

LIST OF OFFICERS

Attached to and on board of the U. S. S. C O L O R A D O, commanded
by T. WITHERS, Captain, U. S. N., during the period covered by this Log Book, with date of
reporting for duty, detachment, transfer, or death, from 1 July, 1937, to 31 July, 1937.

NAME	RANK	DATE OF REPORT- ING FOR DUTY.	DETACHED.	DUTIES
			DATE.	
Baird, L.J.	Ensign	6-28-35		Jr. Watch & Div.
Loomis, S.C.	Ensign	6-20-35		
Shepard, E.T.	Ensign	6-28-35		Watch & Division
Combs, W.V.	Ensign	6-28-36		Jr. Watch & Div.
Sleight, R.C.	Ensign	6-28-36		Jr. Watch & Div.
Houston, C.E.	Ensign	6-28-36		
Connole, David B.	Ensign	6-28-36		Ship's Secretary
Wild, P.G., jr.	Ensign	6-28-36		Com Watch Officer
Kircher, J.J.	Ensign	6-28-36		
Kroch, R.J.	Ensign	6-28-36		Jr. Watch & Div.
Knapper, J.K.	Ensign	6-28-36		
Rupp, Lewis A.	Ensign	7-27-37		
DeLong, Edward G.	Ensign	7-27-37		
Dodson, Joseph A.	Ensign	7-27-37		
Hart, Patrick H.	Ensign	7-27-37		
Wilsie, Fay E.	Ensign	7-27-37		
Ross, James G.	Ensign	7-27-37		
Stein, Charles, jr.	Ensign	7-27-37		
Rankin, E.P.	Ensign	7-27-37		
Bell, David B.	Ensign	7-26-37		
Snodgrass, Ray A.	Ensign	7-26-37		
Leeke, Raymond A.	Gadet	3-4-37		Ass't. Eng.
Wilson, J.A.	Gadet	4-1-37		Prog. Courses
Jordan, W.	Gadet	4-1-37		Navigator
Smith, M.D.	Captain (USMC)	6-10-36		Marine Officer
Killen, G.W.	2nd Lt. (USMC)	4-14-37		
Mull, William P.	Commander (MC)	6-18-37		Medical Officer
Harris, Louis M.	Lieutenant (MC)	4-25-36		Jr. Medical Officer
Connolly, J.	Lt. Comdr. (DC)	4-10-37		Dental Officer
Wallace, W.C.	Lt. Comdr. (SQ)	3-29-36		Supply Officer

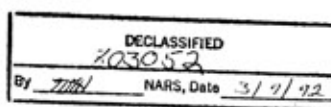
Examined and found to be correct.

T. WITHERS,
Captain, U.S. Navy,
Commanding.

H.W. Need
H. W. NEED,
Lieut. Comdr., U.S. Navy,

Navigator.

(This page to be sent to Bureau of Navigation monthly with Log sheets.)



LIST OF OFFICERS

Attached to and on board of the U. S. S. C O L O R A D O , commanded
by T. WITHERS, Captain , U. S. N., during the period covered by this Log Book, with date of
reporting for duty, detachment, transfer, or death, from 1 July , 19 37 , to 31 July , 19 37 .

NAME	RANK	DATE OF REPORT ING FOR DUTY.	DETACHED.	DUTIES
			DATE	
Friedell, W.L.	Captain	2-15-36	7-23-37	Commanding Officer
Withers, T., jr.	Captain	7-22-37		Commanding Officer
Beary, Donald B.	Commander	6-5-37		Executive Officer
Browne, Davenport	Lt. Comdr.	3-12-37		First Lieutenant Damage Control Off.
Need, Harry W.	Lt. Comdr.	6-4-37		Navigator
Holsinger, Raymond W.	Lt. Comdr.	6-6-37		Gunnery Officer
Snare, Elmer D.	Lt. Comdr.	6-1-34		Engineer Officer
Gray, W.C.	Lieutenant	6-8-36		Ass't. Gun. Off. Air Defense Off.
Weidorn, Paul H.	Lieutenant	6-1-37		Senior Ass't. Eng.
Leppert, J.H.	Lieutenant	4-9-37		Communication Off.
Murdaugh, A.C.	Lieutenant	6-8-36		Main Battery Ass't.
Lambrecht, John O.	Lieutenant	6-18-37		Senior Aviator
Chillingworth, C.F.	Lieutenant	6-10-35		Ass't. 1st Lieut. & Dmg. Con. Off.
Goldman, R.E.	Lieutenant	6-24-36		Watch & Division
Dodson, E.M., jr.	Lieutenant	6-10-35		Aide to Executive Watch & Division
McKee, S.J.	Lieutenant	6-1-35		Division & Electrical Officer
Hamley, J.R.	Lieutenant	6-8-36		Watch & Division
Nickelson, W.R.D.	Lieutenant	6-28-36		Radio Officer
Moore, F.E.	Lieutenant	7-22-37		Watch & Division
Fox, Leonard O.	Lieut. (jg)	6-14-37		Aviation Gunnery
Ashford, G.W.	Lieutenant	1-18-36		Watch & Division
Sall, C.F.	Lieut. (jg)	3-12-36		Watch & Division
Short, W.B., jr.	Lieut. (jg)	6-8-36		Aviation Material
Abbot, E.W.	Lieut. (jg)	7-15-34		Watch & Division
Nielson, H.H.	Ensign	4-12-37		Signal Officer
Foster, C.S.	Ensign	6-28-35		Jr. Watch & Div.
Gadrow, V.M.	Ensign	6-28-35		Watch & Division
Maurer, J.H.	Ensign	6-28-35		Watch & Division
Sellers, F.E.	Ensign	6-28-35		Watch & Division
Sullivan, W.A.	Ensign	6-28-35		Jr. Watch & Div.
Weldon, A.R.	Ensign	6-28-35		Jr. Watch & Div.

Examined and found to be correct.
D. H. ...
Captain, U. S. Navy,
Commanding.

H. W. Need
H. W. NEED,
Lieut. Comdr., U.S. Navy, Navigator.

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

DECLASSIFIED
#03052
By *JMH* NARS, Date *3/7/92*

LOG OF THE UNITED STATES SHIP <u>COLORADO</u> BB45																																												
(Name)										(Classification Number)																																		
AT <u>Anchor, Lahaina Roads, T.H.</u>										Thursday, <u>1 July</u> , 19 <u>37</u>																																		
(Day)										(Date)																																		
ZONE DESCRIPTION <u>Plus 10^g</u> <u>W. L. FRIEDEL</u> , Captain, U. S. Navy, Commanding.																																												
Hour	ALL READING - AVERAGE - CORRECTED	BY REVS.		BY LOG		Course (P. C.) Gyro _____ Mag. _____ (Indicate which)	WIND		BAROMETER			TEMPERATURE			WEATHER BY SYNOPTIC	CLOUDS			SEA																									
		Natural Miles	Texts	Natural Miles	Texts		Direction	Force	Height in Inches	Reading at Time	Air	Sea	Wet Bulb	Wet Bulb at Surface		Form	Moving Form	Amount	Visibility	Condition	Swells From																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																									
A.M.																																												
1					188	WNW	1	29.99		77	70		bc	a st	W	5	40	2	WNW																									
2					020	WNW	1	29.98		76	70		bc	a st	W	3	40	2	WNW																									
3					181	WNW	1	29.98		76	70		bc	a st	W	3	40	2	WNW																									
4					331	NW	1	29.98		76	70		bc	ci st	W	3	40	-	---																									
5					298	NW	1	29.97		76	70		bc	ci st	W	4	40	-	---																									
6					320	NW	1	29.97		77	72		bc	ci st	W	3	40	-	---																									
7	37.5	4	7	3	3	190	W	7	29.96	77	72	78	bc	ci ou	W	3	45	1	SEKS																									
8	65.5	7	9	7	5	190	W	8	29.96	79	71	78	bc	ci ou	W	3	50	1	SE																									
9	84.5	9	8	8	9	195	W	10	30.00	76	71	78	bc	ci ou	W	5	51	1	W																									
10	93.5	9	7	8	8	106	E	12	29.99	77	73	78	bc	ci ou	SW	5	51	1	W																									
11	84.5	9	8	8	8	285	NE	8	29.98	79	73	78	bc	ci ou	NE	5	51	1	W																									
12	60.8	7	2	7	1	306	NW	12	29.94	81	73	78	bc	ci ou	NW	5	51	0	NW																									
d) Latitude <u>30-40-42 N</u> Obs e) Longitude <u>156-45-00 W</u> Obs f) Latitude <u>20-41-60 N</u> g) Longitude <u>157-01-30 W</u> h) Latitude _____ i) Longitude _____ Current { Set _____ Draft _____ GYROCOMPASS IN USE Error _____ STANDARD MAG. COMPASS Compass No. _____ S. H. _____ Error _____ Variation _____ Deviation _____													Received _____ Expended <u>8,150 g</u> On hand <u>805,393 "</u> Distilled <u>22,700 "</u> Received _____ Expended <u>35,852 "</u> On hand <u>13,050 "</u>		DRILLS AND EXERCISES Morning _____ Afternoon _____ Division 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____																													
P.M.																																												
13	129.5	15	2	14	8	270	NE	28	29.90	79	74	78	bc	ci ou	SE	2	51	1	NW																									
14	121.5	14	3	14	1	308	NE	27	29.92	79	74	78	bc	ci ou	NNE	3	50	1	NNW																									
15	138.5	16	1	14	5	308	NE	32	29.92	78	74	78	bcz	ci ou	NE	4	45	1	NNW																									
16	127.7	15	3	15	0	308	NE	10	29.92	77	72	78	bcz	ci ou	NE	4	45	1	NNW																									
17	43.5	4	1	4	0	217	NE	10	29.92	77	72	78	bcz	ci ou	NE	4	45	1	NNW																									
18						218	NE	10	30.00	79	73		c	st ou	NE	7	45																											
19						218	NE	10	30.00	79	73		bc	st ou	NE	5	40																											
20						218	NE	7	30.01	78	72		d	nb	NE	8	40																											
21						218	NE	7	30.00	76	73		bc	st ou	NE	7	15																											
22						218	NE	6	30.02	77	75		bc	st ou	NE	4	12																											
23						218	NE	6	30.03	77	76		bc	ou	NE	3	12																											
24						218	NE	5	30.03	77	76		bc	ou	NE	2	12																											
SUBMERGED RUN DATA—SUBMARINES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th></tr> </thead> <tbody> <tr> <td>Run No. (Serial)</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Time to submerge</td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Greatest depth</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>																						1	2	3	4	5	Run No. (Serial)						Time to submerge						Greatest depth					
	1	2	3	4	5																																							
Run No. (Serial)																																												
Time to submerge																																												
Greatest depth																																												

DECLASSIFIED
203052
By 778/ NARS, Date 3/7/92

UNITED STATES SHIP C O L O R A D O Thursday 1 July 1937
(Day) (Date) (Month)

ZONE DESCRIPTION Plus 10 1/2

REMARKS.

0 to 4

Anchored in Auan Channel, Lahaina Roads, T.H., in 30 fathoms of water with 105 fathoms of chain out to the starboard anchor. Anchorage bearings: Pioneer Mill Stack 051.6° (True); Lahaina Light 053.8° (True); Molokini Light 123.7° (True). #8 boiler steaming for auxiliary purposes.

J. H. Maurer
J. H. MAURER,
Ensign, U.S. Navy.

4 to 8

Anchored as before. 0450 Lit off #6 boiler. 0515 Cut in #6 boiler on the line. 0545 Lit off #5 boiler. 0600 Tested whistle and siren. 0610 Cut in #5 boiler on line. 0624 Underway for firing S.R.B.P., broadside battery, in accordance with R.O.T.C. schedule. Boilers 5, 6, and 8 on line, 1-24 pole combination after space. Standard speed 12 knots (103 rpm). Steaming at 2/3 standard speed, 8 knots (67 rpm). Course 100° (True). Maneuvering on various courses at various speeds for firing R.O.T.C. short range battle practice. Article 9, O.G.E., N.R. and R.O.T.C. complied with. 0755 Commenced firing R.O.T.C. S.R.B.P. 0757 Ceased firing and resumed base course, 190° (True). Average steam - 257.5. Average R.P.M. - 51.5.

A. R. Weldon
A. R. WELDON,
Ensign, U.S. Navy.

8 to 12

Steaming as before on various courses and at various speeds for firing R.O.T.C. modified S.R.B.P. Base course 190° (True). Standard speed 10 knots (90 rpm). 0827 Commenced firing on run #2. 0834 Ceased firing run #2. 0908 Commenced firing on run #3. 0915 Ceased firing on run #3. 0954 Commenced firing on fourth run to port. 1005 Kretchmar, E.R., S2c., was released from solitary confinement of three (3) days by order of Commanding Officer. 1031 Commenced firing on run #5 to port. 1038 Ceased firing on run #5. 1043 Sighted Waikahalulu Point bearing 119° (True), distance 17 miles (approximately). 1110 Commenced firing on run #6 to port. 1116 Ceased firing on run #6. Completed R.O.T.C. modified S.R.B.P. 1118 Shifted steering control and ship's control to bridge. 1125 Stopped; maneuvering to recover target repair party from U.S.S. TANAGER. 1130 Made daily inspection of powder and magazines. Conditions normal. The below listed ammunition was expended this date in R.O.T.C. modified S.R.B.P.: 100 rounds of 5"/51 cal. chg. 6 PDB 2417, wt. 13.64, 2300 f.s.; 100 5"/51 cal. proj., tar., Mk XV-12 BL&P. 1137 Cut in #7 boiler on the line. 1143 Recovered #3 motor launch with target repair party and proceeded on course 206° (True), at 14 knots (119 rpm). Average steam - 255. Average R.P.M. - 80.8.

V. W. Gardner
V. W. GARDNER,
Ensign, U.S. Navy.

12 to 16

Steaming as before on course 306° (True), standard speed 14 knots (119 rpm). 1215 Shifted to 2-24 pole combination. 1259 Changed course to 270° (True), and speed to 12 knots (103 rpm). 1306 Fired no load shot on quarter deck catapult. 1315 Fired no load shot on high catapult. 1325 Changed course to 308° (True), and speed to 16 knots (135-140 rpm). 1347 Sighted Diamond Head Point bearing 313° (True) distance 30.5 miles. 1416 Sighted, small steamer on opposite course, bearing 322° (True), distance 6 miles (approximately). 1440 Sighted and exchanged calls with U.S.S. CUYAMA, outward bound from Honolulu Harbor, bearing 352°, distance 15 miles (approximately). 1515 Published record, findings, and sentence of the summary court-martial in the case of Elliot, D.T., Slc., U.S.N. Findings: Guilty to both specifications. Sentence: To lose twenty-seven dollars (\$27) per month of his pay for a period of four (4) months, total loss of pay amounting to one-hundred and eight dollars (\$108), and to be discharged from the naval service with a bad conduct discharge. The findings, and sentence were approved but the bad conduct discharge is remitted provided Elliot, D.T., maintain a record satisfactory to his Commanding Officer for the remainder of his current enlistment. Approved by convening authority and I.S.I.C. 1543 Passed Diamond Head Light on starboard beam. 1545 Changed standard speed to 12 knots (103 rpm), steaming at standard speed. 1553 Catapulted plane 4-0-5, pilot Lt. (jg) W. B. Short, observer Clark, A.W., ACMM. 1554 Catapulted plane 4-0-4, pilot Lt. J. O. Lambrecht, observer Aviation Cadet J. A. Wilson. 1556 Catapulted plane 4-0-6, pilot Lt. (jg) L. O. Fox, observer Aviation Cadet W. Jordan. 1557

Approved: W. L. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.

Examined: *H. W. Need*
H. W. NEED, Lieutenant Commander,
U. S. N., Navigator.

(Original (ribbon) copy of this page to be sent to Bureau of Navigation monthly.)

DECLASSIFIED	
203052	
By <i>TH</i>	NARS, Date 3/9/92

ADDITIONAL SHEET.

U. S. S. C. O. L. O. R. A. D. O.

Date..... 1 July....., 1937

12 to 16 (Continued)
All engines stopped. Average steam - 252. Average R.P.M. - 129.

L. J. Baird
L. J. BAIRD,
Ensign, U.S. Navy.

16 to 18

Steaming as before, all engines stopped. 1606 Pilot, Captain Hassellgren, came on board. 1610 Commenced steaming on various courses and speeds in preparing to moor alongside pier No. 2, Honolulu, T.H. 1622 Passed first set of channel buoys abeam. 1625 Passed second set of channel buoys abeam. 1628 Passed third set of channel buoys abeam. 1645 U.S.S. BEAVER standing past harbor entrance. 1710 Moored to pier #2, port side to, with the following lines in use: bow line (3 parts), forward bow spring (2 parts), after bow spring (3 parts), forward breast (3 parts), after breast (5 parts), forward waist breast (2 parts), after waist breast (3 parts), forward quarter spring (2 parts), after quarter breast (3 parts), forward quarter breast (3 parts), stem line (3 parts). 1754 Carpenter William B. Odom, U.S. Navy, reported aboard for duty from U.S.S. CHESTER in accordance with BuNav despatch 6819 1038 of June 1937.

Chas. F. Sell
CHAS. F. SELL,
Lieutenant (jg), U.S. Navy.

18 to 20

Moored as before. 1800 The following named men left the ship to report to the Senior Patrol Officer, Honolulu, T.H., for duty as shore patrol: Curtis, M.T., Cox., Weber, L.W., Cox., Brunner, N.L., EM3c., Richards, L.F., SK3c., Towery, H.M., SF2c.; duty assigned in accordance with ComFourteen despatch 0001-1113, July 1937. 1900 Two pay telephones, Honolulu 3764 and Honolulu 4371, connected to ship for use of officers and crew respectively. 1900 Ship commenced receiving fresh water from the dock.

E. W. Abbot
E. W. ABBOT,
Ensign, U.S. Navy.

20 to 24

Moored as before. 2145 Baker, D.W., F3c. returned from liberty without liberty card.

A. C. Mordaugh
A. C. MORDAUGH,
Lieutenant, U.S. Navy.

Approved: W. L. FRIEDEL, *WLF*
Captain, U. S. Navy,
Commanding.

Examined: *H. W. Need*
H. W. NEED, Lieutenant Commander,
U. S. S. Navigator.

