS

C-75142920 F.O.M. P-5086600 3-1775350

WATCH ENGR'S SIGNATURE-

William H. Leggett

1600-2000 WATCH

REMARKS AS ABOVE:

BLEW TUBES P/S BOILERS:

REG ROUTINE WATCH

WATCH ENGR'S SIGNATURE-

W. J. Fry

2000-2400 WATCH

CHANGED AND CLEANED F.O. DISCH. STRAINERS. CONDUCTED ENGR. CASUALTY DRILL E-5, F.W.T.
 MASSEY, OILER CLEMENS, JR. ENGR. LYNG, AND WATCH ENGR. PARTICIPATED. PUMPED NO. 4 HOLD P-S.
 AS BEFORE.

CHANGED OVER SETTS. @ 2400 FROM NO. 3 STBD. INBD. TO NO. 4 PORT OUTBD.

WATCH ENGR'S SIGNATURE-

Ryann C. Nelson

2400-0400 WATCH

SAME AS BEFORE - CONDUCTED CASUALTY DRILL E-5 - "HIGH SALINITY IN BOILER
 FEED WATER - 4 MEN PRESENT BRIDGE NOTIFIED - 0100-0130 - ROUTINE TESTS &
 INSPECTIONS - COMPLIED WITH MITE ORDERS.

ADDED 2 GAL. L.O. TO #2 FD. PUMP SUMP-

WATCH ENGR'S SIGNATURE-

William H. Leggett

0400-0800 WATCH

REMARKS AS ABOVE:

CONDUCTED CASUALTY DRILL E-5 "HIGH SALINITY IN BOILER, NOTIFIED BRIDGE:

ROUTINE WATCH:

COMPLIED W/DEPT ORDERS:

WATCH ENGR'S SIGNATURE-

W. J. Fry

0800-1200 WATCH

BLEW TUBES P-S BOILERS, NO. 2 LIFEBOAT CHECKED OUT AND O.K. NO. 1 OUT OF SERVICE.

CHANGED F.O. DISCH. STRAINERS.

CHANGED OVER SETTS @ 1200 FROM NO. 4 PORT OUTBD. TO NO. 3 STBD. INBD. HI SUCTION.

WATCH ENGR'S SIGNATURE-

Ryann C. Nelson

CHIEF ENGINEER

28	PORT	STBD
PA	10.51	8.18
TA	13.43	10.51
CH	13.26	10.36
PH	60	15
SH	652	708

CHIEF ENGR'S SIGNATURE-

W. J. Fry

1200-1600 WATCH

MACHINERY IN OPERATION - #1 & #2 BOILERS - #1 & #2 F.D. FANS - #1 D.C. GEN - #1 & #2 M.V. F.D. PUMPS -
 #1 F.O. SERVICE PUMP - #1 M.V. COND. PUMP - M.V. & AUX. CIRC. PUMP - M.V. AIR COMP. - FALKE L.O. SERVICE
 PUMP - F.W. PUMP - M.V. & CONT. VALVES - / MANEUVERING TO DOCK @ PISAN - STBY @ 1300 CLOSED
 6 NOZZLES - ARR. @ 1312 70 RPM. C-75271650 FOM P-5092910 S-1781720 - BELLS
 AS PER BELL BOOK - F.W.E. @ 1410 - C-75272970

WATCH ENGR'S SIGNATURE-

William H. Segel

1600-2000 WATCH

OPERATION AS ABOVE:
 REG. ROUTINE WATCH:
 COMPLIED W/DEPT ORDERS

WATCH ENGR'S SIGNATURE-

CW Frey

2000-2400 WATCH

CHANGED AND CLEANED F.O. DISCH. STRAINERS,
 COMPLIED WITH NIGHT AND STANDING ORDERS,
 AS BEFORE.

CHANGED OVER SETTS @ 2400 FROM NO. 3 STBD. INBD. TO NO. 4 PORT. OUTBD. HI SUCTION,

WATCH ENGR'S SIGNATURE-

Rygn C. Nelson

2400-0400 WATCH

MAINTAINING VACUUM ON M/UNIT. JACKING GEAR ENGAGED. REPLENISHED L.O. IN M/UNIT
 SUMP TO NORMAL LEVEL. ROUTINE INSPECTIONS OF E.R. MACHINERY AND SPACES.

