#2

BRIDGE and ENGINE BELL BOOK

UNITED STATES NAVY
MILITARY SEA TRANSPORTATION SERVICE

USNS John Pope

MILITARY SEA TRANSPORTATION SERVICE
DEPARTMENT OF THE NAVY

MSTS FORM 5211-3 (Rev. 4-61)

INSTRUCTIONS

1. The Bridge and Engine Bell Book is an adjunct to the ship's log. Its primary purpose is to accurately record the transmission and receipt of engine orders. It further provides a convenient means for recording all information pertinent to maneuvering while entering or departing port, or while shifting berth.

2. The book is designed for use by the bridge and engine room(s) in both single and twin-screw ships. All information on upper left pages will be completed by bridge operators. (Names of pilots will include first name or initials.) Engine operators will only complete the first two lines on this page.

3. Applicable boxes on the top of right pages will be checked by bridge and engine operators. Separate books will be maintained for twin-screw ships with engines located in separate spaces. Applicable boxes at the top of right page will be checked by engine operators to reflect appropriate engines. The RPM colum shall be completed only by engine operators.

4. Approved symbols, as indicated, will be used for recording bells. Time will be entered in four-digit numbers, commencing at 0001, one minute past midnight, to 2400, the following midnight.

5. No alterations or erasures will be made in the book. When a correction is necessary, a single line shall be drawn through the original entry so that the entry remains legible. The correction shall be initialed by the person keeping the record. All information pertinent to maneuvering shall be recorded under "Remarks."

6. Bell book(s) shall be kept from:

a. Arrival to finished with engines (FWE).

b. Standby engines (SBE) to departure.

c. Whenever the ship is shifted in a harbor under her own power.

d. When otherwise deemed appropriate by the master.

7. The master will insure that bell books are available at all times on the bridge and in the engine room(s) and that officers on watch properly and accurately record all signals.

8. After the engines have been rung off on conclusion of a maneuver, officers recording the bells shall sign the book in the space designated. In the event an officer is relieved during a maneuver, a notation to this effect will be made in the remarks column, with the time and signature of the officer being relieved. The relieving officer will sign the book in the space provided at the bottom of the right page.

9. Bell books will be retained on board for six months after completion and then transferred to the home port commander. Bell books will be retained by the home port commander for three years from date of last entry and then destroyed.

PORT		VOYAGE NO.
N.S. OAKLAND Calif		4A
☐ ARRIVAL ☒ DEPARTURE	DATE JULY 19 1946	TIME
PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED
PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED
EMERGENCY STEERING MANNED 1410	SECURED	SBE / FWE

* BELL SYMBOLS

AHEAD			BACK	
SLOW		STOP Z	SLOW	
HALF			HALF	
FULL			FULL	
EMERG	(4)		EMERG.	(4)

REMARKS

S.B.E. @ 1345
S. FOM. - 2708370
P. FOM. - 6015610
TACH. - 04558050
SHAFT CTR. -

~~DKPT. @~~ 4628050, Ctr
S. FOM - 2708670
P. FOM - 6015900
TACH. - 4628050
SHAFT CTR -
Dept @ 1600

J. Brajkovic, Dey 2nd @ Throttle
Flint Webster, Answered Bells & rendered assist -

Departing NC, Oakland, Ca. for Tacoma, Wash.

☐ BRIDGE ☐ STARBOARD OR FWD (NO. 1) ☐ PORT OR AFT (NO. 2)

STARBOARD ENGINE OR FORWARD (NO. 1)			PORT ENGINE OR AFT (NO. 2)		
TIME	* BELL	RPM	TIME	* BELL	RPM
1415	⊥	30			
1416	—	15			
1419	⊥	30			
1422	Z	0			
1422.5	—	20			
1427	4	40			
1430	4	60			
1439	4	40			
1442	—	20			
1445	4	60			
1502	4	40			
1506	4	60			
1528	Bridge	70			
[illegible]	7/8/66				
[illegible]					

WATCH OFFICER'S SIGNATURE

H48767

PORT		VOYAGE NO.	
Tacoma -		4 - A	
☒ ARRIVAL ☐ DEPARTURE	DATE 21 July 66		TIME
PILOT			ON BOARD
AT THE CONN FROM	TO		DISCHARGED
PILOT			ON BOARD
AT THE CONN FROM	TO		DISCHARGED
EMERGENCY STEERING MANNED	SECURED	SBE	FWE