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

DECLASSIFIED
103052
By *7061* NARS, Date *3/7/92*

LOG OF THE UNITED STATES SHIP <u> C O L O R A D O </u> BB45																			
(Name)														(Identification Number)					
From <u>Moored, Pier #2, Honolulu, H.H.</u>										Friday <u>2</u>		July, 19 <u>37</u>							
Place <u>Plus 10 1/2</u>										(Day)		(Month)							
ZONE DESCRIPTION <u>Plus 10 1/2</u> <u>W. L. FRIEDEL, Captain,</u> U. S. Navy, Commanding.																			
HOURS	ALL SURVIVAL AVES. SERVICES TURNS	BY REVR.		BY LOG		Compass (P. C.) Gyro Mag. (Indicate which)	WIND		BAROMETER		TEMPERATURE			WEATHER BY SYMBOLS	CLOUDS			SEA	
		NATURAL MILES	TURNS	NATURAL MILES	TURNS		DIRECTION	FORCE	HEIGHT INCHES	REDUCED AT 30 IN.	AIR DEW Pt.	AIR WET Bulb	WATER AT SURFACE		POW	MORNS FACE-	AMOUNT	VISIBILITY	CONDITION
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1								NE	2	30.03		76	75	bc	cu	NE	2	20	
2								NE	2	30.03		75	74	bc	cu	NE	2	20	
3								NE	2	30.02		74	70	bc	cu	NE	2	20	
4								NE	2	30.01		76	70	bc	cu	NE	3	20	
5								ENE	2	30.01		76	70	bc	a cu	ENE	3	40	
6								ENE	2	30.02		77	70	bc	a cu	ENE	2	40	
7								ENE	2	30.04		77	70	bc	a cu	ENE	2	40	
8								ENE	2	30.06		82	79	bc	a cu	ENE	3	40	
9								ENE	2	30.06		85	79	bc	a cu	ENE	3	40	
10								ENE	3	30.07		89	80	bc	a cu	ENE	2	51	
11								ENE	3	30.07		89	80	bc	a cu	ENE	2	51	
12								ENE	3	30.04		89	79	bc	a cu	ENE	3	57	

# Latitude _____ # Longitude _____ # Latitude _____ # Longitude _____ # Latitude _____ # Longitude _____ Current { Set _____ Drift _____ GYROCOMPASS IN USE Error _____ STANDARD MAG. COMPASS Compass No. _____ S. H. _____ Error _____ Variation _____ Deviation _____	Port { Received <u>12,703 g</u> Expended _____ On hand <u>784,636 "</u> Water { Distilled <u>22,150 "</u> Received _____ Expended _____ On hand _____ BEFORE LEAVING PORT Draft for'd _____ Draft aft. _____ AFTER ENTERING PORT Draft for'd _____ Draft aft. _____ MAGAZINE TEMPERATURES: Maximum <u>86°</u> Minimum <u>79°</u> NORMAL	DRILLS AND EXERCISES <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Division</th> <th>Morning</th> <th>Afternoon</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td></tr> </tbody> </table>	Division	Morning	Afternoon	1			2			3			4			5			6			7			8			9		
Division	Morning	Afternoon																														
1																																
2																																
3																																
4																																
5																																
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9																																

P.M.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
				ENE	3	30.04		89	79	bc	a cu	ENE	3	51										
				ENE	3	30.03		92	80	bc	a cu	ENE	3	50										
				ENE	2	30.00		92	87	bc	a cu	ENE	3	50										
				ENE	2	29.98		82	83	bc	a cu	ENE	3	50										
				ENE	2	29.97		81	74	bc	a cu	ENE	4	40										
				ENE	2	29.98		80	73	bc	a cu	ENE	4	40										
				ENE	2	30.00		80	72	bc	a cu	ENE	4	40										
				ENE	2	30.03		78	73	bc	a cu	ENE	4	40										
				ENE	3	30.03		78	72	bc	a cu	ENE	4	40										
				ENE	3	30.05		76	72	bc	a cu	ENE	4	40										
				ENE	3	30.05		76	72	bc	a cu	ENE	4	40										
				ENE	3	30.05		76	72	bc	a cu	ENE	4	40										

SUBMERGED RUN DATA—SUBMARINES					
	1	2	3	4	5
Run No. (Serial)					
Time to submerge					
Greatest depth					

DECLASSIFIED
303052
 By 7/8/ NARS, Date 3/7/92

UNITED STATES SHIP COLORADO Friday 2 July 1937

ZONE DESCRIPTION Plus 10 1/2

REMARKS.

0 to 4

Moored, port side to pier #2, Honolulu, T.H., with the following lines: 3 head lines, 8" manila; 2 forward bow springs, 8" manila; 3 after bow springs, 1 1/2" wire; 3 forward breast lines, 8" manila; 5 after breast lines, 8" manila; 2 forward waist breast lines, 1 1/2" wire; 3 after waist breast lines, 1 1/2" wire; 3 forward quarter springs, 8" manila; 3 after quarter breast, 8" manila; 3 forward quarter breasts, 1 1/2" wire; 3 stern lines, 1 1/2" manila. #8 boiler and after machinery space steaming for auxiliary purposes.

L. Baird
L. B. BAIRD,
Ensign, U.S. Navy.

4 to 8

Moored as before. At 0600 S.S. Steel Navigator stood in and moored. At 0615 S.S. Hualalai stood in and moored. At 0745 Electrician W. R. Brown, U.S.N., returned aboard from five (5) days leave.

W. R. D. Nickelson
W. R. D. NICKELSON,
Lieutenant, U.S. Navy.

8 to 12

Moored as before. 0800 Mustered crew on stations. No absentees. 0900 Held quarters for R.O.T.C. Units; Captain presented Tennessee Trophy to California Unit. 0931 to 1125 Captain called on Commandant, 14th Naval District. 1010 Lt. Col. V. E. Pritchard called on Captain for the Commanding General, Hawaiian Department. 1100 to 1122 Deck Court of which Lt. R. B. Goldman is deck court officer met to try the case of LeClaire, David H., F3c., U.S.N. Inspected magazines. Conditions normal. Left ship on leave: Clair, I.V., N.R.O.T.C., 3 days; Hutchins, R.B., N.R.O.T.C., 3 days. Left ship for temporary duty at F.A.B., Pearl Harbor, T.H.: Clark, A.W., ACM3c., Ross, H.P., AM1c., Prewitt, I., ACM3c., Mack, C.E., AMM3c., Guerrant, C.J., AMM3c., Fuller, F.L., AMM3c., Higbee, J., Flc., Hudson, E.F., Slc. Received provisions: From Pancho Produce Co., 2240 lbs. tomatoes, 640 lbs. green peppers; from Hawaiian Electric Co., Ltd., 1800 lbs. ice. Inspected for quality by Lt. (jg) Harris (MC), and for quantity by Pay Clerk H. M. Fox. Transferred: To CommineBatFor Maloney, Jack George, CRM., 273 82 42, in accordance with ComBaseFor 6018 1014 of June; to Submarine Base, Pearl Harbor, Schisler, Joseph Arthur, TM3c., 243 29 58, BuNav despatch 6316 1404 of June; to U.S.S. SICARD, Morales, Pedro Thomas, 222 95 71, IM2c., in accordance with BuNav despatch 6316 1404 of June; to Submarine Base, Pearl Harbor, Payne, William Harrison, Sealc., 375 66 67, Cichra, Edward Anton, F2c., 283 11 90, Ellis, Glenn, F3c., 336 87 58, Forsythe, Joseph, Slc., 283 14 46, Pennington, B.L., F2c., 371 94 99, Fackler, Richard, F2c., 341 85 56, Bodine, Clayton Henry, F3c., 381 16 17, (for further transfer to U.S.S. KANAWHA) Ball, James Reginald, F2c., 368 23 62, Haden, Eddy Lee, F2c., 359 81 86, Kardin, James Casey, Slc., 355 95 21, Logan, William Crawford, SM3c., 265 61 72, Mallough, Kenneth G., F3c., 385 69 78, Bernley, David W., F3c., 279 42 29, Thompson, Ernest F., F2c., 320 47 44, Tinsley, C.O., F2c., 346 60 88, Williams, Elmer W., Slc., 336 84 31.

A. C. Murdaugh
A. C. MURDAUGH,
Lieutenant, U.S. Navy.

12 to 16

Moored as before. Received the following stores for the general mess: From The American Factors, Ltd., Honolulu, T.H., onions, 2000 lbs.; from Chun Chong, Ltd., Honolulu, T.H., 4026 lbs. oranges, 2513 lbs. grapefruit, 2286 lbs. cabbage, 1427 lbs. cauliflower, 1233 lbs. cucumbers, 1600 lbs. lettuce, 893 lbs. squash, 960 lbs. cantaloupes; from Chun Hoon, Ltd., Honolulu, T.H., 1050 lbs. string beans, 600 lbs. beets, 1500 lbs. carrots, 600 lbs. celery; from Rancho Products Co., Honolulu, T.H., 640 lbs. green pepper, 2240 lbs. tomatoes. The above stores inspected as to quantity by A.P.C. H.M. Fox., U.S.N., and as to quality by Spring, E.C., PhM2c., U.S.N. 1223 Wilkinson, R.E., W1c., U.S.N., left the ship in charge of:- Hagen, T.E., GM2c., U.S.N., Brunner, N.L., EM3c., U.S.N., Bohning, J.B., SK3c., U.S.N., McQuade, J.T., BM2c., U.S.N., and McCarty, M.J., CM3c., U.S.N., to report to the Senior Patrol Officer, Honolulu, T.H., for temporary duty as shore patrol. 1240 Horner, S.W., jr., WT2c., U.S.N., left the ship on two (2) days leave. 1303 Creighbaum, R., S2c., left the ship on three (3) days leave. 1300 Cunningham, Aloysius Lawrence, 228 35 51, Sealc., reported

Approved: W. L. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.

Examined: *H. W. Need*
H. W. NEED, Lieutenant Commander
U. S. N., Navigator.

(Original (ribbon) copy of this page to be sent to Bureau of Navigation monthly.)

DECLASSIFIED	
#03052	
By <i>7/16</i>	NARS, Date <i>3/7/92</i>

ADDITIONAL SHEET.

U. S. S. C. O. L. O. R. A. D. O.

Date 2 July 1937

12 to 16 (Continued)

aboard for transportation to Seattle, Wash., for a leave period of thirty (30) days plus nine (9) days travel time, in accordance with Comdt. 14th Naval District Ltr. ND14/121(1107) of 2 July 1937. 1300 Chandler, Neal R., 274 12 34, Bkr3c., U.S.N., left the ship to report to Commanding Officer, Receiving Station, Pearl Harbor, T.H., for further transfer to U.S.S. BEAVER for duty, in accordance with ComBaseFor despatch 000 1050 of 7 June 1937. Records and accounts to be forwarded to the Commanding Officer, U.S.S. BEAVER, via registered mail. 1305 Quarnes, Robert W., 358 37 44, Halc., U.S.N., returned aboard from temporary duty in connection with transfer of patient to Naval Hospital, Pearl Harbor, T.H. 1310 Morgan, Kenneth N., 385 68 81, F3c., U.S.N., reported aboard from U.S. Naval Hospital, Pearl Harbor, T.H., for further transfer to the U.S.S. MISSISSIPPI for duty, in accordance with Art. D-7017, BuNav Manual, and ComBaseFor despatch 6018 1018 of June 1937. 1333 Rear Admiral O. G. Murfin, U.S.N., Commandant, 14th Naval District, called on the Commanding Officer. 1345 Farley, Charles A., Pvt., U.S.M.C., reported aboard from Marine Barracks, Pearl Harbor, T.H., for duty, in accordance with Ltr. O.G., dp of PSC #2/1854/200.5/230-R-37 dip., dated 24 June 1937. 1530 Williams, D., EMlc., left the ship on three (3) days leave.

W. V. Combs
W. V. COMBS,
Ensign, U.S. Navy.

16 to 20

Moored as before. 1730 Rogers, J.B., GMlc., left the ship in charge of following men for duty as shore patrol in Honolulu, T.H.: Thew, H.P., FC3c., Campbell, Z.J., MM2c., Kisner, J.A., EM2c., Shipp, H.E., SKlc., Ehling, F., SF3c. Reference: Coml4 despatch 0001 1113 of July 1937. 1830 Following men returned to the ship from duty as shore patrol: McQuade, J.F., BM2c., Brunner, N.L., EM3c., Wilkinson, R.E., WTlc., Hagen, V.E., GM2c., Bohning, J.B., SK2c., McCarthy, M.J., GM3c. 1855 The U.S.S. LITCHFIELD stood out from Pearl Harbor.

F. E. Sellers, Jr.
F. E. SELLERS, Jr.,
Ensign, U.S. Navy.

20 to 24

Moored as before. 2100 Quivey, T.G., F3c., was returned to the ship by the shore patrol; offense: (1) conduct to the prejudice of good order and discipline, (2) creating a disturbance in a public establishment, (3) threatening and violence, (4) employment of obscene language, (5) disrespectful in manner to the Ass't. Patrol Officer. He was placed under sentry's charge. 2140 Quivey, T.G., F3c., was examined this date by Commander Mull (MC) and found under the influence of intoxicating liquors. 2145 Disconnected water line from dock; received since 1 July 1937 130,380 gallons of water from the Board of Water Supply. 2325 Agers, E.L., Slc., returned to the ship without a liberty card.

V. M. Andrew
V. M. ANDREW,
Ensign, U.S. Navy.

Approved:

W. L. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.

Examined:

H. W. Need
H. W. NEED, Lieutenant Commander,
U. S. N. Navigator.

4-1099

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

DECLASSIFIED	
103052	
By <i>7/11/1</i>	NARS, Date <i>3/7/92</i>

LOG OF THE UNITED STATES SHIP <u> C O L O R A D O </u>														BR45							
(Name)														(Identification Number)							
From <u> Moored, Pier #2, Honolulu, T.H. </u>														Saturday <u> 8 </u> July, 19 <u> 37 </u>							
(Date)														(Month)							
ZONE DESCRIPTION <u> Plus 10 1/2 </u>														<u> W. L. FRIEDEL </u> , Captain, <u> U. S. Navy </u> , Commanding.							
Hour	"All Right" Average Revolutions	BY REVS.		BY LOG		Course (P. C.) Ogve Mag. (Indicate which)	WIND		BAROMETER		TEMPERATURE			WATER BY THERMOS	CLOUDS				SEA		
		Natural Miles	Turns	Natural Miles	Turns		Direction	Force	Height in Inches	Barom. at Temp.	Air, Wet Bulb	Air, Dry Bulb	Air, Wet Bulb		WATER AT SURFACE	Form	Motion From—	Amount	Visibility	Condition	Swells
1						218	NE	1	30.04		77	72	bc	st	cu	NE	3	35			
2						218	NE	1	30.04		77	72	bc	st	cu	NE	3	35			
3						218	NE	1	30.02		77	74	bc	st	cu	NE	4	40			
4						218	NE	1	30.02		77	74	bc	st	cu	NE	4	40			
5	22.5			5	2	236	NE	1	30.02		77	74	78	bc	st	cu	NE	4	40		
6	57.5			5	2	335	NE	1	30.02		78	75	78	bc	st	cu	NE	3	40		
7	47.5			5	7	040	NE	1	30.00		77	74	78	bc	ci	cu	NE	4	40		
8						212	NE	1	30.00		77	72		bc	ci	cu	NE	4	40		
9							NE	2	30.00		78	77		bc	ci	cu	NE	5	45		
10							NE	2	30.01		82	78		bc	a	cu	NE	5	45		
11							NE	2	30.02		82	79		bc	a	cu	NE	5	45		
12							NE	2	30.03		85	79		bc	a	cu	NE	5	45		

d/ Latitude _____ e/ Longitude _____ g/ Latitude _____ h/ Longitude _____ i/ Latitude <u> 20-08-00 N </u> j/ Longitude <u> 159-09-00 W </u> 1404 to 1930, 3 July. Current (Set <u> 264° (True) </u>) (Drift <u> 1.38 knots </u>)	Fuel (Received _____ Expended _____ On hand _____) Water (Distilled _____ Received _____ Expended _____ On hand _____)	DRILLS AND EXERCISES Morning _____ Afternoon _____ Divisions 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 After fueling and before 7 leaving port. 8 <u> 35' 10" </u> 9 <u> 34' 0" </u>
GYROCOMPASS IN USE Error <u> #2 </u>	BEFORE LEAVING PORT Draft for'd <u> 34' 0" </u> Draft aft. <u> 33' 9" </u>	
STANDARD MAG. COMPASS Compass No. <u> 88 </u> S. H. <u> 212 </u> Error <u> 11° E </u> Variation <u> 10° E </u> Deviation <u> 1° E </u>	AFTER ENTERING PORT Draft for'd <u> 34' 5" </u> Draft aft. <u> 33' 6" </u>	
	MAGAZINE TEMPERATURES: Maximum <u> 86° </u> Minimum <u> 79° </u> NORMAL	

F.H.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
13						110	NE	2	29.92		79	72		bc	ci	cu	NE	4	45						
14	55.5	6	8	4	4	160	NE	2	29.92		79	72	78	bc	ci	cu	NE	3	45						
15	109.5	12	8	12	9	223	E	10	29.92		79	79	78	bc	a	cu	E	3	45	1	E				
16	132.5	15	3	16	4	223	E	10	29.92		79	79	79	bc	a	cu	E	2	45	3	E				
17	133.5	15	6	15	6	223	ENE	21	29.90		77	79	79	bc	ci	cu	E	1	45	2	E				
18	132.6	15	5	15	4	223	ENE	17	29.90		78	78	80	bc	ci	cu	NE	2	45	2	NE				
19	131.5	15	4	15	5	223	ENE	21	29.90		78	78	80	bc	ci	cu	NE	2	35	2	NE				
20	132.5	15	5	15	9	223	ENE	20	29.92		76	77	80	bc	st	cu	ENE	1	30	4	NE				
21	132.5	15	5	15	2	223	ENE	20	29.92		76	73	80	bc	ci	cu	ENE	4	30	4	NE				
22	132.5	15	5	15	6	223	ENE	20	29.92		76	73	79	bc	ci	cu	ENE	3	30	3	NE				
23	134.5	16	7	15	7	223	ENE	20	29.92		76	74	80	bc	ci	cu	ENE	4	30	3	NE				
24	134.0	15	6	15	2	223	ENE	21	29.92		76	74	80	bc	ci	cu	ENE	4	30	3	NE				

SUBMERGED RUN DATA—SUBMARINES					
Run No. (Serial)	1	2	3	4	5
Time to submerge					
Greatest depth					

DECLASSIFIED
 103052
 By T.M. NARS, Date 3/9/92

UNITED STATES SHIP C O L O R A D O Saturday 3 July 1937
(Day) (Date) (Month)

ZONE DESCRIPTION Plus 10 1/2

REMARKS.

0 to 4

Moored, port side to Pier #2, Honolulu, T.H., with following lines: 3 head lines of 8" manila; 2 forward bow springs of 8" manila; 3 after bow springs of 1 1/2" wire; 3 forward breast lines of 8" manila; 2 forward waist breasts of 1 1/2" wire; 3 after waist breasts of 1 1/2" wire; 3 forward quarter springs of 8" manila; 3 after quarter breasts of 8" manila; 3 forward quarter breasts of 1 1/2" wire; 3 stern lines of 1 1/2" wire. Boiler #8 steaming for auxiliary purposes. 0043 White, H.W., Pvt., U.S.M.C., reported aboard absent over liberty 43 minutes. 0055 The following named men returned from patrol duty, in accordance with Com14 despatch 0001 1113 of July 1937: Thew, H.P., FC3c., U.S.N., Campbell, F.J., MM2c., U.S.N., Kisner, J.A., EM2c., U.S.N., Shipp, A.E., SKlc., U.S.N., Ehling, F., SF3c., U.S.N., Rogers, J.B., GMLc., U.S.N. 0215 Lighted fires under #6 boiler. 0235 Williams, D., EMLc., U.S.N., returned from one (1) day leave on time. 0310 Lighted fires under boilers #6 and #7.