JR. ENG.-McLHURNE OILER-PERKINS FWT

WATCH ENGR'S SIGNATURE-

William H. Segel

0400-0800 WATCH

OPER. AS BEFORE EXCEPT M.U.E. ON DW DATA. SCREW CLEARANCE FROM BRIDGE TELEG
 TESTED & CLOCK SYNCHRO W/BRIDGE @ 0531; JACKING GEAR SEC. & ROLLING UNIT @ 0532;
 STBY 0615; CTR 75273250; P-FOM 5093780; S-F.O.M. 1782480; DEPT. 0700
 CTR 75274230 A-FOM 5093880; S-F.O.M. 1782560; BELLS AS PER BELL BOOK;
 INCREASED SPEED TO 16 NOZ @ 0715; ALL EXTRACT. VALVES OPEN;

WATCH ENGR'S SIGNATURE-

CW Frey

0800-1200 WATCH

BLEW TUBES P-S BOILERS, NO. 2 LIFEBOAT TESTED AND O.K. NO. 1 OUT OF SERVICE.
 CHANGED FROM HI TO LOW SEA INJECTION, CHANGED AND CLEANED F.O. DISCH. STRAINERS
 CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN.

CHANGED OVER SETTS @ 1200 FROM NO. 4 PORT OUTBD. TO NO. 3 STBD. INBD. HI SUCTION.

WATCH ENGR'S SIGNATURE-

Rygn C. Nelson

CHIEF ENGINEER

29	PORT	STBD
PA	8.76	8.18
TA	11.68	10.51
CH	12.43	9.53
PH	30	20
SO	30	25
SH	676	7321

CHIEF ENGR'S SIGNATURE-

W. E. Johnson

USNS		VOYAGE NO.		FROM		TO		TYPE OF VESSEL		DATE	
GREEN TOWN POPE TAP 110		1 E		Pusan		SASEBO		P2S2R2		12-29/30/65	
WATCH											
1200 TO 1600 1600 TO 2000 2000 TO 2400 2400 TO 0400 0400 TO 0800 0800 TO 1200											
145 220 240 240 240 240											
753 7533 7536 84380 7540 6940											
19890 22880 22590 22560											
90.4 95.3 94.1 94.0											
5096030 96320 97410 98620 99790 00960											
1284820 85070 86200 87400 88560 89740											
1660 540 2220 2410 2330 2350											
THROTTLE 440 415 410 430											
H.P. AHEAD 430 400 395 415											
L.P. AHEAD 15 16 15 18											
VACUUM 29.2 29.2 29.2 29.2 29.2											
L.O. TO TURBINES 13.0 13 13 13 13											
AUX. STEAM 150 150 150 150 150											
BACK PRESSURE 9 9 9 9 9											
GLAND STEAM 1.5 1.5 1.5 1.5 2.0											
H.P. BLEEDER 74 70 70 74											
I.P. BLEEDER 7 4 7 7											
L.P. BLEEDER 13 12 12 9											
STEAM AT THROTTLE 585 580 695 710 695 700											
L. P. EXHAUST 150 95 98 96 98											
CONDENSATE 62 88 92 91 90											
CIRC. WATER IN 58 60 64 67 68 70											
CIRC. WATER OUT 60 80 80 80 82											
L.O. TO COOLERS 116 112 124 127 127 126											
L.O. FROM COOLERS 110 108 110 110 110 110											
TEMPERATURE THRUST BEARING 115 118 116 115											
FORWARD H.P. ROTOR BEARING 130 131 128 125											
AFT. H.P. ROTOR BEARING 135 136 134 135											
FORWARD L.P. ROTOR BEARING 120 121 117 120											
AFT. L.P. ROTOR BEARING 125 128 127 130											
TEMPERATURES 140 145 142 140											
TEMPERATURES 145 140 145 145											
AUX. COND. CONDENSATE 62 88 92 91 90											
1ST STAGE FEED WATER HEATER 80 150 156 154 160											
D. C. FEED WATER HEATER 240 240 240 241 240 240											
3RD STAGE FEED WATER HEATER											
SUPER HEAT P 710 735 735 710											
S 620 610 615 720											
F.O. TO BURNERS 140 145 145 150 145 145											
AIR TO FURNACE P 122 127 118 117 116											
S 122 127 118 117 116											
F.O. TEMP. IN SETTLING TANKS P 106 104 108 106 106											
S 104 100 104 108 92											
PORT BOILER UPTAKE 620 310 325 320 300											
STBD. BOILER UPTAKE 540 240 240 240 240											
F. O. BACK PRESSURE											
MAIN STEAM 420 460 435 430 450											
F.O. TO BURNERS VAR 150 140 140 140											
MAIN COND. SALINITY 0.41 0.41 0.41 0.41 0.41 0.41											
ENGINE ROOM TEMPERATURE 74 74 65											
FIRE ROOM TEMPERATURE 90 88 87											
NOZZLES IN USE 16 16 16 16											
NO. OF BURNERS IN USE P 3 3 3 3											
S 3 3 3 3											
BURNER TIP SIZE P 53/70 53/70 53/70 53/70											
S 53/70 53/70 53/70 53/70											
CO₂ % PORT BOILER 12.5											
CO₂ % STBD. BOILER 12.5											
OIL LEVEL MAIN SUMP NORM. N N NORM NORMS											
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											
1 1200 420 9 124 110 62 300 300 240											
1 1200 430 9 120 110 63 750 750 240											
1 1200 430 9 125 110 62 900 900 240											
1 1200 415 9 121 111 62 850 850 240											
1 1200 410 9 120 110 63 1000 1000 240											
1 1200 430 9 120 110 62 1000 1000 240											
FUEL OIL METER AT NOON 00960/84740 METER PREVIOUS NOON 95210/83980 CONSUMED BY METER 5750/5760 ON HAND AT START OF DAY 8277 RECEIVED DURING DAY 4900 EXPENDED DURING DAY 274/293 REMAINING ON BOARD 13177											
BOILER WATER ON HAND AT START OF DAY EVAPORATED OR RECEIVED ON HAND CONSUMED											
LUBE OIL ON HAND AT START OF DAY RECEIVED ON HAND CONSUMED											
DOMESTIC WATER ON HAND AT START OF DAY EVAPORATED OR RECEIVED ON HAND CONSUMED											
DIESEL OIL ON HAND RECEIVED 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 4 4 4 4											
SUMMARY											
RUNNING TIME PROPELLER SLIP (%)											
DETENTION TIME BBL FUEL/MI											
TOTAL REVOLUTIONS WIND DIRECTION											
AVERAGE R.P.M. STATE OF SEA											
TOTAL MILES BY ENGINE STATE OF WEATHER											
TOTAL MILES BY OBSERVATION											