* BELL SYMBOLS

AHEAD			BACK	
SLOW	∠		SLOW	⟋
HALF	∠+	STOP Z	HALF	+⟋
FULL	∠‖		FULL	‖⟋
EMERG.	(4)		EMERG.	(+⟋)

REMARKS

July 21, 1966 0800 - 1200
At sea, maneuvers by order of the Bridge.
R. P. Calomi

Arrival @ 1900
S-Ctr = 04854740
T-Ctr = 04847100
P-FOM = 6032400
S-FOM = 2724470

FWE @ 2103

S-Ctr 04858550
T-Ctr 04851794
P-FOM = 6032890
S-FOM 2724860

Bells Recorded by
Mr on throttle

Arr-Tacoma from San Francisco

☑ BRIDGE ☐ STARBOARD OR FWD (NO. 1) ☐ PORT OR AFT (NO. 2)

STARBOARD ENGINE OR FORWARD (NO. 1)			PORT ENGINE OR AFT (NO. 2)		
TIME	* BELL	RPM	TIME	* BELL	RPM
0832	4	40	2026	⊥	30
0834	L	20	2029	Z	0
0849	Z	0	2030	⊥	15
0857	⊥	15	2030	⊥	30
0854	4	40	2033	Z	0
0900	4H	60	2033	L	20
0959	4	40	2035	Z	0
0951	Z	0	2035	⊥	15
0955	L	20	2036	Z	0
0957	4	40	2036	⊥	15
1002	4H	60	2037	Z	0
1107		16 NOZ	2037	L	20
R.P. Adams			2037	4	40
Stby @	1500	—	2038	L	20
HH	1505	60 Rpm	2039	Z	0
1506	4	40	2040	L	20
1507	L	20	2042	Z	0
1509	Z	0	2043	⊥	15
1510	⊥	15	2043	Z	0
1513	Z	0	2046	L	20
1513.5	4H	16 Nozzles	2047	Z	0
~~1929~~	~~STBY~~	~~60~~	2048	L	20
J.M. Pitts	6/21/66		2048	Z	0
1929	STBY	60	2050	L	20
1939	4	40	2050	Z	0
1956	L	20	2050	L	20
L.H. Burk			2051	Z	0
2007	Z	0	2052	⊥	15
2009	L	20	2052	Z	0
2022	Z	0	FWE @ 2/03		
2024	L	20	R.P. Adams		
~~2025~~	Z	0			
~~2025~~	⊥	~~20~~			
2025	⊥	15			

WATCH OFFICER'S SIGNATURE

H48767

PORT		VOYAGE NO.	
TACOMA WASH.		4-AB	
☒ ARRIVAL ☒ DEPARTURE	DATE JULY 23, 1966		TIME
PILOT			ON BOARD
AT THE CONN FROM	TO		DISCHARGED
PILOT			ON BOARD
AT THE CONN FROM	TO		DISCHARGED
EMERGENCY STEERING MANNED	SECURED	SBE	FWE
Peasley 1400			

* BELL SYMBOLS

AHEAD			BACK	
SLOW			SLOW	
HALF		STOP Z	HALF	
FULL			FULL	
EMERG.			EMERG.	

REMARKS

SBE @ 1347
S. FOM. - 2725120
P. FOM. - 6038720
TACH. - 04852400 ~~04855010~~
SHAFT CTR. -

DEPT. @ 1500
S. FOM. - 2725360
P. FOM. - 6038920
TACH. - 04854940

J. Brazington Day 2nd at Throttle Board - answering Telegraph & writing Bell Book

Departing Tacoma Washington for Naha Okinawa

☐ BRIDGE ☒ STARBOARD OR FWD (NO. 1) ☐ PORT OR AFT (NO. 2)