F. E. Sellers, Jr.
F. E. SELLERS, Jr.,
Ensign, U.S. Navy.

4 to 8

Moored as before. 0420 Stationed piloting detail. 0440 Pilot, Captain Hassellgren, came aboard. 0459 Underway enroute Pearl Harbor, T.H., boilers 5, 6, 7, and 8 on the line, 2-24 pole combination with both machinery spaces in use. Steaming at various courses and speeds in clearing Harbor. 0517 Passed first set of channel buoys abeam. 0519 Passed second set of channel buoys abeam. 0521 Passed third set of channel buoys abeam. 0522 All engines stopped; Pilot, Captain Hassellgren, left the ship. 0524 All engines ahead, base course 208° (True). 0535 Changed course to 270° (True). 0540 Changed course to 333° (True). 0541 All engines stopped. 0555 Commenced steaming on various courses at various speeds standing toward channel to Pearl Harbor. 0556 All engines stopped. 0558 Pilot, O. H. Otterson, came aboard. 0600 All engines ahead standard, 12 knots (103 rpm). 0726 Moored, starboard side to pier #12, Pearl Harbor, T.H. #8 boiler steaming for auxiliary purposes. Following lines in use: Bow line (1 part), forward spring (2 parts), after spring (1 part), forward waist spring (1 part), after waist spring (1 part), forward & after quarter springs (1 part), stern breast (1 part). 0750 Pilot left the ship.

O. H. Otterson
Ensign, U.S. Navy.

8 to 12

Moored as before. 0812 Commenced fueling from pier #12. 0813 Boilers 5, 6, and 7 secured. 0815 Seuffert, Ray Charles, 283 99 15, GM2c., Jensen, Arthur Jens, 320 93 49, F2c., Lindsley, Lloyd George, 361 23 18, F3c., U.S.N., were transferred to U.S.S. KANAWHA for duty. Reference: ComBaseFor despatch 6001 1502 of July 1937. 0845 Jenkins, G.S., SM3c., returned from 6 days leave. 0900 Smith, J.C., S2c., Miller, C.W., S2c., left the ship on duty. 0901 Commenced receiving fresh water from the dock. 0910 Lane, G.G., 375 15 76, CMM(AA), was transferred to U.S.S. KANAWHA for duty. Reference: ComBaseFor despatch 6002 1102 of 1 July 1937. 0920 Received two (2) General Court-Martial prisoners from U.S.S. OGLALA for further transfer to U.S. Naval Prison, Mare Island, California. Reference: ComFourteen Serial 1038 of 25 June 1937: Keefe, John Aloysius, 243 50 71, AS., and McCarmich, Patrick Harvey, 355 99 48, AS., U.S.N. 0922 Smith, Robert Hamilton, FC3c., 393 08 39, Decker, Morris J., 368 21 72, Bkr3c., Loos, Leonard A., 393 11 67, Slc., Anderson, William E., 393 08 27, Flc., reported aboard for further transfer to West Coast for discharge. Reference: ComFourteen Ltr. NDL4/420/MM(1035) of 25 June 1937. The following R.O.T.C. students left the ship on completion of the summer school: Williams, H.D., King, J.R., Cook, F.E., Williams, R.K., Fausot, G.W., Lightfoot, C.J. Reference: Art. 622 to 624 (Incl) Reg., for Ad & Tr. N.R.O.T.C., and N.R.O.T.C. Standing Order No. 11 of 28 April 1936. 0931 Wyatt, Paul N., 201 47 99, ALM3c., U.S.N., reported aboard for further transfer to U.S. Naval Air Station, Anacosta, Washington, D.C. Reference: BuNav ltr. H2-Nav-63-FJS of June 1937. 0935 Platzcek, Orlando F., 371 84 18, LM2c., U.S.N., reported aboard for further transfer to Receiving Ship, West Coast, for discharge. Reference: Art. D-7018, BuNav Manual 0940 Carlson, Carl H., Pvt., U.S.M.C., reported aboard for further transfer to Second Marine Brigade, Fleet Marine Force. Reference: GG D OF P ltr. 23938/24460/27208/27491/23475/28362/220.6/220.3/200.2-37 clp, dated 10 January 1937.

Approved: *W.F.*
W. L. FRIEDEL,
Captain, U.S. Navy,
Commanding.

Examined: *H. W. Need*
H. W. NEED, Lieutenant Commander,
U.S. Navy, Auditor.

(Original (ribbon) copy of this page to be sent to Bureau of Navigation monthly.)

DECLASSIFIED
#03052
By *TTH* NARS, Date *3/9/92*

ADDITIONAL SHEET.

U. S. S. C. O. L. O. R. A. D. O. Date 3 July 1937

8 to 12 (Continued)
 0945 Hill, Juan A., 341 33 40, PhMlc., reported aboard for further transfer to U.S.S. NORTHAMPTON for duty. Reference: BuNav ltr. MM-341 33 40-Nav-63-VG dated 17 May 1937. 0956 N.R.O.T.C. student Ted LaVerne Hughes reported aboard from U.S.N.H., Pearl Harbor, T.H. 0955 Published the findings and sentence in the case of LeClaire, David H., F3c., U.S.N., tried by deck court (#30-37). Finding: Guilty. Sentence: To lose twelve dollars (\$12) per month of his pay for a period of two months, total loss of pay amounting to twenty-four dollars (\$24). Approved by convening authority. 1000 Flight quarters for hoisting in planes, 4-0-4 with pilot Lt. J. O. Lambrecht and observer Ross, H.P., AMlc., 4-0-5 with pilot Cadet W. Jordan and observer Hudson, E.F., Slc., 4-0-6 with pilot Lt. (jg) L. O. Fox and observer Prewit, I., ACM3c. 1005 Received for use in general mess the following stores, inspected for quality by Land, H.B., PhMlc., and for quantity by A.P.C. H.M. Fox: From Daily Produce Co., Navy Yard, Pearl Harbor, 1117 lbs. grapefruit; from Chun Chong, Ltd., Pearl Harbor, 1692 lbs. oranges, 1032 Commenced receiving gas from Pelican along port bow. 1032 U.S.S. WATERS underway and stood out. 1045 Cut in #6 boiler. 1051 Creighbaum, R.L., S2c., returned from 3 days leave. 1052 U.S.S. DENT underway and stood out. 1100 Made routine inspection of powder and magazines. Conditions normal. 1105 Culmell, D.G., 375 13 34, SKlc., U.S.N., reported aboard for further transfer to U.S.S. ENTERPRISE for duty. Reference: BuNav ltr. Nav-630-CUY/375 13 34 of 11 May 1937. 1145 Completed taking on gas from Pelican (aviation gas). 1145 Horner, S.W., jr., WT2c., returned aboard from 1 days leave on time. 1154 Mr. John Terry of the Honolulu Star Bulletin, Associated Press, reported on board by authority of Bureau of Navigation.

L. J. Baird
 L. J. BAIRD,
 Ensign, U.S. Navy.

12 to 16
 Moored as before. 1215 Green, J.T., Slc., was returned on board by the Shore Patrol of Honolulu, T.H., A.O.L. since 0000 this date. 1219 U.S.S. Tanager underway and stood out. 1229 Completed fueling, having received 373,297 gallons of fuel oil. Draft: 35' 10" forward, 34' 00" aft. 1232 U.S.S. PELICAN underway and stood out. 1236 Pilot O. H. Otterson came on board. Made all routine preparations for getting underway. 1245 Quarters for getting underway and muster. No absentees. 1301 Underway on various courses at various speeds clearing Pearl Harbor, enroute to Howland Island to assist in search for lost plane of Amelia Earhart Putnam, in accordance with ComFourteen despatch 0002 2115 of July 1937. 1404 Passed entrance buoys to Pearl Harbor. 1405 Stopped to drop pilot. 1408 All engines ahead 15 knots (128 rpm), set course 223° (True) & (pgc). 1430 Changed uniform of crew and R.O.T.C. units to undress whites without jumpers. 1433 All steaming boilers blew tubes. 1436 Barbers Point Light beam to starboard, distant 4.5 miles. 1445 Green, J.T., Slc., was released from confinement by order of the Commanding Officer. 1545 Passed U.S.S. WHIPPOORWILL abeam to starboard on same course, distant 3 miles. Average steam 265. Average R.P.M. - 99.2.

Chas. F. Sell
 CHAS. F. SELL,
 Lieutenant (jg), U.S. Navy.

16 to 18
 Steaming as before, course 223° (True), speed 15 knots (128 rpm). Average steam - 260. Average R.P.M. - 133.

W. B. Short, Jr.
 W. B. SHORT, JR.,
 Lieutenant (jg), U.S. Navy.

18 to 20
 Steaming as before, course 223° (True), 15 knots (128 rpm). 1945 Sighted destroyer DENT bearing 200° (True), on opposite course. Average steam - 260. Average R.P.M. - 132.

J. O. Lambrecht
 J. O. LAMBRECHT,
 Lieutenant, U.S. Navy.

20 to 24
 Steaming as before on course 223° (True & pgc) at 15 knots (128 rpm), standard speed 12 knots. 2200 Sighted U.S.S. TALBOT bearing 247° (True). 2212 Passed U.S.S. TALBOT abeam to starboard, distant 4 miles.

E. W. Abbot
 E. W. ABBOT,
 Ensign, U.S. Navy.

Approved: *W.F.*
 W. L. FRIEDEL,
 Captain, U.S. Navy,
 Commanding.

Examined: *H.W. Need*
 H. W. NEED, Lieutenant Commander,
 U.S. Navy.

DECLASSIFIED
 103052
 By *7/11/92* NARS, Date 3/7/92

LOG OF THE UNITED STATES SHIP <u> C O L O R A D O </u> BB45																					
																		(Name)		(Classification Number)	
AT PASSAGE <u> Pearl Harbor, T.H., </u> <u> to Howland Island </u> <u> Sunday 4 </u> <u> July </u> <u> 19 37 </u>																		(Day)		(Month)	
ZONE DESCRIPTION <u> Plus 10 1/2 </u> <u> W. L. FRIEDEL </u> <u> Captain, U. S. Navy, Commanding. </u>																					
BOES	"All Reports" Average Revision	BY REVS.		BY LOG		Compass (P. C.) Gyro Mag. (Indicate which)	WIND		BAROMETER		TEMPERATURE			WEATHER BY BRISCONS	CLOUDS			SEA			
		NATURAL Miles	TEXTS	NATURAL Miles	TEXTS		DIRECTION	Force	Height of Barometer	Reading at Temp.	Air	Wet Bulb	Air		Wet Bulb	Water at Surface	Form	Moving From	Amount	Visibility	Condition
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
A.M.	134.5	15	7	14	6	223	SSE	7	29.89		76	72	80	q	nb	SSE	7	8	1	S	
2	133.5	14	6	15	4	223	SSE	7	29.88		76	73	80	bc	cu	SSE	5	10	1	S	
3	131.5	15	4	15	6	223	SSE	7	29.86		76	73	79	bc	cu	SSE	4	12	1	S	
4	133.5	15	6	15	2	223	SSE	8	29.85		76	73	80	bc	cu	SSE	5	12	1	S	
5	132.5	15	5	15	3	223	SSE	10	29.84		76	73	80	bc	cu	SSE	3	20	1	S	
6	132.5	15	5	15	3	223	SSE	8	29.84		70	74	80	bc	cu	SSE	4	20	1	SE	
7	133.5	15	6	15	7	223	SSE	8	29.86		77	73	80	bc	cu	SSE	4	25	2	SE	
8	134.4	15	7	15	7	223	SSE	8	29.88		79	74	79	bc	cu	SSE	4	40	2	SE	
9	134.5	15	7	15	9	223	SSE	8	29.87		80	75	80	bc	cu	SSE	3	40	2	SE	
10	134.5	15	7	16	2	223	E	14	29.88		81	76	80	bc	cu	SSE	4	40	2	E	
11	133.5	15	6	15	4	223	E	14	29.88		82	76	80	bc	cu	SSE	5	40	2	E	
12	133.2	15	6	15	5	223	E	14	29.88		82	76	80	bc	cu	SSE	5	40	2	E	

g Latitude <u> 17-52-00 N </u> Longitude <u> 161-20-00 W </u>	Received <u> 373,227 g </u> Expended <u> 22,235 " </u> On hand <u> 1,133,575 " </u>	DRILLS AND EXERCISES
g Latitude <u> 17-05-00 N Obs. </u> Longitude <u> 162-04-00 W Obs. </u>	Distilled <u> 36,650 " </u> Received <u> - - - - - " </u> Expended <u> 26,730 " </u> On hand <u> 231,733 " </u>	Morning Afternoon Division 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____
g Latitude <u> 15-25-00 N Obs. </u> Longitude <u> 163-45-00 W Obs. </u>	BEFORE LEAVING PORT Draft for'd _____ Draft aft _____	
Current { Set _____ Drift _____	AFTER ENTERING PORT Draft for'd _____ Draft aft _____	
GYROCOMPASS IN USE Error <u> #2 0.4° E </u>	MAGAZINE TEMPERATURES: Maximum <u> 86° </u> Minimum <u> 79° </u>	
STANDARD MAG. COMPASS Compass No. <u> 88 </u> S. H. <u> 221 </u> Error <u> 8° E </u> Variation <u> 9-45 E </u> Deviation <u> 0-45 W </u>	NORMAL	

P.M.	Changed to all time at 1300																			
13	149.5	17	2	25	3	223	NNE	16	29.85		81	76	82	bc	cu	SSE	4	40	2	E
14	147.5	16	9	17	1	223	NNE	13	29.84		81	76	80	bc	cu	S	4	45	2	E
15	143.5	16	6	16	9	223	NNE	18	29.82		81	77	80	bc	ci cu	SE	4	45	2	E
16	147.7	17	1	17	0	223	ENE	18	29.81		81	78	80	bc	ci cu	SE	5	40	2	E
17	147.5	17	0	16	8	223	ENE	18	29.81		80	80	80	bc	a st	SE	7	45	3	E
18	147.5	17	0	16	3	223	ENE	16	29.81		80	80	80	c	a st	SE	8	40	3	E
19	148.5	17	2	17	0	223	ENE	17	29.82		80	80	80	bc	a st	SE	4	30	2	E
20	148.0	17	1	17	5	223	E	17	29.82		80	80	80	bc	cu	SE	4	20	2	E
21	148.5	17	2	17	8	223	E	17	29.82		80	80	80	bc	ci cu	SE	4	20	2	E
22	148.5	17	2	16	2	222	E	17	29.82		80	80	80	bc	ci cu	SE	3	20	2	E
23	147.5	17	1	17	0	222	E	17	29.84		80	77	80	bc	cu nb	SE	4	20	2	E
24	148.5	17	2	16	1	222	E	17	29.84		80	76	80	bc	cu	SE	2	20	2	E

SUBMERGED RUN DATA—SUBMARINES					
	1	2	3	4	5
Run No. (Serial)					
Time to submerge					
Greatest depth					

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DECLASSIFIED
#03052

By JTH NARS, Date 3/7/92

UNITED STATES SHIP COLORADO Sunday 4 July 1937
(Day) (Date) (Month)

ZONE DESCRIPTION	REMARKS.
Plus 10 $\frac{1}{2}$	
0 to 4	Steaming as before on course 223° (True), standard speed twelve (12) knots (103 rpm), steaming at 15.8 knots (128 rpm). Underway, operating singly, enroute Howland Island. Boilers 5, 6, 7, and 8 with 2-24 pole combination. Average steam - 256.25. Average R.P.M. - 133.25. <i>J. H. MAURER</i> J. H. MAURER, Ensign, U.S. Navy.
4 to 8	Steaming as before on course 223° (True), speed 15 knots (128 rpm). 0656 Shifted to #2 set steering motors. Average steam - 256.25. Average R.P.M. - 133.25. <i>A. S. WELDON</i> A. S. WELDON, Ensign, U.S. Navy.
8 to 12	Steaming as before on course 223° (True), speed 15 knots (128 rpm). 1000 Held quarters for muster. No absentees. 1020 Lighted fires under #3 boiler. 1038 Lighted fires under #1 boiler. 1156 Cut in boilers #1 and #3 on main steam line. 1200 Changed speed to 18 knots (156 rpm). Made daily inspection of magazines and powder. Conditions normal. Average steam - 255. Average R.P.M. - 134. <i>F. E. SELLERS, Jr.</i> F. E. SELLERS, Jr., Ensign, U.S. Navy.
12 to 16	Steaming as before on course 223° (True), speed 17 $\frac{1}{2}$ knots (150 rpm). 1300 All clocks set back one-half hour. Average steam - 258.75. Average R.P.M. - 147. <i>V. M. GARDNER</i> V. M. GARDNER, Ensign, U.S. Navy.
16 to 18	Steaming as before on course 223° (True), 17 $\frac{1}{2}$ knots (150 rpm). Average steam - 262. Average R.P.M. - 147.5. <i>L. O. FOX</i> L. O. FOX, Lieutenant (jg), U.S. Navy.
18 to 20	Steaming as before on course 223° (True) & (pgc), 17.5 knots (150 rpm). Average steam - 262.5. Average R.P.M. - 148.5. <i>W. B. SHORT, Jr.</i> W. B. SHORT, Jr., Lieutenant (jg), U.S. Navy.
20 to 24	Steaming as before at 17.5 knots (150 rpm). 2000 Changed course to 222° (True) & (pgc). Average steam - 263.75. Average R.P.M. - 148.25. <i>L. J. BAIRD</i> L. J. BAIRD, Ensign, U.S. Navy.

Approved: *WLF*
W. L. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.

Examined: *H. W. NEED*
H. W. NEED, Lieutenant Commander,
U. S. N., *Kaiser*

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DECLASSIFIED
X03052
By *TWH* NARS, Date 3/9/92

LOG OF THE UNITED STATES SHIP <u>COLORADO</u> BB45																					
(Name) (Identification Number)																					
AT PASSAGE <u>Howland Island, from Pearl Harbor, T.H.</u> Monday, 5 July 1937																					
(Day) (Date) (Month)																					
ZONE DESCRIPTION <u>Plus 11</u> W. L. FRIEDEL, Captain, U. S. Navy, Commanding.																					
HOURS	Miles Run Average Speed Knots	BY REVS.		BY LOG		Course (P. C.) Gyro Mag. (Indicate which)	WIND		BAROMETER		TEMPERATURE			WATER AT SURFACE	CLOUDS			SEA			
		Natural	True	Natural	True		Direction	Force	Height of Bar	Reading at Tm.	Air	Surf. Sea	Wet Bulb		Wet Bulb	Form	Motion From	Amount	Visibility	Condition	Force
A.M.	1	148.5	17	2	19	1	222	E	17	29.82	80	76	80	bc	cu	SE	2	20	2	E	
	2	147.5	17	1	17	0	222	E	17	29.80	79	75	80	bc	cu	SE	2	20	2	E	
	3	147.5	17	1	16	7	222	E	17	29.78	79	75	80	bc	cu	SE	2	20	2	E	
	4	148.5	17	2	17	5	222	E	17	29.78	79	75	80	bc	cu	SE	2	24	2	E	
	5	147.5	17	1	16	2	222	E	17	29.78	79	75	81	bc	cu	SE	3	25	2	E	
	6	148.5	17	2	17	8	222	E	16	29.79	79	75	81	bc	cu	SE	4	40	2	E	
	7	146.7	16	9	16	6	222	ENE	16	29.79	80	76	81	bc	ci	cu	E	4	40	2	E
	8	147.5	17	1	17	4	222	ENE	16	29.82	81	77	81	bc	ci	cu	E	6	40	3	E
	9	147.5	17	1	17	0	221	NNE	18	29.82	82	77	81	c	ci	st	E	8	40	3	E
	10	147.5	17	1	17	3	221	NNE	18	29.82	82	78	81	o	st	cu	E	9	30	3	E
	11	147.5	17	1	17	4	221	N	24	29.82	82	78	81	o	st	cu	NE	10	30	3	E
	12	147.5	19	1	16	5	221	N	22	29.81	81	77	82	o	st	cu	NE	10	30	3	E

♂ Latitude <u>12-52-30 N Obs.</u> ♀ Longitude <u>166-17-00 W Obs.</u>	♂ Latitude <u>12-00-30 N Obs.</u> ♀ Longitude <u>167-03-00 W Obs.</u>	DRILLS AND EXERCISES
♂ Latitude <u>10-13-00 N</u> ♀ Longitude <u>167-42-00 W</u>	Fuel Received - - - - - Expended <u>51,530 g</u> On hand <u>1,082,043 "</u>	Morning Afternoon
1900, 5 July 0530, 6 July Current { Set <u>227° (True)</u> Drift <u>0.95 knots.</u>	Water Distilled <u>39,300 "</u> Received - - - - - Expended <u>34,821 "</u> On hand <u>237,032 "</u>	Division 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____
GYROCOMPASS IN USE Error <u>0.4° E</u>	BEFORE LEAVING PORT Draft for'd _____ Draft aft _____	
STANDARD MAG. COMPASS Compass No. <u>#88</u> S. H. <u>210</u> Error <u>4.1° E</u> Variation <u>9-15° E</u> Deviation <u>3-00° E</u>	AFTER ENTERING PORT Draft for'd _____ Draft aft _____	
	MAGAZINE TEMPERATURES Maximum <u>87°</u> Minimum <u>80°</u>	
	NORMAL	

SUBMERGED RUN DATA—SUBMARINES														
	1	2	3	4	5									
Run No. (Serial)														
Time to submerge														
Greatest depth														

DECLASSIFIED
103052
By TTH NARS, Date 3/7/72

UNITED STATES SHIP C O L O R A D O Monday 5 July 1937
(Day) (Date) (Month)ZONE DESCRIPTION... Plus 11

REMARKS.