REMARKS

1200-1600 WATCH

UNDERWAY ON 16 NOZ. TO Sasebo, JAPAN. MACHINERY IN OPER. AS FOLLOWS. #1 & 2 BOILER
#1 & 2 M/FEED PUMPS, MAIN COND. PUMP AND CIRC. #1 FW PUMP. #1 GEN. L.O. SERVICE PUMP. MU AND CONT.
EVAP. BILGES AT SAFE LEVEL. 1355-STEAM ALSO REDUCED SPEED TO 84 RPM. ARR. @ 1405 BELLS
PER BELL BOOK.

1600-2000 WATCH

DEPARTURE @ 2000. C-75319020. F.O.M. P-5096380 S-1785130. 80 R.P.M. @ 2009 (PHONE).
YED. FROM NO. 1 STBD. FW. TK. @ 2055. 16 NOZZS. @ 2045. CHANGED AND CLEANED F.O. DISCH.
STRAINERS.
CHANGED OVER SETTS @ 2400 FROM NO. 3 STBD. INBD. TO NO. 4 PORT OUTBD.
SAME AS BEFORE EXCEPT - #1 M/FD. PUMP UNABLE TO MAINTAIN WATER LEVEL @ 460"
BOILER PRESSURE. OPERATING STBY. FD. PUMP INTERMITTENTLY. @ 0130 #1 BOILER SUPERHEATER
SAFETY VALVE LIFTED @ 460" - REDUCED ADJUSTMENT TO 450" - @ 0140 SAME LIFTED - REDUCED
TO 440" SAFETY AGAIN LIFTED REDUCED TO 435" NOTIFIED 1ST A/E. - J. KENNEDY RELIEVED
MCINTYRE, EVAP. OILGR, @ 0045, BECAUSE OF ILLNESS, CLEARED WITH MR. KNAPP.

2400-0400 WATCH

UNDERWAY AS BEFORE #1 SUPRATR SAFETY VALVE BLAMMERING HEAVILY, LIFTED SAME BUT
DID NOT RESEAT. SET MASTER CONTROLLER @ 430:
COMPLY W/NOPT ORDERS:

0400-0800 WATCH

BLEW TUBES P-S BOILERS. NO. 2 LIFEBOAT CHECKED OUT AND O.K. NO. 1 LIFEBOAT OUT OF SERVICE.
CHANGED AND CLEANED F.O. DISCH. STRAINERS. CHANGED AND CLEANED L.O. STRAINER NO. 1 D.C. GEN.
CHANGED OVER SETTS. @ 1200 FROM NO. 4 PORT OUTBD. TO NO. 3 STBD. INBD. HI SUCTION.

0800-1200 WATCH

CHIEF ENGINEER
PA 998 876
TA 10.85 10.80
CH 12.43 9.53
PH 30 15
SH 700 756

CHIEF ENGR'S SIGNATURE