STARBOARD ENGINE OR FORWARD (NO. 1)			PORT ENGINE OR AFT (NO. 2)		
TIME	* BELL	RPM	TIME	* BELL	RPM
1416	✓	20			
1417	Z	0			
1426	LH	40			
1427	LH	60			
1430	Phone	16 Noz.			
1435	Ch. Eng.	70			
1445	Ch. Eng	80			
1455	Ch. Eng	MAX. 16 Noz.			
1500	Dept.				
m. Pax	7/23/66				
Stby	1920				
1920	Stby	60 RPM			
1947	LH	40			
1947½	✓	20			
1950	Z	0			
1954	LH	60 RPM			
1955	16 nozzles				
	S/H Buck				
	Off				

WATCH OFFICER'S SIGNATURE

H48767

Buckner Bay, Okinawa

PORT	VOYAGE NO.
White Beach	4B

☒ ARRIVAL ☐ DEPARTURE	DATE	TIME
	Aug. 6, 1966	

PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED
PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED

EMERGENCY STEERING MANNED	SECURED	SBE	FWE
hoew 0630			0812

* BELL SYMBOLS

AHEAD			BACK	
SLOW		STOP Z	SLOW	
HALF			HALF	
FULL			FULL	
EMERG.			EMERG.	

REMARKS,

ARRIVAL 0630
S-CTR. 06612190
T-CTR - 06595950
P- 7.0.M. 6138800
S- 7.0.M 2822100
S.H. Buck

F.W.E. C 0812
S-CTR. 06615220
T-CTR. 06598988
P-F.O.M. 6139170
S-F.O.M 2822470

Broke - answering telegraph
writing in Bell Book
Day 2nd at Seattle

Arrival @ Buckner Bay

☐ BRIDGE ☒ STARBOARD OR FWD (NO. 1) ☐ PORT OR AFT (NO. 2)

STARBOARD ENGINE OR FORWARD (NO. 1)			PORT ENGINE OR AFT (NO. 2)		
TIME	* BELL	RPM	TIME	* BELL	RPM
0630	H	40			
0659	H	60			
0705	✓	20			
0708	Z	0			
0716	✓	20			
0718	H	60			
0725	H	40			
0747	✓	20			
~~07~~ S.N. Burk					
0754	Z	0			
0758	N	30			
0759	Z	0			
0802	✓	15			
0803	N	30			
0803.5	N	45			
0804	N	30			
0804.2	Z	0			
0805	✓	20			
0806	N	30			
0806.5	Z	0			
0807	✓	20			
0808.5	Z	ϕ			
0812	F.W.E				
R.P. Adams					

WATCH OFFICER'S SIGNATURE

H48767

PORT	VOYAGE NO.		
Buckner Bay Okinawa	4 C		
☐ ARRIVAL ☒ DEPARTURE	DATE AUG. 6 1966		TIME
PILOT			ON BOARD
AT THE CONN FROM	TO		DISCHARGED
PILOT			ON BOARD
AT THE CONN FROM	TO		DISCHARGED
EMERGENCY STEERING MANNED	SECURED	SBE	FWE
Lowb - 1600			

* BELL SYMBOLS

AHEAD			BACK	
SLOW	∠		SLOW	⟋
HALF	∠+		HALF	+⟋
FULL	∠‖	STOP Z	FULL	‖⟋
EMERG	(4)		EMERG.	(4)

REMARKS

S.B.E. @ 1600
S. CTR. 06615370
TACH. 06599260
P. FOM. 6146030
S. FOM. 2823150

DEPT. @ 1700
S. CTR. 06618000
TACH. 06601740
P. FOM. 6140340
S. FOM. 28233380

L. H. Burk

Departing Buckner Bay for Viet Nam

2nd Engr D W Mr Brazmakin on throttle

Bells

☐ BRIDGE ☒ STARBOARD OR FWD (NO. 1) ☐ PORT OR AFT (NO. 2)

STARBOARD ENGINE OR FORWARD (NO. 1)			PORT ENGINE OR AFT (NO. 2)		
TIME	* BELL	RPM	TIME	* BELL	RPM
1600	Stby				
1606.5		15			
1608.5		30			
1611		45			
1614		30			
1618.5		15			
1623		0			
~~1623 SHB~~ 1632		20			
~~1629 SHB~~ 1639		60			
16 Moyale @ 1640					
	Sd. [illegible]				
	[illegible]				

WATCH OFFICER'S SIGNATURE

H 8767

PORT	VOYAGE NO.
C Sea	4C

☐ ARRIVAL ☐ DEPARTURE	DATE	TIME
PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED
PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED

EMERGENCY STEERING MANNED	SECURED	SBE	FWE

*** BELL SYMBOLS**

AHEAD			BACK	
SLOW			SLOW	
HALF		STOP Z	HALF	
FULL			FULL	
EMERG	(4)		EMERG.	