0 to 4

Steaming enroute Pearl Harbor, T.H., to Howland Island, in accordance with ComFourteen dispatch 0002 2115 of July 1937, to assist in search for the lost plane of Amelia Earhart Putnam, on course 222° (True) & (pgc), speed 17 knots (148 rpm). Boilers #1, 3, 5, 6, 7, 8; 2-24 pole combination. 0130 Sharp, B.R., University of Washington R.O.T.C. Unit, was placed on the sick list. Diagnosis: Contusion, right shoulder. Cause:- fell out of hammock. Average steam - 262.5. Average R.P.M. - 148.

Chas F. Sell
CHAS. F. SELL,
Lieutenant (jg), U.S. Navy.

4 to 8

Steaming as before on course 222° (True & pgc) at 17 knots (148 rpm); standard speed 12 knots (103 rpm). 0650 Made routine shift to #1 set of steering motors. Average steam - 261.25. Average R.P.M. - 147.5.

E. W. Abbot
E. W. ABBOT,
Ensign, U.S. Navy.

8 to 12

Steaming as before. 0800 Changed course to 221° (True) & (pgc). Standard speed 12 knots (103 rpm), steaming at 150 rpm, 17 knots. 0945 Article 1A-13, Ordnance & Gunnery Exercises, complied with in preparation for firing Anti-Aircraft Battery. 1000 Quarters for muster. No absentees. 1035 Commenced firing #3 Anti-Aircraft gun. 1035 Ceased firing. Ammunition expended for 5"/25 caliber R.O.T.C. anti-aircraft procedure demonstration: four (4) 5"/25 cal. AA common cartridges SPDW 2207, proj. Mk. XXVIII-2, fuze 45 sec., Mk. XVI-3, det. ele. Mk. VIII (overhauled) tracer white, Mk. VI, Exp. "D", Dens. 1.3, primer Mk. XIII, 2175 f.s. 1130 Made daily inspection of powder and magazines. Conditions normal. Average steam - 263.75. Average R.P.M. - 147.5.

J. H. Maurer
J. H. MAURER,
Ensign, U.S. Navy.

12 to 16

Steaming as before. 1200 Fired national salute with the Ensign at the peak. Average steam - 260. Average R.P.M. - 147.25.

A. R. Weldon
A. R. WELDON,
Ensign, U.S. Navy.

16 to 18

Steaming as before on course 221° (True) & (pgc), standard speed 12 knots (103 rpm), steaming at 17 knots (150 rpm). 1520 Michael, H.W., N.R.O.T.C. C-6, was added to the sick list. Diagnosis: Contusion, right hand. Degree of injury: Minor. Average steam - 267.5. Average R.P.M. - 148.

J. O. Lambrecht
J. O. LAMBRECHT,
Lieutenant, U.S. Navy.

18 to 20

Steaming as before on course 221° (True), 17 knots (150 rpm), standard speed 12 knots (103 rpm). Average steam - 265. Average R.P.M. - 148.

L. C. Fox
L. C. FOX,
Lieutenant (jg), U.S. Navy.

20 to 24

Steaming as before on course 221° (True), speed 17.5 knots (150 rpm). Average steam - 261.25. Average R.P.M. - 147.5.

F. E. Sellers Jr.
F. E. SELLERS jr.,
Ensign, U.S. Navy.

Approved: *W. L. Friedell*
W. L. FRIEDEL,
Captain, U.S. Navy,
Commanding.

Examined: *H. W. Need*
H. W. NEED, Lieutenant Commander,
U. S. N., *Ward factor.*

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X03052
By *7/18/92* NARS, Date 3/7/92

LOG OF THE UNITED STATES SHIP <u>COLORADO</u> BB45																																											
(Name)																		(Identification Number)																									
AT PASSAGE <u>Pearl Harbor, T.H., TO Howland Island</u> Tuesday 6 July 1937																																											
(Day) (Date) (Month)																																											
ZONE DESCRIPTION <u>Plus 11</u> <u>W. L. FRIEDEL, Captain, U. S. Navy, Commanding.</u>																																											
Hour	"All Start" Average Hour	BY REVS.		BY LOG		COORNS (P. C.) Gyro X Mag. (Indicate which)	WIND		BAROMETER		TEMPERATURE			WEATHER BY OBSERV.	CLOUDS			SEA																									
		Natural Miles	FATHS	Natural Miles	FATHS		Direction	Force	Height in Inches	Baro. at Time	Air, Dry Bulb	Air, Wet Bulb	Water, at Surface		Form	Motion From-	Amount	Visibility	Condition	Swells																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																								
A.M.																																											
1	146.5	17	0	17	5	221	E	19	29.80		80	77	83	bc	st	cu	E	2	20	2	SE																						
2	147.5	17	1	16	4	221	ENE	8	29.80		80	77	83	bc	st	cu	E	2	20	2	SE																						
3	149.5	17	1	19	2	221	ENE	9	29.78		80	77	82	bc	st	cu	E	3	20	2	E																						
4	147.5	17	1	17	8	221	ENE	9	29.77		80	77	82	bc	st	cu	E	3	20	2	E																						
5	147.5	17	1	17	0	221	ENE	11	29.76		80	77	83	bc	st	cu	E	3	20	2	E																						
6	147.5	17	1	17	4	221	E	10	29.76		80	77	83	bc	a	cu	E	3	20	2	E																						
7	146.5	17	0	16	8	221	NE	12	29.77		80	77	84	bc	ci	cu	E	3	30	2	E																						
8	147.5	17	1	17	0	205	ENE	19	29.80		81	78	84	bc	ci	cu	E	5	35	2	E																						
9	150.5	17	8	17	0	205	ENE	20	29.80		82	80	84	bc	ci	cu	SE	5	50	2	SE																						
10	150.5	17	4	17	8	205	ENE	20	29.80		84	81	84	bc	cu	SE	6	50	2	SE																							
11	154.5	17	8	17	4	205	EXN	21	29.81		85	81	84	bc	cu	SE	5	50	2	SE																							
12	155.5	17	9	18	2	205	EXN	21	29.81		86	81	84	bc	cu	SE	5	50	2	SE																							
F.M.																																											
13	156.6	18	1	18	8	205	EXN	13	29.79		85	82	84	bc	ou	E	4	50	1	ESE																							
14	155.5	17	9	17	5	205	EXN	14	29.78		85	82	85	c	ci	cu	E	8	50	1	ESE																						
15	154.5	17	8	18	5	205	EXN	14	29.74		84	82	85	c	al	cu	E	7	50	1	ESE																						
16	154.8	17	8	17	6	205	E	10	29.74		84	83	84	c	al	cu	E	8	50	1	ESE																						
17	156.5	18	1	18	0	205	E	10	29.74		84	83	85	c	al	cu	E	8	50	1	ESE																						
18	156.5	18	1	18	5	205	SEXS11	29.74		84	83	85	bc	a	cu	E	3	50	2	ESE																							
19	156.2	18	1	18	0	205	SEXS11	29.74		84	83	85	bc	a	cu	E	3	50	2	ESE																							
20	155.5	17	9	17	9	205	SEXS11	29.76		83	82	85	bc	a	cu	E	3	20	2	ESE																							
21	156.5	18	1	18	4	205	SEXS11	29.78		82	82	85	bc	st	cu	SE	3	20	2	ESE																							
22	156.5	18	1	18	1	205	ENE	17	29.80		82	79	85	bc	st	cu	SE	3	20	2	ESE																						
23	155.5	17	9	17	8	205	ENE	20	29.80		82	79	85	bc	st	cu	E	3	20	2	E																						
24	156.5	18	1	18	6	205	ENE	20	29.80		82	78	85	bc	st	cu	E	6	15	2	E																						
SUBMERGED RUN DATA—SUBMARINES																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> </tr> </thead> <tbody> <tr> <td>Run No. (Serial)</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Time to submerge</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Greatest depth</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																					1	2	3	4	5	Run No. (Serial)						Time to submerge						Greatest depth					
	1	2	3	4	5																																						
Run No. (Serial)																																											
Time to submerge																																											
Greatest depth																																											

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DECLASSIFIED
103052

By ZTH NARS, Date 3/9/92

UNITED STATES SHIP COLORADO Tuesday 6 July 1937
(Day) (Date) (Month)ZONE DESCRIPTION Plus 11

REMARKS.

0 to 4

Steaming on course 221° (True), for Howland Island, standard speed 12 knots (103 rpm), steaming at 17 knots (150 rpm). Boilers 1, 3, 5, 6, 7, 8 on the main steam line, both machinery spaces, 2-24 pole combination. Average steam - 263.7. Average R.P.M. - 147.25.

D. M. Johnson
D. M. JOHNSON,
Ensign, U.S. Navy.

4 to 8

Steaming as before on course 221° (True) & (pgc) at 17 knots (150 rpm). Average steam - 263.75. Average R.P.M. - 147.25.

L. B. Baird
L. B. BAIRD,
Ensign, U.S. Navy.

8 to 12

Steaming as before. 0800 Changed course to 205° (True) & (pgc); changed speed to 18 knots (155 rpm), heading for unnamed reef, approximate position 10°-00' South, 174°-50' West. Made daily inspection of magazines and smokeless powder samples. Conditions normal. 0900 Quarters for muster. No absentees. 1130 Held Captain's mast and the following men were placed in solitary confinement on bread and water by order of the Commanding Officer: Udick, R.V., S2c., three days; DiLella, A.R., F3c., three days. Average steam - 256. Average R.P.M. - 152.2.

Chas. F. Sell
CHAS. F. SELL,
Lieutenant (jg), U.S. Navy.

12 to 16

Steaming as before on course 205° (True) & (pgc) at 18 knots (155 rpm). Average steam - 253.75. Average R.P.M. - 155.75.

E. W. Abbott
E. W. ABBOTT,
Ensign, U.S. Navy.

16 to 18

Steaming as before on course 205° (True) & (pgc) at 18 knots (155 rpm). Average steam - 262.5. Average R.P.M. - 156.5.

W. B. Short, Jr.
W. B. SHORT, Jr.,
Lieutenant (jg), U.S. Navy.

18 to 20

Steaming as before on course 205° (True) & (pgc) at 18 knots (155 rpm). Average steam - 260. Average R.P.M. - 156.

J. O. Lambrecht
J. O. LAMBRECHT,
Lieutenant, U.S. Navy.

20 to 24

Steaming as before on course 205° (True) & (pgc) at 18 knots (155 rpm). 2130 Reanier, T.W., R.O.T.C., was placed on the sick list with diagnosis: Gastroenteritis, acute. 2145 Commenced searchlight illumination at alternate 15 minute intervals. Average steam - 260. Average R.P.M. - 156.25.

J. H. Maurer
J. H. MAURER,
Ensign, U.S. Navy.

Approved: *W. L. Friedell*
W. L. FRIEDEL,
Captain, U.S. Navy,
Commanding.

Examined: *H. W. Need*
H. W. NEED, Lieutenant Commander,
U. S. N., Navigator.

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DECLASSIFIED	
203052	
By <i>7/16</i>	NARS, Date <i>3/7/72</i>

LOG OF THE UNITED STATES SHIP <u> C O L O R A D O </u> BB45																						
(Name) (Identification Number)																						
AT PASSAGE <u> Pearl Harbor, T.H., </u> TO <u> Howland Island </u> <u> Wednesday, 7 July </u> 19 <u> 37 </u>																						
(Day) (Date) (Month)																						
ZONE DESCRIPTION <u> Plus 11 </u> <u> W. L. FRIEDEL, </u> <u> Captain, </u> U. S. Navy, Commanding.																						
Hour	"All Shift" Average Report-Tons	BY REVS.		BY LOG		Course (P. C.) Gyro Mag. (indicate which)	WIND		BAROMETER			TEMPERATURE				WEATHER BY SYMBOLS	CLOUDS				SEA	
		Nautical Miles	Turns	Nautical Miles	Turns		Direction	Force	Height in Inches	Reading at Free	Air	Wet Bulb	Wet Bulb	Water at Surface	Form		Moving From	Amount	Visibility	Condition	Swells From	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20			
A.M.	155.5	18	0	18	4	205	E	17	29.80	82	78	84	bc	st cu	E	5	20	2	E			
2	156.5	18	1	18	4	205	E	21	29.77	82	77	84	bc	st cu	E	3	20	2	E			
3	155.5	17	9	18	2	205	E	27	29.76	82	79	84	bcq	st cu	E	3	15	2	E			
4	157.0	18	0	18	3	205	E	22	29.75	81	79	84	bc	st cu	E	3	15	2	E			
5	156.5	18	1	17	8	205	SE	13	29.76	78	77	84	c	nb	SE	3	15	1	E			
6	116.5	15	8	13	5	205	SE	13	29.75	78	77	84	bc	st cu	SE	6	30	1	SE			
7	64.5	7	8	12	0	205	ESN	9	29.75	79	78	84	bc	cu	S	4	40	1	SE			
8	57.6	7	0	6	4	205	EXN	9	29.78	81	79	84	bc	st cu	S	4	50	1	SE			
9	58.5	7	1	6	4	205	EXN	10	29.78	82	79	84	bc	cu	S	3	50	1	SE			
10	57.5	6	9	6	9	205	EXN	10	29.80	84	79	84	bc	st cu	S	5	50	1	SE			
11	58.5	7	1	6	4	205	EXN	10	29.81	84	79	84	bc	st cu	SE	4	50	1	SE			
12	100.0	11	7	10	8	205	EXN	9	29.81	84	79	84	bc	cu	SE	4	50	1	SE			

A Latitude <u> 1-28-00 N </u> Obs. S Longitude <u> 173-54-00 W </u> Obs.	Fuel { Received - - - - - Expended <u> 63,452 g </u> On hand <u> 1,001,565 " </u>	DRILLS AND EXERCISES
Noon Latitude <u> 0-55-00 N </u> Longitude <u> 174-11-00 W </u>	Water { Distilled <u> 36,700 " </u> Received - - - - - Expended <u> 31,682 " </u> On hand <u> 251,741 " </u>	Morning _____ Afternoon _____
S Latitude <u> 0-14-00 S </u> obs Longitude <u> 175-17-00 W </u>	BEFORE LEAVING PORT Draft for'd _____ Draft aft. _____	Division 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____
Current { Set <u> 260° </u> Drift <u> 1.33 knots </u>	AFTER ENTERING PORT Draft for'd _____ Draft aft. _____	
GYROCOMPASS IN USE Error <u> 0.1 W </u>	MAGAZINE TEMPERATURES: Maximum <u> 89° </u> Minimum <u> 83° </u>	
STANDARD MAG. COMPASS Compass No. <u> #88 </u> S. H. <u> 246 </u> Error <u> 14° E </u> Variation <u> 9° E </u> Deviation <u> 5° E </u>	NORMAL	

P.M.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
13	111.5	13	5	10	8	205	SE	13	29.81	84	79	83	bc	cu	SE	3	50	2	SE					
14	113.5	13	3	13	9	195	SE	13	29.74	84	79	83	bc	cu	SE	3	50	2	SE					
15	112.5	13	2	13	2	195	SE	13	29.70	85	80	82	bc	cu	SE	3	50	2	SE					
16	113.5	13	3	13	4	195	SE	13	29.71	84	79	83	bc	cu	SE	3	50	2	SE					
17	104.5	12	1	11	4	195	SE	16	29.71	84	79	83	bc	cu	SE	6	50	2	SE					
18	67.5	8	1	8	0	260	SE	16	29.72	84	79	83	bc	cu	SE	3	50	2	SE					
19	64.5	7	8	7	6	260	SE	16	29.72	84	79	83	bc	cu	SE	3	20	2	SE					
20	64.5	7	8	7	6	260	SSE	6	29.73	82	79	83	bc	cu	SE	3	20	2	SE					
21	66.5	8	0	7	9	260	SSE	8	29.76	81	78	83	bc	cu nb	SE	3	20	2	SE					
22	67.5	8	1	7	9	260	SSE	8	29.78	81	78	83	bc	nb	SE	1	20	2	SE					
23	67.5	8	1	7	7	260	SSE	8	29.78	82	78	83	bc	cu	SE	2	20	2	SE					
24	66.5	7	9	8	0	260	SSE	8	29.79	82	78	83	bc	cu nb	SE	3	20	2	SE					

SUBMERGED RUN DATA—SUBMARINES					
	1	2	3	4	5
Run No. (Serial)					
Time to submerge					
Greatest depth					

DECLASSIFIED
103052
By TWH NARS, Date 3/7/92

UNITED STATES SHIP C O L O R A D O Wednesday 7 July 1937
(Day) (Date) (Month)

ZONE DESCRIPTION Plus 11

REMARKS.

0 to 4

Steaming enroute Pearl Harbor, T.H., to unnamed reef, position 1° 00' 00" South, 174° 50' 00" West, to assist in search for the lost plane of Amelia Earhart Putnam, on course 205° (True) & (pgc), standard speed 12 knots (103 rpm), steaming at 18 knots (155 rpm). Boilers #1, 3, 5, 6, 7, and 8 with 2-24 pole combination in use. Showing searchlight on each beam for 15 minutes every other 15 minutes. Average steam - 260. Average R.P.M. - 156.1.