REMARKS

Deacclaration Drill from
0926 to 0954
Man overboard Drill from
1022 to 1049
Detention time two hours

☑ BRIDGE ☐ STARBOARD OR FWD (NO. 1) ☐ PORT OR AFT (NO. 2)

STARBOARD ENGINE OR FORWARD (NO. 1)			PORT ENGINE OR AFT (NO. 2)		
TIME	* BELL	RPM	TIME	* BELL	RPM
0859	LH	98			
0908	Stby	90			
0912	HN	45			
0916	Z	0			
0917	LH	80			
0926	Stby	60			
929.5	HN	45	0931	Bell Answered	
933.6	Z	0	0934	"	"
934.2	LH	60	934.8	"	"
945	Stby	60			
947.8	HN	45	948.2	"	"
951.8	Z	0	952.3	"	"
952.7	LH	60	954.5	"	"
Emergency Drills.					
Recorded by. W.C.B. 2nd Elec.					
8-8-66					
1022	Stby				
1023	✓	30			
1026½	Z	0			
1032	HN	45			
1034	Z	0			
1035	✓	20			
1041	Z	0			
1043½	✓	20			
1044	Z	0			
1049	14 NOZZLES				
	R.P. Adams				

WATCH OFFICER'S SIGNATURE

H48767

PORT		VOYAGE NO.	
Qui Nhon		4-0	
☒ ARRIVAL ☐ DEPARTURE	DATE Aug 10, 1966		TIME
PILOT			ON BOARD
AT THE CONN FROM	TO		DISCHARGED
PILOT			ON BOARD
AT THE CONN FROM	TO		DISCHARGED
EMERGENCY STEERING MANNED	SECURED	SBE	FWE
LOPW 0605	0943		0801

* BELL SYMBOLS

AHEAD			BACK	
SLOW			SLOW	
HALF		STOP Z	HALF	
FULL			FULL	
EMERG.			EMERG.	

REMARKS

ARRIVAL - 0612
S-CTR 07065300
T. CTR 07047000
P-7.0M 61675 90
S-7.0M 2849420

7.W.E. 0801
S-CTR. 07068390
T-CTR. 07050217
P-7.0.M 61679 0
S-7.0.M 2849780

Beaches Taking Bells per Bell book -
Days 2nd on Throttle

☐ BRIDGE ☒ STARBOARD OR FWD (NO. 1) ☐ PORT OR AFT (NO. 2)

STARBOARD ENGINE OR FORWARD (NO. 1)			PORT ENGINE OR AFT (NO. 2)		
TIME	* BELL	RPM	TIME	* BELL	RPM
0613	HT	60	0740	Z	0
0613	Stby	60	0741.5	HT	40
0630	HT	40	0742	⌐	20
0640	⌐	20	0743	HT	30
0642.7	HT	40	0744	Z	0
0649.6	⌐	20	0744.2	⌐	20
0654.5	Z	0	0746.5	HT	60
0657	⌐	20	0747.6	⌐	20
0657.5	Z	0	0749	HT	40
0659	⌐	15	S H B		
0659.8	Z	0	0753.7	Z	0
0703	⌐	20	0755	HT	45
0703.5	Z	0	0756.5	Z	0
0705	⌐	15	0758	⌐	15
0707.2	HT	40	0759	Z	0
0709	HT	60	0801.4	FWE	
0710.4	⌐	20		R.P. Adams	
0711.5	Z	0		Off.	
0714	⌐	20			
0714.4	Z	0			
0715	⌐	20			
0715.6	Z	0			
0716	⌐	20			
0716.8	HT	40			
0717.5	HT	60			
0718.5	HT	40			
0721.5	Z	0			
0722	⌐	20			
0728	HT	40			
0731.6	Z	0			
0733.5	⌐	20			
0736	HT	40			
0738	HT	60			
0739	HT	40			

WATCH OFFICER'S SIGNATURE

H 67

PORT	VOYAGE NO.
Qui Nhon	4-C

☐ ARRIVAL ☒ DEPARTURE	DATE	TIME
	Aug 11, 1966	

PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED
PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED

EMERGENCY STEERING MANNED	SECURED	SBE	FWE
McGinnis 1834			

* BELL SYMBOLS

AHEAD		BACK
SLOW		SLOW
HALF		HALF
FULL	STOP Z	FULL
EMERG.		EMERG.