A. C. Weldon
A. C. WELDON,
Ensign, U.S. Navy.

4 to 8

Steaming as before on course 205° (True), speed 18.5 knots (155 rpm), standard speed 12 knots (103 rpm). 0508 Sighted U.S.C.G. Cutter 'Itasca' bearing 206.5° (True), distance 20 miles. 0508 All engines ahead standard speed, 12 knots (103 rpm). 0525 Shifted to 1-24 pole combination, forward machinery space; secured after machinery space; boilers #6 and #8 carried zero burners. 0545 Boiler #7 carried zero burners. 0611 All engines ahead 2/3 speed (58 rpm). 0622 Shifted to 1-36 pole combination. 0704 U.S.C.G. Cutter 'Itasca' came alongside, bow and breast line put over. 0731 Commenced fueling Itasca. Average steam - 260. Average R.P.M. - 98.8.

F. E. Sellers, Jr.
F. E. SELLERS, Jr.,
Ensign, U.S. Navy.

8 to 12

Steaming as before on course 205° (True), speed 7 knots (58 rpm). 0800 Secured boilers 6, 7, and 8. 0920 Loomis, Floyd, N.R.O.T.C., W-7, was added to the sick list this date. Diagnosis: Contusion, right eyebrow and left knee. Degree of injury minor. 0941 Lit off No. 4 boiler. 0945 The following provisions were transferred to the U.S.C.G. Cutter 'Itasca' this date, in accordance with Authority Art. 1306-4(b)(2), BuSandA: 150 doz. eggs, 46 lbs. american cheese, 101 lbs. smoked bacon, 896 lbs. beef, 120 lbs. butter, 375 lbs. oranges, 100 lbs. pork loin, 14 ga. catsup, 1000 lbs. potatoes (Irish), 200 lbs. dry onions, 80 lbs. lettuce, 132 lbs. grapefruit, 182 lbs. chicken, 175 lbs. sugar. 1000 Made daily inspection of powder and magazines. Conditions normal. 1030 Completed fueling U.S.C.G. 'Itasca' with 60,060 gallons fuel oil. 1055 Cut in No. 4 boiler. 1100 U.S.C.G. 'Itasca' cast off. 1106 Changed speed to standard, 12 knots (103 rpm). 1107 Secured No. 5 boiler. 1109 Shifted pole combination to 1-24. 1120 Changed speed to 14 knots (116 rpm). Average steam - 257.5. Average R.P.M. - 68.6.

D. M. Gadow
D. M. GADOW,
Ensign, U.S. Navy.

12 to 16

Steaming as before on course 205° (True) & (pgc) at 14 knots (116 rpm). 1300 Shifted to plus eleven and one-half zone time. 1250 The following named man was this date treated for the following injury: Dyer, J.B., Sea2c., diagnosis: - punctured right lower abdomen. Degree of injury minor. Disposition: Duty. 1400 Changed course to 195° (True) & (pgc). 1433 Catapulted plane 4-0-4, pilot Lt. Lambrecht, observer Cadet J. A. Wilson. 1434 Catapulted plane 4-0-6, pilot Lt. (jg) Fox, observer Cadet Leake. 1436 Catapulted plane 4-0-5, pilot Lt. (jg) Short, observer Cadet Jordan. 1455 The planes of the observation unit of this ship, pilots, and observers as follows, this date crossed the Equator in Long. 174° 36' West: Plane 4-0-4, Lt. Lambrecht, Aviation Cadet Wilson; 4-0-5, Lt. (jg) Short, Aviation Cadet Jordan; 4-0-6, Lt. (jg) Fox, Aviation Cadet Leake. Average steam - 261.25. Average R.P.M. - 112.75.

L. J. Baird
L. J. BAIRD,
Ensign, U.S. Navy.

16 to 20

Steaming as before on course 195° (True), speed 14 knots (116 rpm). 1619 Changed speed to 12 knots. 1623 Crossed the Equator in Long. 174° 34' 48". 1634 Began preparations for recovery of aircraft. 1650 Hoisted aboard plane 4-0-6. 1652 Hoisted aboard plane 4-0-4. 1654 Hoisted aboard plane 4-0-5. 1711 Changed course to 260° (True); changed speed to 8 knots (67 rpm). 1718 Shifted to 1-36 pole combination. Average steam - 249. Average R.P.M. - 75.25.

Chas. F. Sell
CHAS. F. SELL,
Lieutenant (jg), U.S. Navy.

Approved: *W. L. Friedell*
W. L. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.

Examined: *H. W. Need*
H. W. NEED, Lieutenant Commander,
U. S. N., Navigator.

(Original (ribbon) copy of this page to be sent to Bureau of Navigation monthly.)

DECLASSIFIED
#03052
By *JTH* NARS, Date 3/7/92

ADDITIONAL SHEET.

U. S. S. C O L O R A D O

Date 7 July, 1957

20 to 24

Steaming as before on course 260° (True & pgc) at 8 knots (67 rpm), standard speed is 12 knots (103 rpm). 2126 The following named men were added to the sick list: Ciesaukowski, L.R., F2c., lacerated upper lip; Jung, J.J., F2c., catarrhal fever, acute. Average steam - 226.25. Average R.P.M. - 67.

E. W. ABBOT
E. W. ABBOT,
Ensign, U.S. Navy.

Approved: *WLF*
W. L. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.

Examined: *H. W. NEED*
H. W. NEED, Lieutenant Commander,
U. S. N. Navigator.

DECLASSIFIED
803052
By *JTH* NARS, Date 3/7/92

LOG OF THE UNITED STATES SHIP <u> C O L O R A D O </u>														BB45																													
(Name)														(Identification Number)																													
AT <u> Pearl Harbor, T.H., </u> TO <u> Search for Earhart </u> <u> Thursday, 8 July </u> , 19 <u> 37 </u>																																											
														(Day) (Date) (Month)																													
ZONE DESCRIPTION <u> Plus 11 1/2 </u>														<u> W. L. FRIEDEL, </u> Captain, <u> U. S. Navy, Commanding. </u>																													
Hour	"All Star" Average Tides	BY REVS.		BY LOG		Course (P. C.) Gyro <u> X </u> Mag. _____ (Indicate which)	WIND		BAROMETER		TEMPERATURE			WEATHER BY SYMBOLS	CLOUDS			SEA																									
		Natural Surf	Tenter	Natural Surf	Tenter		Direction	Force	Height in Inches	Reading at 3 P.M.	Air, Dry Bulb	Air, Wet Bulb	Water at Surface		Form	Moving From	Amount	Visibility	Condition	Swells From																							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																								
A.M.																																											
1	65.5	7	8	7	1	180	SE	9	29.76	81	79	83	bc	cu	SE	1	25	2	SE																								
2	66.5	7	9	7	5	180	SE	9	29.75	80	79	83	bc	cu nb	SE	2	25	2	SE																								
3	67.5	8	1	7	5	180	SSE	9	29.73	80	79	83	bc	ci	SE	2	25	2	SE																								
4	66.5	8	0	7	5	180	SSE	11	29.70	80	79	83	bc	ci	SE	1	25	2	SE																								
5	66.5	7	9	7	3	090	SSE	11	29.69	81	78	83	bc	cu	SE	2	20	1	SE																								
6	67.5	8	1	7	3	090	SSE	11	29.69	80	77	83	bc	cu	SE	4	30	1	SE																								
7	66.5	7	9	7	1	180	SSE	11	29.70	81	78	83	bc	cu	SE	4	40	1	SE																								
8	67.1	0	8	2	180	SSE	11	29.72	83	79	83	bc	cu	SE	3	40	1	SE																									
9	67.5	8	1	8	7	180	SSE	12	29.72	83	79	84	bc	cu	SE	3	40	1	SE																								
10	85.5	10	1	9	0	180	E	13	29.72	83	79	84	bc	cu	SE	3	40	1	SE																								
11	103.5	12	1	12	2	162	E	18	29.72	83	79	84	bc	cu	SE	4	40	1	SE																								
12	164.5	12	2	11	1	162	E	18	29.72	83	79	84	bc	cu	SE	4	40	1	SE																								
i) Latitude <u> 1-04-00 S </u> ii) Longitude <u> 175-24-00 W </u>							Fuel Received - - - - - Expended <u> 28,013 g </u> On hand <u> 912,833 " </u>		DRILLS AND EXERCISES																																		
i) Latitude <u> 1-40-30 S </u> ii) Longitude <u> 175-16-30 W </u>							Water Distilled <u> 29,000 " </u> Received - - - - - Expended <u> 30,829 " </u> On hand <u> 250,032 " </u>		Morning					Afternoon																													
i) Latitude <u> 2-43-00 S Obs </u> ii) Longitude <u> 175-01-00 W Obs </u>							BEFORE LEAVING PORT Draft for'd _____ Draft aft. _____		Division 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____																																		
Current { Set <u> 307° </u> Drift <u> .44 knots </u>							AFTER ENTERING PORT Draft for'd _____ Draft aft. _____																																				
GYROCOMPASS IN USE Error <u> 0.1 E </u>							MAGAZINE TEMPERATURES: Maximum <u> 90° </u> Minimum <u> 83° </u>		NORMAL																																		
STANDARD MAG. COMPASS Compass No. <u> 88 </u> S. H. <u> 179.9 </u> Error <u> 7.9° E </u> Variation <u> 9.0° E </u> Deviation <u> 2.9° W </u>																																											
F.M.																																											
13	104.5	12	2	12	2	162	SSE	18	29.72	79	79	84	bc	cu	SE	4	40	1	SE																								
14	73.5	9	8	8	9	162	SSE	18	29.70	86	80	84	bc	cu ci	SE	4	50	1	SE																								
15	67.5	8	1	7	5	162	ESE	17	29.69	86	81	84	bc	cu ci	SE	4	50	1	SE																								
16	81.5	10	7	9	4	162	ESE	17	29.69	86	81	84	bc	cu	SE	4	50	1	SE																								
17	66.5	7	9	7	7	162	NE	13	29.68	86	81	85	bc	cu	SE	4	50	1	SE																								
18	87.4	10	2	8	8	180	NE	14	29.69	84	79	84	bc	cu	SE	4	40	1	SE																								
19	66.5	7	9	7	2	180	NE	14	29.70	84	79	85	bc	cu	SE	3	35	1	SE																								
20	67.5	8	1	7	9	180	NE	14	29.71	84	79	85	bc	cu	SE	3	30	2	SE																								
21	67.5	8	1	8	7	180	NE	14	29.72	81	79	85	bc	st cu	NE	2	30	1	SE																								
22	67.5	8	1	6	5	180	NE	14	29.73	83	80	85	bc	st cu	NE	3	30	1	SE																								
23	66.5	7	9	7	7	180	NE	14	29.73	82	80	85	bc	st cu	NE	3	25	1	SE																								
24	66.5	7	9	7	7	180	NE	14	29.74	82	80	85	bc	st cu	NE	2	25	1	SE																								
SUBMERGED RUN DATA—SUBMARINES																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th> </tr> </thead> <tbody> <tr> <td>Run No. (Serial)</td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Time to submerge</td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Greatest depth</td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>																					1	2	3	4	5	Run No. (Serial)						Time to submerge						Greatest depth					
	1	2	3	4	5																																						
Run No. (Serial)																																											
Time to submerge																																											
Greatest depth																																											

DECLASSIFIED
#03052

By TTH NARS, Date 3/9/92

UNITED STATES SHIP C O L O R A D O Thursday 8 July 1937
(Day) (Date) (Month)

ZONE DESCRIPTION Plus 11 1/2

REMARKS.

0 to 4

Steaming as before on course 260° (True) & (pgc) enroute Phoenix Islands in search of Earhart plane. Standard speed 12 knots (103 rpm), steaming at 8 knots (67 rpm). Boilers #1 and #4 on the line, 1-36 pole combination, forward space. 0000 Changed course to 180° (True). Average steam - 237.5. Average R.P.M. - 66.5.

J. H. Maurer
J. H. MAURER,
Ensign, U.S. Navy.

4 to 8

Steaming as before on course 180° (True), standard speed 12 knots (103 rpm), steaming at 8 knots (67 rpm). 0400 Changed course to 090° (True). 0620 Shifted to #2 set steering motors. 0630 Flight quarters. 0631 Changed course to 180° (True). 0654 Catapulted plane 4-0-4, pilot Lieut. Lambrecht, U.S.N., observer Marks, J.L., Slc., U.S.N. 0655 Catapulted plane 4-0-6, pilot Cadet Wilson, U.S.N., observer Williamson, E.H., RM3c., U.S.N. 0658 Catapulted plane 4-0-5, pilot Cadet Leake, U.S.N., observer Flatt, L., Pvt., U.S.M.C. 0730 Lighted fires under #3 boiler. Average steam - 237.5. Average R.P.M. - 67.

A. R. Weldon
A. R. WELDON,
Ensign, U.S. Navy.

8 to 12

Steaming as before on course 180° (True), speed 8 knots (67 rpm). 0900 Held quarters for muster. No absentees. 0915 Cut in #3 boiler on main steam line. 0915 Changed speed to 10 knots (85 rpm). 0933 All engines ahead standard, 12 knots (103 rpm). 0950 Sounded flight quarters. 1021 Changed course to 040° (True). 1027 Hoisted aboard plane 4-0-6. 1030 Hoisted aboard plane 4-0-4. 1030 Changed course to 130° (True). 1036 Hoisted plane 4-0-5 aboard. 1038 Changed course to 162° (True). 1130 Sounded flight quarters. 1150 Catapulted plane 4-0-5, pilot Lt. (jg) Short, U.S.N., observer Cadet Wilson, U.S.N. 1150 Catapulted plane 4-0-6, pilot Lt. (jg) Fox, U.S.N., observer Beekham, Sealc., U.S.N. Made daily inspection of powder and magazines. Conditions normal. Hogue, L.E., Sea2c., U.S.N., was injured at 1800, 7 July 1937, while skylarking on forecastle. Diagnosis: Concussion of brain. Degree of injury: Minor. Disposition: Sick list. Classification: "A", negligence apparent. Average steam - 261.25. Average R.P.M. - 90.25.

F. E. Sellers
F. E. SELLERS, Jr.,
Ensign, U.S. Navy.

12 to 16

Underway as before. 1311 Changed speed to 8 knots (67 rpm). 1353 Dicks, H.D., F2c., was admitted to sick list. Diagnosis: Catarrhal fever. 1515 Changed speed to 12 knots (103 rpm). 1530 Changed course to 050° (True). 1534 Hoisted in plane 4-0-6. 1536 Hoisted in plane 4-0-5. 1536 Changed course to 162° (True). Average steam - 262.5. Average R.P.M. - 81.75.

V. M. Gidrow
V. M. GIDROW,
Ensign, U.S. Navy.

16 to 20

Steaming as before on course 162° (True) & (pgc) at standard speed, 12 knots (103 rpm). 1600 Changed speed to 2/3, 8 knots (67 rpm). 1605 Shifted to 1-36 pole combination. 1615 #3 boiler carried zero burners. 1617 Catapulted plane 4-0-4, pilot Lt. Lambrecht, observer Lt. (jg) Sell. 1618 Catapulted plane 4-0-6, pilot Cadet Jordan, observer Marles, Slc. 1621 Catapulted plane 4-0-5, pilot Cadet Wilson, observer Cadet Leake. 1703 Maneuvering on various courses and at various speeds for the recovery of all aircraft with pilots and observers. 1800 Changed course to 180° (True) & (pgc) at 2/3 speed, 8 knots (67 rpm) on 1-36 pole combination. 1905 Secured #3 boiler. Average steam - 235. Average R.P.M. - 72.

L. P. Baird
L. P. BAIRD,
Ensign, U.S. Navy.

20 to 24

Steaming as before, course 180° (True) & (pgc), steaming at two-thirds speed, 8 knots (67 rpm). Average steam - 235. Average R.P.M. - 67.

Chas. F. Sell
CHAS. F. SELL,
Lieutenant (jg), U.S. Navy.

Approved: W. L. FRIEDEL, Captain, U.S. Navy, *WLF*
Commanding.

Examined: *H. W. Need*
H. W. NEED, Lieutenant Commander,
U. S. N., Navigator.

(Original (ribbon) copy of this page to be sent to Bureau of Navigation monthly.)

DECLASSIFIED
103052
By *TTH* NARS, Date 3/7/72

LOG OF THE UNITED STATES SHIP <u> C O L O R A D O </u>														BB45						
(Name)														(Identification Number)						
AT <u> Sea, Conducting Search for Earhart Plane </u>											Friday <u> 9 </u> July <u> 1937 </u>									
Passage											(Day) (Date) (Month)									
ZONE DESCRIPTION <u> Plus 11 1/2 </u>						W. L. FRIEDEL, Captain, U. S. Navy, Commanding.														
HOOR	"All-Sun" AVERAGE REVOLUTIONS	BY REVS.		BY LOG		COURSE (P. C.) Gyro <u> X </u> Mag. _____ (Indicate which)	WIND		BAROMETER			TEMPERATURE			WEATHER BY SYMBOLS	CLOUDS			SEA	
		NAT. MILES	TERMS	NAT. MILES	TERMS		DIRECTION	FORCE	HIGHER IN FEET	READING AT TEMP.	AIR DRY BULB	AIR WET BULB	WATER AT SURFACE	FORM		MOVING FROM-	HEIGHT	VISIBILITY	CONDITION	SWELL FROM
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
A.M.																				
1	67.5	8	1	7	7	180	NE	12	29.73	83	80	84	bc	cu	NE	4	25	1	SE	
2	66.5	7	9	7	8	180	NE	12	29.71	83	80	84	bc	cu	NE	4	25	1	SE	
3	66.5	7	9	7	7	180	NE	12	29.71	83	80	84	bc	st cu	NE	2	25	1	SE	
4	67.5	8	1	7	2	180	NE	12	29.70	83	79	84	bc	st cu	NE	2	25	1	SE	
5	66.5	7	9	7	7	115	NE	12	29.69	82	78	84	bc	st cu	NE	2	25	1	SE	
6	66.5	7	9	7	0	115	NE	12	29.69	82	78	85	bc	st cu	NE	4	25	1	SE	
7	67.5	8	1	7	5	150	E	12	29.70	83	78	85	bc	ci cu	E	4	30	1	SE	
8	108.7	12	7	12	1	150	E	12	29.70	82	79	85	bc	ci cu	E	4	40	1	SE	
9	112.5	13	1	13	4	150	E	12	29.71	83	79	85	bc	ci cu	E	4	40	1	SE	
10	109.5	12	8	12	3	150	E	12	29.71	83	79	85	bc	ci cu	E	4	40	1	SE	
11	103.5	12	0	11	7	085	E	12	29.71	84	80	85	bc	ci cu	E	4	40	1	SE	
12	110.5	12	9	12	4	090	E	12	29.70	84	80	85	bc	ci cu	E	4	40	1	SE	

S. Lat. <u> 4-03-00 </u> S S. Long. <u> 174-40-00 </u> W	Fuel { Received <u> - </u> Expended <u> 13,016 </u> g On hand <u> 899,817 </u> "	DRILLS AND EXERCISES
N. Lat. <u> 4-33-00 </u> S N. Long. <u> 174-06-00 </u> W	Water { Distilled <u> 27,850 </u> " Received <u> 1,236 </u> " Expended <u> 29,654 </u> " On hand <u> 249,748 </u> "	Morning Afternoon Division 1 2 3 4 5 6 7 8 9
S.P. Lat. <u> 4-10-00 </u> S S.P. Long. <u> 173-11-30 </u> W	BEFORE LEAVING PORT Draft for'd _____ Draft aft. _____	
Current { Set <u> 307° </u> Drift <u> .72 </u> knots	AFTER ENTERING PORT Draft for'd _____ Draft aft. _____	
GYROCOMPASS IN USE Error <u> 1° </u> E	MAGAZINE TEMPERATURES: Maximum <u> 90° </u> Minimum <u> 83° </u>	
STANDARD MAG. COMPASS Compass No. <u> 88 </u> S. H. <u> 345 </u> Error <u> 6.5° </u> E Variation <u> 9.0° </u> E Deviation <u> 2.5° </u> W	NORMAL	

P.M.	1	2	3	4	5	COURSE	WIND	FORCE	BAROMETER	TEMPERATURE	WEATHER BY SYMBOLS	CLOUDS	SEA						
														FORM	MOVING FROM-	HEIGHT	VISIBILITY	CONDITION	SWELL FROM
13	111.5	13	1	12	5	090	ENE	14	29.70	83	79	84	bc	a cu	E	4	40	1	SE
14	109.5	12	8	12	4	090	ENE	14	29.66	83	79	85	bc	a cu	E	4	40	1	SE
15	110.5	12	9	12	4	090	ENE	14	29.66	83	79	85	bc	a cu	E	4	40	1	SE
16	110.0	12	9	13	0	090	ENE	14	29.66	84	79	84	bc	a cu	E	4	40	1	SE
17	102.5	12	0	11	4	000	ENE	14	29.67	84	80	84	c	cu	NE	9	45	2	NE
18	66.5	7	9	7	3	000	E	22	29.68	84	80	84	bc	ci cu	E	7	45	2	NE
19	69.5	8	1	7	6	000	E	22	29.68	81	79	84	bc	st cu	NE	4	35	2	NE
20	67.0	8	0	7	9	000	E	22	29.70	83	79	85	bc	-- --	--	--	25	1	NE
21	67.5	8	1	7	3	000	NE	16	29.71	83	79	85	b	----	--	--	25	1	NE
22	66.5	7	9	7	3	000	NE	16	29.72	83	80	84	bc	st cu	NE	1	25	1	NE
23	66.5	7	9	7	3	090	NE	15	29.72	83	79	84	bc	st cu	NE	1	25	1	NE
24	67.5	8	1	7	5	090	NE	15	29.72	83	79	84	bc	st cu	NE	2	25	1	NE

SUBMERGED RUN DATA—SUBMARINES					
Run No. (Serial)	1	2	3	4	5
Time to submerge					
Greatest depth					

(Original ribbon copy of this page to be sent to Bureau of Navigation monthly) 4-5483 U. S. GOVERNMENT PRINTING OFFICE

DECLASSIFIED
#03052

By 777/ NARS, Date 3/9/92

UNITED STATES SHIP C O L O R A D O Friday 9 July 19 37
(Day) (Date) (Month)

ZONE DESCRIPTION Plus 11 1/2 REMARKS.

0 to 4

Steaming singly on course 180° (True & pgc) at two-thirds standard speed, 8 knots (67 rpm). Standard speed 12 knots (103 rpm). Boilers 1 and 4 steaming and forward engine room space in use. Ship steaming in the vicinity of the Phoenix Islands on search mission for Earhart plane. Average steam - 231.25. Average R.P.M. - 67.

E. W. ABBOT
E. W. ABBOT,
Ensign, U.S. Navy.

4 to 8

Steaming as before on course 180° (True) & (pgc). 0400 Changed course to 115° (True). 0642 Made daily shift of steering motors. Set #1 now in use. 0649 Changed course to 135° (True). 0654 Cut in #3 boiler on the line. 0656 Plane 4-0-4 was catapulted from quarterdeck, Lt. Lambrecht pilot, Marks, Slc., observer. 0656 1/2 Plane 4-0-6 was catapulted from high catapult, Lt. (jg) Fox pilot, Williamson, RM3c., observer. 0700 Plane 4-0-5 was catapulted from quarterdeck, Lt. (jg) Short pilot, Lt. Chillingworth observer. 0701 Changed course to 150° (True). Increased speed to 13 knots (110 rpm). 0702 Shifted to 1-24 pole combination. Average steam - 242.5. Average R.P.M. - 74.8.

J. H. MAUKER
J. H. MAUKER,
Ensign, U.S. Navy.

8 to 12

Steaming as before on course 150° (True) & (pgc). 0800 Mustered on stations. No absentees. 0915 The following named men were released from confinement: Udick, R.V., Slc., three (3) days; DiLella, A.H., F3c., three (3) days. 0945 Sighted Gardner Island bearing 179.5° (True), distance about fifteen (15) miles. Sighted wrecked ship a little to right of island, bearing 180° (True). 1020 Changed course to 015° (True). 1025 Hoisted in plane 4-0-4. 1027 Changed course to 105° (True). 1035 Changed speed to 10 knots. 1035 Hoisted in plane 4-0-6. 1037 Hoisted in plane 4-0-5. 1038 Changed speed to 12 knots. 1047 Changed course to 085° (True). 1115 Changed course to 090° (True). 1117 Changed course to 110° (True). 1120 Changed course to 090° (True). Average steam - 263.75. Average R.P.M. - 109.

A. H. WELDON
A. H. WELDON,
Ensign, U.S. Navy.

12 to 16

Steaming as before on course 090° (True), speed 13 knots (110 rpm). 1335 Sounded flight quarters. 1350 Changed course to 120° (True). 1354 Catapulted plane 4-0-4, pilot Lieut. Lambrecht, U.S.N., observer Cadet Wilson, U.S.N. 1355 Catapulted plane 4-0-6, pilot Lt. (jg) Fox, U.S.N., observer Cadet Jordan, U.S.N. 1358 Catapulted plane 4-0-5, pilot Lt. (jg) Short, U.S.N., observer Ens. Sullivan, U.S.N. 1359 Changed course to 090° (True). LaMarche, R.E., Sealc., U.S.N., was injured on the forecandle at 0900 this date during Neptune Party. Diagnosis: Wound, punctured abdomen. Degree of injury: Minor. Injured while participating in Neptune Party, being accidentally stabbed in abdomen by scissors which were in his pocket. Negligence not apparent. Lloyd, B.W., F3c., U.S.N., was placed on sick list this date with dislocated shoulder. Degree of injury: Minor. Injury occurred during Neptune Party when thrown in tank. Negligence not apparent. Average steam - 256.25. Average R.P.M. - 110.5.

F. E. SELLERS, JR.
F. E. SELLERS, JR.,
Ensign, U.S. Navy.

16 to 20

Underway as before. 1637 Changed course to 110° (True); changed speed to 12 knots (103 rpm). 1642 Changed course to 015° (True). 1645 Hoisted in plane 4-0-4. 1646 Changed course to 100° (True). 1650 Hoisted in plane 4-0-6. 1653 Hoisted in plane 4-0-5. Changed course to 000° (True). 1654 All engines ahead 2/3, 8 knots (67 rpm). Shifted to 1-36 pole combination. 1827 Secured #3 boiler. Average steam - 237.5. Average R.P.M. - 76.4.

A. M. GARRON
A. M. GARRON,
Ensign, U.S. Navy.

20 to 24

Steaming as before on course 000° (True) at 8 knots (67 rpm). 2230 Changed course to 090° (True). Average steam - 231.25. Average R.P.M. - 67.

Approved: *W. L. Friedell*
W. L. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.

Examined: *L. G. Baird*
L. G. BAIRD, Ensign, U.S. Navy.

H. W. Need
H. W. NEED, Lieut. Comdr., U.S.N., Navigator.

(Original (ribbon) copy of this page to be sent to Bureau of Navigation monthly.)

DECLASSIFIED
203052
By *TTH* NARS, Date 3/9/72

LOG OF THE UNITED STATES SHIP <u> C O L O R A D O </u>															BB45					
(Name)															(Identification Number)					
At Sea, Conducting Search for Earhart Plane										Saturday, 10 July		1937								
(Passage)										(Day)		(Month)								
ZONE DESCRIPTION <u> Plus 11 1/2 </u>					<u> W. L. FRIEDEL, </u> Captain, <u> U. S. Navy, Commanding. </u>															
Hour	"A" Sigsbee Analog TURNS	BY REVS.		BY LOG		Course (P. C.) Gyro <input checked="" type="checkbox"/> Mag. <input type="checkbox"/> (Indicate which)	WIND		BAROMETER			TEMPERATURE			WEATHER BY SYMBOLS	CLOUDS			SEA	
		NATURAL MILES	TENTHS	NATURAL MILES	TENTHS		DIRECTION	FORCE	HEIGHT INCHES	READING AT TEMP.	AIR, DRI BULB	AIR, WET BULB	WATER AT SURFACE	FORM		MOVING FROM-	AMOUNT	VISIBILITY	CONDITION	SEAS FROM-
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
A.M.																				
1	66.5	7	9	7	4	090	NE	15	29.72	83	79	84	bc	st	cu	NE	2	30	1	NE
2	67.5	8	1	7	4	090	NEXE	15	29.70	82	77	84	bc	st	cu	NE	2	30	1	NE
3	66.5	7	9	7	3	090	NEXE	9	29.69	81	77	84	bc	st	cu	NE	2	30	1	NE
4	67.5	8	1	7	7	090	NEXE	9	29.69	81	77	84	bc	st	cu	NE	2	30	1	NE
5	66.5	7	9	7	4	090	NEXE	9	29.70	82	77	85	bc	st	cu	NE	2	30	1	NE
6	67.5	8	1	7	2	090	NEXE	10	29.70	82	77	85	bc	st	cu	NE	3	40	1	NE
7	67.1	8	0	7	8	090	ENE	13	29.70	82	77	84	bc	cu	NE	3	50	1	NE	
8	103.5	12	1	11	0	090	ENE	12	29.72	82	78	84	bc	cu	E	3	50	1	E	
9	103.5	12	1	12	6	000	ENE	10	29.73	83	78	84	bc	cu	NE	3	50	1	NE	
10	104.5	12	2	12	2	000	E	11	29.73	83	79	84	bc	cu	N	3	50	1	NE	
11	81.5	9	6	9	9	100	E	12	29.73	83	79	84	bc	a	cu	E	4	50	1	E
12	34.5	4	3	3	9	100	E	10	29.73	84	79	84	bc	a	cu	E	3	50	1	E

Lat. $\frac{1}{2}$ Latitude <u> 03-52-30 S </u> Long. $\frac{1}{2}$ Longitude <u> 172-05-00 W </u>	Fuel { Received - - - - - Expended <u> 17,034 g </u> On hand <u> 882,783 " </u>	DRILLS AND EXERCISES
Lat. $\frac{1}{2}$ Latitude <u> 03-23-00 S </u> Long. $\frac{1}{2}$ Longitude <u> 171-56-00 W </u>	Water { Distilled <u> 26,900 " </u> Received - - - - - Expended <u> 38,133 " </u> On hand <u> 238,515 " </u>	Division Morning Afternoon 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____
Lat. $\frac{1}{2}$ Latitude <u> 02-10-00 S </u> Long. $\frac{1}{2}$ Longitude <u> 171-58-30 W </u>	BEFORE LEAVING PORT Draft for'd _____ Draft aft. _____	
Current { Set <u> 285° </u> Drift <u> .75 knots </u>	AFTER ENTERING PORT Draft for'd _____ Draft aft. _____	
GYROCOMPASS IN USE Error <u> 0.3° E </u>	MAGAZINE TEMPERATURES: Maximum <u> 90° </u> Minimum <u> 84° </u>	
STANDARD MAG. COMPASS Compass No. <u> 88 </u> S. H. <u> 335.5° </u> Error <u> 15.0° E </u> Variation <u> 9.0° E </u> Deviation <u> 6.0° E </u>	NORMAL	

P.M.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
13	43.5	5	5	4	8	100	EXN	19	29.70	84	80	84	bc	a	st	E	6	50	2	E
14	43.5	5	2	4	5	100	ENE	12	29.70	84	80	84	bc	a	cu	E	5	50	2	E
15	76.5	8	5	7	5	000	ENE	14	29.67	84	80	84	bc	a	cu	ENE	5	50	2	E
16	112.5	13	2	12	8	000	ENE	14	29.67	84	80	84	bc	a	cu	ENE	5	50	2	E
17	108.5	12	7	12	2	350	SE	12	29.67	83	79	84	bc	a	cu	SE	5	50	1	E
18	124.5	14	6	15	1	350	SE	12	29.67	82	79	84	c	cu	nb	SE	8	50	1	E
19	124.5	14	6	13	9	350	SE	12	29.68	81	79	84	bc	cu	SE	3	25	1	E	
20	124.2	14	6	13	9	350	SE	13	29.69	82	79	84	bc	cu	SE	3	25	2	E	
21	123.5	14	5	14	8	350	NE	13	29.70	81	79	84	bc	cu	SE	3	25	2	E	
22	123.5	14	5	14	8	350	NE	14	29.70	81	79	83	bc	cu	NE	3	25	2	NE	
23	121.5	14	3	14	2	350	NE	14	29.70	81	79	84	bc	cu	NE	3	25	2	NE	
24	122.5	14	4	14	3	350	NE	14	29.70	81	79	84	bc	cu	NE	3	25	2	NE	

SUBMERGED RUN DATA--SUBMARINES					
	1	2	3	4	5
Run No. (Serial)					
Time to submerge					
Greatest depth					

DECLASSIFIED
403052
By TMM NARS, Date 3/7/92

UNITED STATES SHIP C O L O R A D O Saturday 10 July 1937
(Day) (Date) (Month)

ZONE DESCRIPTION Plus 11 1/2

REMARKS.

0 to 4

Steaming independently conducting search for lost plane of Amelia Earhart Putnam in Phoenix Island Area, in accordance with ComFourteen despatch 0002 2115 of July 1937; on course 090° (True) & (pgc), standard speed 12 knots, steaming at two-thirds, 8 knots (67 rpm). Boilers #1 and #4 in use, 1-36 pole combination, forward engine space. 0140 Held steering casualty drill. Average steam - 230. Average R.P.M. - 67.

Chas F. Sell
CHAS. F. SELL,
Lieutenant (jg), U.S. Navy.

4 to 8

Steaming as before on course 090° (True & pgc) at 2/3 standard speed, 8 knots (67 rpm). Standard speed is 12 knots (103 rpm). 0640 Changed course to 120° (True). Catapulted planes at the following times: 0654, plane 4-0-4, pilot Lt. Lambrecht, observer Marks, Sealc.; 0655, plane 4-0-6, pilot Lt. (jg) Fox, observer Beckham, Sealc.; 0659, plane 4-0-5, pilot Lt. (jg) Short, observer Cadet Leake. Planes to search area in and around following islands of the Phoenix group: Birnie, Sydney, Phoenix and Enderbury. 0700 Cut in #3 boiler on the line. 0700 Changed speed to standard speed, 13 knots (103 rpm). 0700 Changed course to 090° (True). 0700 Made routine test of whistle and siren. 0703 Shifted to 1-24 pole combination, forward machinery space. Average steam - 250. Average R.P.M. - 76.15.

E. W. Abbot
E. W. ABBOT,
Ensign, U.S. Navy.

8 to 12

Steaming as before on course 090° (True), speed 12 knots (103 rpm). 0800 Changed course to 000° (True). Mustered on stations. No absentees. 1002 Changed course to 115° (True). 1009 Hoisted in plane 4-0-6. 1010 Hoisted in plane 4-0-4. 1011 Sighted U.S.S. SWAN bearing 022° (True), distant about 12 miles. 1012 Changed course to 020° (True). 1017 Hoisted in plane 4-0-5. 1018 Changed course to 000° (True). 1022 Changed course to 010° (True). 1033 Haughey, H.L., S2c., added to sick list. Diagnosis: Injury to left shoulder (Bursitis, acute). 1042 Maneuvering on various courses at various speeds to receive SWAN along starboard side. 1045 Changed course to 100° (True). 1044 #3 boiler carrying zero burners. 1113 Made daily inspection of powder and magazines. Conditions normal. 1150 U.S.S. SWAN came alongside to starboard for fuel and provisions. Base course 100° (True), speed 5 knots (40 rpm). Average steam - 243.75. Average R.P.M. - 81.

J. H. Maurer
J. H. MAURER,
Ensign, U.S. Navy.

12 to 16

Steaming as before, course 100° (True), speed 5 knots (40 rpm). 1206 Commenced fueling U.S.S. SWAN. 1305 Jeffries, James B., Slc., was transferred from the U.S.S. SWAN to U.S.S. COLORADO for treatment. Diagnosis: Undetermined. 1412 Ceased fueling U.S.S. SWAN. 1417 U.S.S. SWAN cast off. 1431 Changed course to 000° (True), changed speed to 13 knots (111 rpm). 1435 Cut in #3 boiler. 1444 Catapulted plane 4-0-4, pilot Lt. Lambrecht, observer Cadet Wilson. 1445 Catapulted plane 4-0-6, pilot Lt. (jg) Fox, observer Cadet Jordan. 1448 Catapulted plane 4-0-5, pilot Lt. (jg) Short, observer Clark, ACMM. Average steam - 262.5. Average R.P.M. - 69.

A. R. Weldon
A. R. WELDON,
Ensign, U.S. Navy.

16 to 20

Steaming as before on course 000° (True), speed 13 knots (111 rpm). 1606 Changed course to 125° (True). 1606 Changed speed to 12 knots (103 rpm). 1612 Hoisted aboard plane 4-0-6. 1616 Hoisted aboard plane 4-0-4. 1617 Changed course to 035° (True). 1620 Hoisted aboard plane 4-0-5. 1621 Changed course to 352° (True). 1625 Changed speed to 13 knots (111 rpm). 1625 Jefferies, J.B., Sealc., U.S.N., was added to sick list this date. Diagnosis: Undetermined. (Impetigo). 1628 Sighted Canton Island bearing 357° (True). 1637 Changed course to 350° (True). 1700 Changed speed to 14 1/2 knots (125 rpm). 1729 Changed course to 335° (True). 1728 Lighted fires under #2 boiler. 1731 Passed Canton Island to starboard, distance 6 miles. 1738 Leard, J.R., Pvt., U.S.M.C., was added to the sick list this date. Diagnosis: Catarrhal fever, acute. 1743 Changed course to 350° (True). Average steam - 265. Average R.P.M. 120.4.

F. E. Sellers
F. E. SELLERS,
Ensign, U.S. Navy.

Approved:

W. L. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.

Examined: *H. W. Need*
H. W. NEED, Lieut. Comdr.,
U. S. N., Navigator.

(Original ribbon copy of this page to be sent to Bureau of Navigation monthly.)

DECLASSIFIED
X03052
By *7761* NARS, Date *3/7/72*

ADDITIONAL SHEET.

U. S. S. G. O. L. O. R. A. D. O.

Date 10 July 1957

20 to 24

Steaming as before on course 350° (True). 2115 Changed speed to 14.5 knots (123 rpm). Average steam - 265. Average R.P.M. - 122.75.

W. M. Gardner
W. M. GARDNER,
Ensign, U.S. Navy.

Approved: W. L. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.

Examined: *H. W. Need*
H. W. NEED, Lieutenant Commander,
U. S. N. Navigator.

4-2889

(This page to be sent to Bureau of Navigation monthly with Log sheets.)