REMARKS

S.B.E. 1828
S-CTR 07068910
TACH - 0705045
P-TOM 61732-90
S-TOM. 2850790

DEPT @ 1900
S. CTR 07070020
TACH 07050245
P-TOM 6173380
S-TOM 2850910
J. H. Buck

Pearlee answering and logging Bells.
Buck on Throttle.

Qui Nhon to Cam Ranh Bay

☐ BRIDGE ☐ STARBOARD OR FWD (NO. 1) ☐ PORT OR AFT (NO. 2)

STARBOARD ENGINE OR FORWARD (NO. 1)			PORT ENGINE OR AFT (NO. 2)		
TIME	* BELL	RPM	TIME	* BELL	RPM
1828	Stby				
1836	✓				
1836½	4T				
1900	4T	70 R.P.M			
Dept.	1900	70 R.P.M			
	S. W. Burk				
	Off				

WATCH OFFICER'S SIGNATURE

H 4 8 7 6 7

PORT		VOYAGE NO.
Cam Rahn Bay		4-B
[X] ARRIVAL [ ] DEPARTURE	DATE Aug. 12, 1966	TIME
PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED
PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED
EMERGENCY STEERING MANNED	SECURED	SBE	FWE
McGinnis - 0619			0740

* BELL SYMBOLS

AHEAD			BACK	
SLOW		STOP Z	SLOW	
HALF			HALF	
FULL			FULL	
EMERG	(4)		EMERG.	(4)

REMARKS

ARR- 0630
S-CTR 07110340
T-CTR 07050245
P- 7.0.M 61756 30
S- 7.0M 2853040

7.W.E 0740
S-CTR 07112850
P- 7.0.M 6175930
S- 7.0.M. 2853300
T.CTR 07050245
S. H. Burk

Brooks answering bells

Pay second @ throttle

☐ BRIDGE ☒ STARBOARD OR FWD (NO. 1) ☐ PORT OR AFT (NO. 2)

STARBOARD ENGINE OR FORWARD (NO. 1)			PORT ENGINE OR AFT (NO. 2)		
TIME	* BELL	RPM	TIME	* BELL	RPM
0630	Stby	60			
0705	↳	40			
0707	↳	20			
0731.4	Z	0			
0731.8	↑N	45			
0732.5	Z	0			
0733.6	↑N	30			
0734.5	Z	0			
0735	↳	20			
0735.5	Z	0			
0740	FWE				
	J.H.B				
	J.H. Brock				
	AH				

WATCH OFFICER'S SIGNATURE

H 8767

PORT		VOYAGE NO.
Com Pahu Bay		4-B 4-E

☐ ARRIVAL ☑ DEPARTURE	DATE	TIME

PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED
PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED

EMERGENCY STEERING MANNED	SECURED	SBE	FWE
McCrimmon 1800			

* BELL SYMBOLS

AHEAD			BACK	
SLOW			SLOW	
HALF			HALF	
FULL		STOP Z	FULL	
EMERG	(4)		EMERG.	

REMARKS

S.B.E. 1954 1954
S-CTR 07113790
Tach 07050245
P-7.0.M 6179600
S-7.0.M 2855690

Dept. 2112
SCTR 07116370
Tach 07050245
P-7.0M 6179920
S-7.0.M 2855970

Eng 2nd at throttle
R.P.A taking Bells per Bell book

☐ BRIDGE ☐ STARBOARD OR FWD (NO. 1) ☐ PORT OR AFT (NO. 2)

STARBOARD ENGINE OR FORWARD (NO. 1)			PORT ENGINE OR AFT (NO. 2)		
TIME	* BELL	RPM	TIME	* BELL	RPM
1954	STBY				
2014	4	30			
2017	4H	60			
20185	4	40			
2104	4H	60			
2112	16 Moppler				
	R.P. Adgemi				
	[illegible]				