DECLASSIFIED
#03052
By *WHL* NARS, Date 3/7/92

LOG OF THE UNITED STATES SHIP C O L O R A D O BB45
(Name) (Identification Number)

AT Howland Island TO Pearl Harbor Sunday, 11 July 1937
PASSAGE (Day) (Date) (Month)

ZONE DESCRIPTION Plus 11 1/2 W. L. FRIEDEL, Captain, U. S. Navy, Commanding.

HOURS	"ALL SHIP" AVERAGE REVOLUTIONS	BY REVS.		BY LOG		Course (P. C.) Gyro <input checked="" type="checkbox"/> Mag. (Indicate which)	WIND		BAROMETER		TEMPERATURE			WEATHER BY SYMBOLS	CLOUDS			SEA	
		N. NAUTICAL MILES	TENTHS	N. NAUTICAL MILES	TENTHS		DIRECTION	FORCE	HEIGHT IN INCHES	READING AT TREE	AIR DRY Bulb	AIR WET Bulb	WATER AT SURFACE		FORM	MOVING FROM	AMOUNT	Visibility	CONDITION
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
A.M.																			
1	121.5	14	3	15	1	350	NE	14	29.70	81	79	83	bc	cu	NE	2	20	1	NE
2	122.5	14	4	13	3	350	NE	14	29.70	81	79	83	bc	cu	NE	2	20	1	NE
3	122.5	14	4	14	1	350	NE	17	29.70	81	79	83	bcp	st cu	NE	2	10	1	NE
4	121.5	14	3	13	9	350	NE	20	29.68	79	78	83	c	st cu	NE	5	10	2	NE
5	122.5	14	4	1	9	350	ENE	21	29.67	79	78	83	c	a cu	NE	5	10	2	NE
6	122.5	14	4	14	2	350	ENE	27	29.68	80	78	83	bc	cu	NE	4	20	1	E
7	122.5	14	4	14	5	350	ENE	22	29.68	80	78	83	bc	cu ci	NE	3	30	2	E
8	121.5	14	3	14	7	353	NE	17	29.70	81	78	83	bc	ci cu	NE	5	40	4	NE
9	121.5	14	3	14	7	353	ENE	23	29.71	82	79	83	bc	cu	NE	5	40	4	NE
10	122.5	14	4	13	8	353	EXN	22	29.71	83	79	84	bc	ci cu	NE	5	40	4	NE
11	120.5	14	1	14	0	353	EXS	25	29.71	83	79	84	bc	ci cu	E	4	45	4	E
12	118.7	14	0	13	3	353	EXS	24	29.70	83	79	84	bc	ci cu	E	4	50	4	E

8 A Latitude <u>00-35-00 N</u> 8 A Longitude <u>172-31-00 W</u>	Fuel { Received <u>22,806 g</u> Expended <u>455,709 "</u> On hand <u>814,407 "</u>	DRILLS AND EXERCISES																																																																																																					
Noon { Latitude <u>1-27-00 N Obs.</u> Longitude <u>172-39-30 W Obs.</u>		Water { Distilled <u>34,400 "</u> Received <u>410 "</u> Expended <u>27,781 "</u> On hand <u>245,544 "</u>	Morning	Afternoon																																																																																																			
8 P.M. Latitude <u>3-17-30 N</u> Longitude <u>172-57-30 W</u>		BEFORE LEAVING PORT Draft for'd _____ Draft aft. _____	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Division</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>		Division	1	2	3	4	5	6	7	8	9																																																																																									
Division	1	2			3	4	5	6	7	8	9																																																																																												
Current { Set <u>300°</u> Drift <u>.83 knots</u>	AFTER ENTERING PORT Draft for'd _____ Draft aft. _____	MAGAZINE TEMPERATURES: Maximum <u>90°</u> Minimum <u>84°</u> NORMAL																																																																																																					
GYROCOMPASS IN USE Error <u>0.1° E</u>																																																																																																							
STANDARD MAG. COMPASS Compass No. <u>#88</u> S. H. <u>342°</u> Error <u>10° E</u> Variation <u>8°-30' E</u> Deviation <u>1°-00'-00" E</u>																																																																																																							

P.M.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
13	118.5	13	9	13	6	353	E	24	29.70	83	79	84	bc	ci cu	E	3	50	3	E					
14	118.5	13	9	13	8	353	E	21	29.68	83	79	84	bc	ci cu	E	2	50	3	E					
15	97.5	11	4	12	8	353	E	21	29.67	84	80	84	bc	cu	E	3	50	3	E					
16	116.5	13	7	12	8	353	E	21	29.66	84	79	84	bc	cu	E	4	50	3	E					
17	119.5	14	1	12	8	353	E	21	29.62	84	80	84	bc	cu	E	4	50	3	E					
18	118.5	13	9	12	7	353	ENE	14	29.66	83	80	84	bc	cu	ENE	4	50	2	ENE					
19	118.5	13	9	11	0	355	ENE	14	29.66	83	81	84	bc	cu	ENE	4	45	2	ENE					
20	118.5	13	9	13	6	355	ENE	14	29.68	83	81	85	bc	cu	ENE	4	20	2	ENE					
21	119.5	14	1	13	6	355	ENE	14	29.70	83	82	85	bc	cu	ENE	3	20	2	ENE					
22	118.5	13	9	13	8	355	ENE	15	29.70	83	82	85	bc	cu	ENE	4	20	2	ENE					
23	118.5	13	9	13	6	355	ENE	20	29.70	83	82	85	bc	st cu	ENE	5	20	2	ENE					
24	119.2	14	0	13	6	355	ENE	20	29.70	83	83	85	bc	st cu	ENE	4	20	2	ENE					

SUBMERGED RUN DATA—SUBMARINES

	1	2	3	4	5
Run No. (Serial)					
Time to submerge					
Greatest depth					

DECLASSIFIED
#03052

By 777/ NARS, Date 3/7/92

UNITED STATES SHIP	C O L O R A D O	Sunday	11	July	19 37
		<small>(Day)</small>	<small>(Date)</small>	<small>(Month)</small>	
ZONE DESCRIPTION <u>Plus 11 1/2</u>		REMARKS.			
0 to 4		<p>Steaming on course 350° (True) with boilers #1, 3, and 4 and forward machinery space in use on 1-24 pole combination. Ship steaming for rendezvous with three U.S.S. LEXINGTON plane guard destroyers for purpose of fueling them. Standard speed 12 knots (103 rpm), present speed 14 1/2 knots (123 rpm). 0037 Cut in #2 boiler on main steam line. Average steam - 252.5. Average R.P.M. - 122.</p> <p style="text-align: right;"><i>L. J. Baird</i> L. J. BAIRD, Ensign, U.S. Navy.</p>			
4 to 8		<p>Steaming as before, course 350° (True) & (pgc), speed 14.5 knots (123 rpm). 0534 Crossed Equator at longitude 172° 25' 15" West. 0602 Observed sunrise. Average steam - 240. Average R.P.M. - 122.25.</p> <p style="text-align: right;"><i>Chas. F. Sell</i> CHAS. F. SELL, Lieutenant (jg), U.S. Navy.</p>			
8 to 12		<p>Steaming as before on course 350° (True & pgc) at 14.5 knots (123 rpm), standard speed is 12 knots (103 rpm). 0800 Changed course to 353° (True). 0915 Made daily inspection of powder and magazines. Conditions normal. 1000 Held quarters for muster. No absentees. 1010 Held Divine Services. 1048 Slowed to 14 knots (120 rpm). Average steam - 248.75. Average R.P.M. - 120.8.</p> <p style="text-align: right;"><i>E. W. Abbott</i> E. W. ABBOT, Ensign, U.S. Navy.</p>			
12 to 16		<p>Steaming as before on course 353° (True) & (pgc) at 14 knots (120 rpm), standard speed 12 knots (103 rpm). 1240 The following named men were added to the sick list: Scherrer, C.L., ROTC., W-11, with diagnosis:- Gastroenteritis, acute; Lachman, R.H., ROTC., C-8, with diagnosis:- Gastroenteritis, acute; Fleck, C.H., Cox., with diagnosis:- Catarrhal Fever. 1442 Changed speed to 2/3 standard, 8 knots (67 rpm). 1442 Changed speed to 1/3 standard, 5 knots (41 rpm). Shifted to 1-36 pole combination. 1457 Changed speed to 14 knots (120 rpm). 1501 Shifted to 1-24 pole combination. Average steam - 268.75. Average R.P.M. - 112.75.</p> <p style="text-align: right;"><i>J. H. Mawrer</i> J. H. MAWRER, Ensign, U.S. Navy.</p>			
16 to 20		<p>Steaming as before on course 353° (True), speed 14 knots (120 rpm). 1721 Changed course to 355° (True). Average steam - 270. Average R.P.M. - 118.75.</p> <p style="text-align: right;"><i>A. R. Friedell</i> Ensign, U.S. Navy.</p>			
20 to 24		<p>Steaming as before on course 355° (True), speed 14 knots (120 rpm). 2130 Dibble, C.G., N.R.O.T.C., was added to the sick list this date. Diagnosis: Gastroenteritis, acute. 2330 Shifted to after machinery space. Average steam - 257.5. Average R.P.M. - 119.</p> <p style="text-align: right;"><i>F. E. Sellers, Jr.</i> F. E. SELLERS, JR., Ensign, U.S. Navy.</p>			
Approved: W. L. FRIEDEL, <i>WLF</i> Captain, U.S. Navy, Commanding.		Examined: <i>H. W. Need</i> H. W. NEED, Lieutenant Commander U. S. N., Navigator.			

(Original (ribbon) copy of this page to be sent to Bureau of Navigation monthly.)

4-5484

DECLASSIFIED	
103052	
By <i>TTB</i>	NARS, Date 3/7/72

LOG OF THE UNITED STATES SHIP <u>COLORADO</u> BB45																																											
(Name)															(Identification Number)																												
AT <u>Howland Island Area</u> TC <u>Honolulu, T.H.</u> Monday <u>12</u> July, <u>1937</u>																																											
PASSAGE <u>Plus 11 1/2</u>																																											
ZONE DESCRIPTION <u>Plus 11 1/2</u>										W. L. FRIEDEL, Captain, U. S. Navy, Commanding.																																	
HOOR	"ALL SHIP" AVERAGE REVOLUTIONS	BY REVS.		BY LOG		Course (P. C.) Gyro <input checked="" type="checkbox"/> Mag. (indicate which)	WIND		BAROMETER		TEMPERATURE			WEATHER BY SYMBOLS	CLOUDS				SEA																								
		NATURAL MILES	TENTHS	NATURAL MILES	TENTHS		DIRECTION	FORCE	READING IN INCHES	READING AT THER	AIR	DEW PT.	WET BULB		WATER SURFACE	FORM	MOTION FROM-	AMOUNT	VISIBILITY	CONDITION	SWELL FROM-																						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																								
A.M.																																											
1	120.5	14	2	13	6	355	NE	20	29.67	82	80	85	bc	ci	NE	3	30	3	NE																								
2	119.5	14	1	14	0	355	NE	20	29.67	82	80	85	bc	ci	NE	3	30	3	NE																								
3	119.5	14	1	13	8	355	NE	21	29.67	82	81	85	bcp	ci st	NE	4	30	3	NE																								
4	119.5	14	1	14	4	355	ESE	23	29.66	80	78	85	bc	ci	ESE	3	40	1	NE																								
5	119.5	14	1	13	7	355	SSE	27	29.66	81	80	85	bc	ci st	SSE	5	40	1	NE																								
6	119.5	14	1	13	9	355	SSE	27	29.66	82	81	85	bc	a cu	SSE	7	40	4	NE																								
7	87.5	10	2	10	6	040	ENE	21	29.66	81	80	85	bc	a cu	ENE	7	35	4	NE																								
8	58.6	7	1	5	7	040	ESE	21	29.70	81	79	85	b&q	cu nb	ENE	9	35	4	NE																								
9	58.5	7	1	5	7	040	ESE	18	29.72	81	79	85	c&q	cu nb	ENE	8	30	4	NE																								
10	57.5	6	9	5	9	040	E	19	29.72	80	78	85	c&q	cu nb	E	9	20	4	N																								
11	58.5	7	1	5	6	040	E	19	29.72	79	77	85	c&q	cu nb	E	10	20	4	N																								
12	58.1	7	0	5	6	040	E	19	29.71	80	78	85	c&q	cu nb	E	10	20	4	ENE																								
DRILLS AND EXERCISES																																											
M { Latitude <u>5-44-00 N Obs.</u> S { Longitude <u>172-54-00 W Obs.</u>										P { Received - - - - - E { Expended <u>33,590 g</u> O { On hand <u>780,817 "</u>																																	
M { Latitude <u>6-01-00 N</u> S { Longitude <u>172-40-00 W</u>										W { Distilled <u>25,400 "</u> R { Received - - - - - E { Expended <u>25,400 "</u> O { On hand <u>245,344 "</u>																																	
M { Latitude <u>6-55-00 N DR</u> S { Longitude <u>171-47-00 W DR</u>										BEFORE LEAVING PORT Draft for'd _____ Draft aft. _____																																	
Current { Set <u>086°</u> Drift <u>.7 knots</u>										AFTER ENTERING PORT Draft for'd _____ Draft aft. _____																																	
GYROCOMPASS IN USE Error <u>.3° E</u>										MAGAZINE TEMPERATURES Maximum <u>92°</u> Minimum <u>84°</u> NORMAL																																	
STANDARD MAG. COMPASS Compass No. <u>#88</u> S. I. <u>036°</u> Error <u>8° E</u> Variation <u>8° 45' E</u> Deviation <u>0° 45' W</u>																																											
P.M.																																											
13	58.5	7	1	6	1	040	E	19	29.69	79	78	85	oq	cu nb	E	10	20	4	NE																								
14	57.5	6	9	6	3	040	E	19	29.68	80	79	85	oq	cu nb	E	9	20	4	NE																								
15	58.5	7	1	5	2	040	E	19	29.62	82	78	84	oq	cu nb	E	9	20	4	NE																								
16	59.5	7	2	5	5	043	E	19	29.64	82	78	84	cq	cu nb	E	9	20	4	NE																								
17	109.5	12	9	12	5	043	ENE	22	29.64	82	78	84	c	cu	ENE	7	25	4	NE																								
18	118.5	13	9	12	7	043	ENE	22	29.67	82	78	84	c	ci cu	ENE	8	25	5	NE																								
19	117.5	13	8	12	8	043	ENE	19	29.68	82	78	84	c	ci cu	ENE	8	25	5	NE																								
20	116.5	13	7	13	1	043	ENE	21	29.70	81	77	84	c	ci cu	ENE	9	25	4	NE																								
21	117.5	13	8	13	9	043	ENE	21	29.71	82	77	84	bc	cu	ENE	6	25	4	ENE																								
22	116.5	13	7	13	3	043	ENE	22	29.71	81	76	84	bc	cu	ENE	8	20	4	ENE																								
23	116.5	13	7	12	9	043	ENE	22	29.72	80	78	84	bc	cu	ENE	2	25	4	ENE																								
24	116.8	13	7	13	0	043	ENE	21	29.71	81	78	83	bc	cu	ENE	2	25	4	ENE																								
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	1	2	3	4	5																																						
Run No. (Serial)																																											
Time to submerge																																											
Greatest depth																																											

DECLASSIFIED
 203052
 By 777/ NARS, Date 3/7/92

UNITED STATES SHIP C O L O R A D O Monday 12 July 1937
(Day) (Date) (Month)

ZONE DESCRIPTION Plus 111

REMARKS.

0 to 4

Enroute Rendezvous with the U.S.S. LEXINGTON and its plane guard, steaming on course 355° (True), standard speed 12 knots (103 rpm). Steaming at 14 knots (120 rpm). Boilers 1, 2, 3, and 4 on the main steam line with 1-24 pole combination and the after machinery space. Average steam - 237.5. Average R.P.M. - 119.75.

W. M. Gordon
W. M. GORDON,
Ensign, U.S. Navy.

4 to 8

Steaming as before on course 355° (True) at 14 knots (120 rpm). 0630 All engines ahead 2/3 speed, 7 knots (58 rpm). 0631 Shifted to 1-36 pole combination. 0632 Changed course to 040° (True). 0710 U.S.S. CUSHING (#376) came alongside, to port, for fueling. 0732 Commenced fueling U.S.S. CUSHING. Average steam - 242.5. Average R.P.M. - 96.3.

L. J. Baird
L. J. BAIRD,
Ensign, U.S. Navy.

8 to 12

Steaming as before on course 040° (True) and at two-thirds speed, 7 knots (58 rpm). U.S.S. CUSHING alongside to port and fueling. 0800 Mustered crew on stations. No absentees. 0904 CUSHING completed fueling and at 0913 shoved off from alongside. 0936 U.S.S. LAMSON came alongside for fueling and towed on a forward spring. 0943 Commenced fueling the LAMSON. At 0902 a Deck Court met in the case of Quivey, T.G., F3c., and adjourned at 0958 to await action of the Convening Authority. 1152 Completed fueling LAMSON. Made daily inspection of magazines and smokeless powder samples. Conditions normal. Watch was marked by frequent rain squalls and gusty winds. Average steam - 251.25. Average R.P.M. - 58.15.

J. O. Lambrecht
J. O. LAMBRECHT,
Lieutenant, U.S. Navy.

12 to 16

Steaming as before on course 040° (True) & (pgc) and at 2/3 speed, 7 knots (58 rpm). U.S.S. LAMSON alongside to port. 1206 U.S.S. LAMSON cast off. 1245 U.S.S. DRAYTON came alongside to port for fueling. 1302 Commenced fueling the U.S.S. DRAYTON. 1309 Tow line to U.S.S. DRAYTON carried away; fueling stopped. 1408 Re-commenced fueling. 1529 Completed fueling U.S.S. DRAYTON. 1544 U.S.S. DRAYTON cast off. 1549 Changed course to 010° (True). 1558 Changed course to 043° (True); changed speed to 14 knots (120 rpm). Average steam - 257.5. Average R.P.M. - 58.5.

L. O. Fox
L. O. FOX,
Lieutenant (jg), U.S. Navy.

16 to 18

Steaming as before, course 043° (True) & (pgc), speed 14 knots (120 rpm), proceeding to Pearl Harbor, T.H. 1605 Lit off #2 boiler. 1609 Lit off #3 boiler. 1615 Shifted to 1-24 pole combination. Average steam - 272.5. Average R.P.M. - 113.

Chas. F. Sell
CHAS. F. SELL,
Lieutenant (jg), U.S. Navy.

18 to 20

Steaming as before on course 043° (True) & (pgc) at 14 knots (120 rpm). Cerrvilla, Raymond, Sea2c., was admitted to the sick list. Diagnosis: Catarrhal Fever, acute. Average steam - 265. Average R.P.M. - 117.

W. B. Short
W. B. SHORT, Jr.,
Lieutenant (jg), U.S. Navy.

20 to 24

Steaming as before on course 043° (True & pgc) at speed of 14 knots (120 rpm), standard speed is 12 knots (103 rpm). Average steam - 262.5. Average R.P.M. - 116.75.

E. W. Abbot
E. W. ABBOT,
Ensign, U.S. Navy.

Approved: *W. L. Friedell*
W. L. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.

Examined: *H. W. Need*
H. W. NEED, Lieutenant Commander,
U. S. N., Navigator.

(Original (ribbon) copy of this page to be sent to Bureau of Navigation monthly.)