WATCH OFFICER'S SIGNATURE

H48767

PORT		VOYAGE NO.	
San Francisco, Calif.		4	
[X] ARRIVAL [ ] DEPARTURE	DATE 29 Aug. 1966		TIME 0612
PILOT			ON BOARD
AT THE CONN FROM	TO		DISCHARGED
PILOT			ON BOARD
AT THE CONN FROM	TO		DISCHARGED
EMERGENCY STEERING MANNED	SECURED	SBE	FWE
McDinnis @ 0612			

* BELL SYMBOLS

AHEAD			BACK	
SLOW			SLOW	
HALF		STOP Z	HALF	
FULL			FULL	
EMERG.	(4)		EMERG.	

REMARKS

Arr - 0612
S.CTR 09276340
Tach - CTR00006101
P. 7.0m 6308730
S - 7.0m. 2977790

F.W.E - @ 0929
S. CTR 09283630
P. 7.0m 6309290
T- CTR00006101
S - 7.0m 2978380

Breaker answering Bell.
R.P.A. on Throttle 3rd A/E

☐ BRIDGE ☑ STARBOARD OR FWD (NO. 1) ☐ PORT OR AFT (NO. 2)

STARBOARD ENGINE OR FORWARD (NO. 1)			PORT ENGINE OR AFT (NO. 2)		
TIME	* BELL	RPM	TIME	* BELL	RPM
0612	arrived	50 RPM	0915	✓	15
0613	LH	Phone 60 RPM	0915.2	Z	0
0646	✓	40	0916	✓	15
0657	LH	60	0916.5	Z	0
0734	✓	20	0928	F W E	0929
0735.5	✓	40		R.P. Adam	
0739	✓	20			
0742	Z	0			
0748.5	[illegible]	20			
	S.N. Brick				
0755	✓	40			
0757	LH	60			
0800	✓	40			
0815	✓	20			
0830	✓	40			
0835.5	LH	60			
0845	✓	40			
0848.5	✓	20			
0852	✓	40			
0854	✓	20			
~~0855~~	~~LH~~	~~06.40~~			
0855	✓	40			
0856	LH	60			
0856.5	✓	20			
0857	Z	0			
0858	✓	20			
0901	Z	0			
0906	✓	30			
0907	Z	0			
0908	✓	20			
0909.5	✓	40			
0910	Z	0			
0913	✓	15			
0913.5	✓	30			

WATCH OFFICER'S SIGNATURE

H48767

PORT		VOYAGE NO.	
Alameda. Naval Air.			
☐ ARRIVAL ☒ DEPARTURE	DATE 9/3/66		TIME
PILOT			ON BOARD
AT THE CONN FROM	TO		DISCHARGED
PILOT			ON BOARD
AT THE CONN FROM	TO		DISCHARGED
EMERGENCY STEERING MANNED	SECURED	SBE	FWE
0840 Mc Ginnis			

* BELL SYMBOLS

AHEAD			BACK	
SLOW		STOP Z	SLOW	
HALF			HALF	
FULL			FULL	
EMERG.			EMERG.	

REMARKS

~~Stby Eng~~ ~~0843~~ 0910
S. Ctr - 9284560
Tach - W.C.B. ~~0667080~~ 0667410
P-FOM - 6809980
S-FOM - 2990730
Stby. 0910

Departure. 1142
S- Ctr. 9291170
TACH 0735770
P-FOM 6810500
S-FOM. 2991140

☐ BRIDGE ☒ STARBOARD OR FWD (NO. 1) ☐ PORT OR AFT (NO. 2)

STARBOARD ENGINE OR FORWARD (NO. 1)			PORT ENGINE OR AFT (NO. 2)		
TIME	* BELL	RPM	TIME	* BELL	RPM
0910	Stby.				
0927	—	15			
0928	N	30			
0930	Z	0			
0933	—	20			
0936	⊢	40			
0939.5	⊢⊢	60			
0948	—	20			
0953.5	⊢⊢	60			
1018	⊢	40			
1022	—	20			
1029.5	⊢	40			
1034	⊢⊢	60			
1042	Phone ⊢⊢	75			
1123	Phone	60			
1128	⊢	40			
1129	—	20			
1132	Z	0			
1138.5	⊢⊢	60			
1142	Dept.	18 NOZ			
Sept	3rd	1966			
Henry	Burney				
	CB				

WATCH OFFICER'S SIGNATURE

H48787

PORT	VOYAGE NO.
Seattle	

[X] ARRIVAL [ ] DEPARTURE	DATE	TIME
	9-5-66	

PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED
PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED

EMERGENCY STEERING MANNED	SECURED	SBE	FWE

* BELL SYMBOLS

AHEAD			BACK	
SLOW			SLOW	
HALF		STOP Z	HALF	
FULL			FULL	
EMERG			EMERG.	

REMARKS

ARRIVAL 1242

SCTR 09551400
Tach.
P FOM 6325770
S FOM 3004750

FWE 1320
SCTR 09551690
P FOM 6325760
S FOM 3004790
Tach. 03338610

☐ BRIDGE ☒ STARBOARD OR FWD (NO. 1) ☐ PORT OR AFT (NO. 2)

STARBOARD ENGINE OR FORWARD (NO. 1)			PORT ENGINE OR AFT (NO. 2)		
TIME	* BELL	RPM	TIME	* BELL	RPM
~~0225~~	~~H~~ 40	~~40~~	1242	ARRIVAL	60
0225	4	40	~~1246~~	~~H~~ W.R.G.	
0238	H	60	1246	V	20
0311	4	40	1257.5	Z	0
0320	H	60	1300	V	20
9-5-66			1301	Z	0
Henry Burney			1301.8	V	20
0415 By Phone	4	80	1306	Z	0
0426	Stanley		1306.5	V	15
0430	Z		1307.5	H	30
0431	4	40	1308.7	Z	0
0448	H	60	1309	V	15
Norman Smith			1310	Z	0
9/5/66			1320	FWE	
0809	4	40	9-5-66		
0811½	V	20	Henry Burney		
0814	Z	0			
0815	V	15			
0816½	Z	0			
0818	H	60			
0823	B/O/B	10 NOZZ			
~~0834~~	S.S.C				
0835	Z				
0838	4	40			
0840	H	80			
1013	Z				
1014	V	20			
1016	H	60			
1016½	V	20			
1023	H	60			
1036	B/O/B	10 NOZZ			
1143	B/O/B	18 NOZZ			
43 -	Clemmons				
9/5/66					

WATCH OFFICER'S SIGNATURE

H48787

PORT	VOYAGE NO.
SEATTLE	

☐ ARRIVAL ☒ DEPARTURE	DATE 9-6-66	TIME
PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED
PILOT		ON BOARD
AT THE CONN FROM	TO	DISCHARGED

EMERGENCY STEERING MANNED	SECURED	SBE	FWE

* BELL SYMBOLS

AHEAD			BACK	
SLOW			SLOW	
HALF		STOP Z	HALF	
FULL			FULL	
EMERG	4		EMERG.	

REMARKS

DEPARTURE TIME
STBY - 1045
COUNTER - 09552060
P FOM 6327130
S FOM 3005810 9332940
TACH 00334268
FWE @ 1321
COUNTER - 09559750
F.O.M - 9334210

☐ BRIDGE ☑ STARBOARD OR FWD (NO. 1) ☐ PORT OR AFT (NO. 2)

STARBOARD ENGINE OR FORWARD (NO. 1)			PORT ENGINE OR AFT (NO. 2)		
TIME	* BELL	RPM	TIME	* BELL	RPM
1045	STD. By	0			
1108	↓	40			
1110	↓↓	60			
1113	FULL THROTTLE	Bridge-Phone 64			
1124	FULL THROTTLE	84			
1234	Reduce SPEED ↓↓	Bridge-Phone 60			
1244	↓	40			
1245	✓	20			
1245.5	✓D.S.	10			
1247.5	Z	0			
1307.5	✓	15			
1308.5	↓	30			
1309.5	↓↓	45			
1310	↓	30			
1310.2	✓	15			
1310.5	Z	0			
1311	✓	20			
1312.5	Z	0			
1315.5	✓	15			
1316	↓	30			
1317	Z	0			
9-6-64					
Clemons					

WATCH OFFICER'S SIGNATURE

H48767