DECLASSIFIED
103052
By *7774* NARS, Date *3/9/92*

LOG OF THE UNITED STATES SHIP <u>COLORADO</u> BB45																																											
																		(Name)		(Identification Number)																							
AT PASSAGE <u>Howland Island</u> TO <u>Honolulu, T.H.</u> Tuesday, 13 July 1937																																											
																		(Day)		(Date)		(Month)																					
ZONE DESCRIPTION <u>Plus 11 1/2</u> <u>W. L. FRIEDEL, Captain,</u> U. S. Navy, Commanding.																																											
HOUR	"ALL SHIP" AVERAGE REVS. PER MIN.	BY REVS.			BY LOG			Course (P. C.)	WIND		BAROMETER			TEMPERATURE			WEATHER BY SYMBOLS	CLOUDS			SEA																						
		NAT'L MILES	TENTHS	BY LOG	NAT'L MILES	TENTHS	Gyro (Indicate which)		DIRECTION	FORCE	INCHES IN	READING AT TOP	DRY BULB	WET BULB	WATER AT SURFACE	FORM		MOVING FROM	AMOUNT	VISIBILITY	CONTOUR	SWELL FROM																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20																								
A.M.																																											
1	117.5	14	0	13	0	043	ENE	21	29.70		81	76	83	bc	ci st	ENE	2	30	2	ENE																							
2	117.5	13	8	13	3	043	ENE	22	29.69		81	76	83	bc	ci st	ENE	3	30	2	ENE																							
3	116.5	13	7	13	0	043	E	21	29.67		81	76	83	bc	ci st	E	3	30	2	ENE																							
4	116.7	13	7	12	5	043	E	20	29.67		81	76	83	bc	ci st	E	4	30	2	ENE																							
5	117.5	13	8	14	1	043	E	20	29.70		81	76	83	bc	cu	E	4	30	2	ENE																							
6	116.5	13	7	12	7	043	NE	21	29.69		80	76	83	bc	st cu	ENE	5	40	3	NE																							
7	117.4	13	8	13	1	043	NE	21	29.70		80	76	83	bc	ci cu	ENE	3	50	3	NE																							
8	116.8	13	7	13	0	044	NE	21	29.72		81	75	83	bc	ci cu	NE	3	50	3	NE																							
9	118.5	13	9	13	5	044	NE	20	29.71		81	76	83	bc	cu	ENE	5	40	3	ENE																							
10	117.6	13	8	13	5	044	NE	20	29.71		81	75	83	bc	a cu	NE	4	31	3	NE																							
11	117.5	13	8	13	6	044	NE	21	29.70		80	73	83	bc	a cu	NE	3	31	3	NE																							
12	116.2	13	9	13	9	044	NE	29	29.70		80	72	83	oq	cu nb	NE	10	20	3	NE																							
										DRILLS AND EXERCISES																																	
M Latitude <u>9-05-00 N</u> S Longitude <u>169-56-30 W</u> Noon Latitude <u>9-43-00 N</u> S Longitude <u>169-18-00 W</u> M Latitude <u>11-00-30 N</u> S Longitude <u>168-12-00 W</u> Current { Sct. <u>285°</u> Drift <u>0.9 knots</u> Gyrocompass in Use Error <u>.5° W</u> Standard Mag. Compass Compass No. <u>88</u> S. H. <u>044</u> Error <u>7° E</u> Variation <u>9° E</u> Deviation <u>2° W</u>										Fuel { Received - - - - - Expended <u>22,687 g</u> On hand <u>631,400 "</u> Water { Distilled <u>19,850 "</u> Received - - - - - Expended <u>27,106 "</u> On hand <u>238,088 "</u> BEFORE LEAVING PORT Draft for'd _____ Draft aft. _____ AFTER ENTERING PORT Draft for'd _____ Draft aft. _____ MAGAZINE TEMPERATURES Maximum <u>90°</u> Minimum <u>81°</u> NORMAL										Morning _____ Afternoon _____ Division 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____																							
P.M.																																											
13	116.5	13	7	12	1	044	NE	24	29.68		79	77	83	cq	cu nb	NE	8	20	3	NE																							
14	117.5	13	8	13	4	044	NE	24	29.66		79	77	83	cq	cu st	NE	7	25	3	NE																							
15	116.5	13	7	13	0	044	ENE	27	29.66		80	77	83	cq	st cu	NE	7	25	3	NE																							
16	116.5	13	7	13	0	044	ENE	27	29.66		80	77	83	cq	st cu	NE	10	5	3	NE																							
17	116.5	13	7	12	9	044	ENE	19	29.65		80	77	83	c	cu nb	NE	9	25	3	NE																							
18	116.5	13	7	12	9	044	ENE	19	29.65		80	77	83	c	cu nb	NE	9	20	3	NE																							
19	116.5	13	7	13	0	044	ENE	25	29.66		80	77	83	c	cu nb	NE	9	20	3	NE																							
20	116.6	13	7	12	8	044	ENE	25	29.70		79	77	83	c	cu nb	NE	9	15	3	NE																							
21	111.5	13	1	13	5	044	ENE	18	29.72		77	76	83	or	-- --	---	10	15	3	NE																							
22	116.5	13	7	13	1	044	ENE	21	29.72		79	77	83	c	cu nb	ENE	9	20	3	NE																							
23	117.5	13	8	13	0	044	ENE	23	29.72		80	78	83	c	cu nb	ENE	8	20	4	NE																							
24	116.1	13	5	12	5	044	ENE	20	29.72		80	78	83	bc	ci st	ENE	5	20	3	NE																							
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	1	2	3	4	5																																						
Run No. (Serial)																																											
Time to submerge																																											
Greatest depth																																											

DECLASSIFIED
203052

By TTH NARS, Date 3/7/92

UNITED STATES SHIP C O L O R A D O Tuesday 13 July 1937
(Day) (Date) (Month)

ZONE DESCRIPTION Plus 11 1/2

REMARKS.

0 to 4

Steaming on course 043° (True) & (pgc) enroute Honolulu, T.H. Boilers #1, 2, 3, and 4 in use, 1-24 pole combination, after space. Standard speed 12 knots (103 rpm), steaming at 13 knots (120 rpm). 0350 Changed course to 000° (True) to blow tubes. 0357 Changed course to 043° (True). Average steam - 263.75. Average R.P.M. - 117.

J. H. Maurer
J. H. MAURER,
Ensign, U.S. Navy.

4 to 8

Steaming as before on course 043° (True) & (pgc), speed 14 knots (120 rpm). 0710 Changed course to 000° (True) to blow tubes. 0716 Changed course to 043° (True). Average steam - 262.5. Average R.P.M. - 117.

A. R. Weldon
A. R. WELDON,
Ensign, U.S. Navy.

8 to 12

Steaming as before on course 043° (True), speed 13 knots (120 rpm). 0800 Changed course to 044° (True). 0900 Held quarters for muster. No absentees. 0930 All batteries to drill. 1135 Made weekly test of magazine flood and sprinkling valves. Condition satisfactory. Made daily routine inspection of powder and magazines. Conditions normal. Average steam - 263. Average R.P.M. - 117.5.

F. E. Sellers Jr.
F. E. SELLERS, Jr.,
Ensign, U.S. Navy.

12 to 16

Steaming as before. 1430 Adamson, Gerald H., S2c., was admitted to the sick list. Diagnosis: Dislocation of right elbow. Classification A. 1439 Changed course to 000° (True). 1444 Changed course to 044° (True). Average steam - 267.5. Average R.P.M. - 116.75.

G. W. Gibson
G. W. GIBSON,
Ensign, U.S. Navy.

16 to 18

Steaming as before on course 040° (True) at 14 knots (120 rpm). Average steam - 262.5. Average R.P.M. - 116.5.

L. J. Baird
L. J. BAIRD,
Ensign, U.S. Navy.

18 to 20

Steaming as before on course 044° (True) and at 14 knots (120 rpm), standard speed 12 knots (103 rpm). At 1920 changed course to 005° (True), bringing the wind abeam, to blow tubes. 1925 Changed course to 044° (True). Watch was marked by frequent and heavy rain squalls with wind increasing to gale force during squalls. Average steam - 267.5. Average R.P.M. - 116.5.

J. O. Lambrecht
J. O. LAMBRECHT,
Lieutenant, U.S. Navy.

20 to 24

Steaming as before on course 044° (True) & (pgc) and at 14 knots (120 rpm), standard speed 12 knots (103 rpm). 2311 Changed course to 010° while blowing tubes. 2315 Changed course to 044°. Average steam - 265. Average R.P.M. - 115.4.

L. O. Fox
L. O. FOX,
Lieutenant (jg), U.S. Navy.

Approved: *W. L. Friedell*
W. L. FRIEDEL,
Captain, U.S. Navy,
Commanding.

Examined: *H. W. Need*
H. W. NEED, Lieutenant Commander,
U. S. N., Navigator.

(Original (ribbon) copy of this page to be sent to Bureau of Navigation monthly.)

DECLASSIFIED
203052
By *77761* NARS, Date 3/7/72

LOG OF THE UNITED STATES SHIP <u> C O L O R A D O </u>														BB45 <small>(Identification Number)</small>							
AT PASSAGE <u> Howland Island Area </u> TO <u> Pearl Harbor </u>														Wednesday, <u>14</u> July, 19 <u>37</u> <small>(Day) (Date) (Month)</small>							
ZONE DESCRIPTION <u>Plus 11 1/2</u>														W. L. FRIEDLLI, <u>Captain, U. S. Navy, Commanding.</u>							
Hour	"All Start" Average Revolutions		BY REVS.		BY LOG		Course (P. 43) Gyro X Mag. (indicate which)	WIND		BAROMETER		TEMPERATURE			WEATHER, BY SYMBOLS	CLOUDS			SEA		
	Natural Miles	TURNS	Natural Miles	TURNS	Direction	Force		Reading in Inches	Reading at Ther.	Air, Dry Bulb	Air, Wet Bulb	Water at Surface	Form	Moving From—		Amount	Visibility	Condition	Swells From—		
A. M.	1	116.5	13	6	13	0	044	ENE	21	29.69		78	78	82	oq	nb	ENE	10	12	3	NE
	2	116.5	13	6	12	9	044	ENE	20	29.69		78	77	82	o	st cu	ENE	3	15	3	ENE
	3	116.5	13	8	13	2	044	ENE	20	29.69		78	77	82	q	nb	ENE	6	13	3	ENE
	4	115.8	13	6	12	5	044	ENE	21	29.68		78	77	82	bcz	st cu	ENE	4	15	3	ENE
	5	117.5	13	7	13	0	044	NEXE	18	29.70		78	75	81	bcz	st cu	NEXE	9	20	3	NEXE
	6	116.5	13	6	13	1	044	NEXE	19	29.70		79	77	82	bcz	st cu	NEXE	9	20	4	NEXE
	7	117.5	13	7	12	7	044	NEXE	23	29.72		79	77	82	bcz	st cu	NEXE	9	25	4	NEXE
	8	116.5	13	6	13	0	044	E	21	29.72		79	77	82	c	st cu	ENE	9	25	4	ENE
	9	116.5	13	6	13	3	045	E	35	29.78		79	77	82	oq	st cu	ENE	10	10	4	ENE
	10	116.5	13	6	12	8	045	E	35	29.78		79	77	82	oq	st cu	E	10	15	4	ENE
	11	116.5	13	6	12	8	045	E	29	29.77		79	77	81	cq	st cu	E	8	10	4	ENE
	12	116.5	13	6	13	0	045	E	29	29.77		79	77	82	c	st cu	E	8	15	5	ENE

S. Lat. <u>12-52-00 N</u> S. Long. <u>166-30-00 W</u> N. Lat. <u>13-29-00 N Obs.</u> N. Long. <u>165-56-00 W Obs.</u> S. Lat. <u>14-45-00 N</u> S. Long. <u>164-55-00 W</u> Current { Set <u>253°</u> Drift <u>1.5 knots</u> Gyrocompass in Use Error <u>0.2° E</u> Standard Mag. Compass Compass No. <u>88</u> S. H. <u>037° 30'</u> Error <u>9° 30' E</u> Variation <u>9° 45' E</u> Deviation <u>0° 15' E</u>	Fuel { Received - - - - - Expended <u>29,903 g</u> On hand <u>601,497 "</u> Water { Distilled <u>19,850 "</u> Received - - - - - Expended <u>31,638 "</u> On hand <u>226,300 "</u>	DRILLS AND EXERCISES <table style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">Morning</th> <th style="width:50%;">Afternoon</th> </tr> <tr> <td>Division</td> <td></td> </tr> <tr><td>1</td><td></td></tr> <tr><td>2</td><td></td></tr> <tr><td>3</td><td></td></tr> <tr><td>4</td><td></td></tr> <tr><td>5</td><td></td></tr> <tr><td>6</td><td></td></tr> <tr><td>7</td><td></td></tr> <tr><td>8</td><td></td></tr> <tr><td>9</td><td></td></tr> </table>	Morning	Afternoon	Division		1		2		3		4		5		6		7		8		9	
Morning	Afternoon																							
Division																								
1																								
2																								
3																								
4																								
5																								
6																								
7																								
8																								
9																								
BEFORE LEAVING PORT Draft for'd _____ Draft aft. _____ AFTER ENTERING PORT Draft for'd _____ Draft aft. _____ MAGAZINE TEMPERATURES: Maximum <u>90°</u> Minimum <u>83°</u> NORMAL																								

P. M.	Set clocks ahead one hour to plus 10 1/2 zone time.																			
13	116.5	13	6	12	7	045	E	20	29.75		80	77	82	c	cu nb	E	9	25	4	ENE
14	116.5	13	6	13	1	045	E	20	29.74		81	77	82	c	st cu	E	9	25	4	ENE
15	116.5	13	6	13	0	045	E	25	29.74		81	77	82	c	st cu	ENE	9	30	4	ENE
16	116.5	13	6	13	0	045	ENE	18	29.74		81	77	82	c	st cu	ENE	9	35	4	E
17	116.5	13	6	13	3	045	ENE	21	29.76		81	77	81	c	st cu	ENE	9	35	4	E
18	116.5	13	6	12	8	045	ENE	18	29.76		81	77	82	c	st cu	ENE	9	30	4	E
19	115.9	13	5	12	8	045	ENE	17	29.79		80	77	82	c	cu	ENE	8	20	4	E
20	117.5	13	7	13	2	047	ENE	21	29.79		80	77	81	bc	cu	NE	4	20	4	E
21	117.5	13	7	13	1	047	ENE	20	29.80		80	76	81	bc	cu	NE	2	20	4	E
22	116.5	13	6	13	1	015	ENE	20	29.81		80	76	81	bc	cu	NE	5	20	4	E
23	117.5	13	7	13	1	047	ENE	20	29.82		80	76	81	bc	cu	NE	4	20	4	E

SUBMERGED RUN DATA—SUBMARINES					
Run No. (Serial)	1	2	3	4	5
Time to submerge					
Greatest depth					

DECLASSIFIED
 203052
 By 77H NARS, Date 3/7/92

UNITED STATES SHIP C O L O R A D O Wednesday 14 July 1937
(Day.) (Date.) (Month.)

ZONE DESCRIPTION Plus 11 1/2

REMARKS.

0 to 4

Steaming independently enroute Howland Island Area to Pearl Harbor, T.H., course 044° (True) & (pgc), speed 14 knots (120 rpm). #1 2, 3, and 4 boilers in use for steaming purposes, 1-24 pole combination. Average steam - 268.75. Average R.P.M. - 116.9.

Chas. F. Sell
CHAS. F. SELL,
Lieutenant (jg), U.S. Navy.

4 to 8

Steaming as before on course 044° (True) & (pgc) at 14 knots (120 rpm). Average steam - 268.75. Average R.P.M. - 117.

W. B. Short, Jr.
W. B. SHORT, JR.,
Lieutenant (jg), U.S. Navy.

8 to 12

Steaming as before on course 044° (True & pgc) at 14 knots (120 rpm). Standard speed is 12 knots (103 rpm). 0830 Changed course to 045° (True). 0852 Mustered the crew on stations. No absentees. 0930 All batteries to drill. 1106 Made daily inspection of powder and magazines. Conditions normal. 1108-1116 Steered course 018° (True) and blew tubes under all steaming boilers. Average steam - 265. Average R.P.M. - 116.5.

E. W. Abbot
E. W. ABBOT,
Ensign, U.S. Navy.

12 to 16

Steaming as before on course 045° (True) & (pgc) at 13.6 knots (120 rpm). Standard speed 12 knots (103 rpm). 1300 Set all clocks ahead one hour to plus 10 1/2 zone time. 1422 Sighted steamer bearing 038° (True). 1449 Passed British steamer 'Rajahstan' abeam to port, distant 1000 yards. 1511 Changed course to 015° (True) to blow tubes. 1516 Changed course to 045° (True). Average steam - 260. Average R.P.M. - 116.5.

J. H. Maurer
J. H. MAURER,
Ensign, U.S. Navy.

16 to 18

Steaming as before on course 045° (True), speed 14 knots (120 rpm). Average steam - 267.5. Average R.P.M. - 116.5.

A. G. Fildor
A. G. FILDOR,
Ensign, U.S. Navy.

18 to 20

Steaming as before on course 045° (True) & (pgc). Speed 14 knots (120 rpm). 1810 Schisler, M.R., Cox., was injured. Diagnosis: Lacerated left great toe. Degree of injury: Minor. Disposition: Duty. Classification A. 1906 Changed course to 015° while blowing tubes. 1910 Changed course to 045°. Average steam - 267.5. Average R.P.M. - 116.4.

I. O. Fox
I. O. FOX,
Lieutenant (jg), U.S. Navy.

20 to 24

Steaming as before on course 045° (True) and at 14 knots (120 rpm). Standard speed 12 knots (103 rpm). 2035 Changed course to 047° (True). 2257 Changed course to 015° (True) to bring the wind abeam and blew tubes. 2302 Changed course back to 047° (True). Average steam - 265. Average R.P.M. - 117.25.

F. O. Lambrecht
F. O. LAMBRECHT,
Lieutenant, U.S. Navy.

Approved: *W. L. Friedell*
W. L. FRIEDEL, *WF*
Captain, U.S. Navy,
Commanding.

Examined: *H. W. Need*
H. W. NEED, Lieutenant Commander,
U. S. N., Navigator.

(Original (ribbon) copy of this page to be sent to Bureau of Navigation monthly.)

DECLASSIFIED
703052
By *777/1* NARS, Date *3/9/92*

LOG OF THE UNITED STATES SHIP <u>COLO R A D O</u> BB45																				
(Name) (Identification Number)																				
AT <u>Howland Island Area</u> TC <u>Honolulu, T.H.</u> <u>Thursday, 15 July</u> , 19 <u>37</u>																				
PASSAGE (Day) (Date) (Month)																				
ZONE DESCRIPTION <u>Plus 10 1/2</u> <u>W. L. FRIEDEL, Captain,</u> <u>U. S. Navy, Commanding.</u>																				
Hour	"ALL BRATT" APPROVED SIGNATURE	BY REVS.		BY LOG		COURSE (P. C.) Gyro <u>X</u> Mag. _____ (Indicate which)	WIND		BAROMETER		TEMPERATURE			WEATHER BY SYMBOLS	CLOUDS				SEA	
		NAT'L NILES	TENTHS	NAT'L NILES	TENTHS		DIRECTION	FORCE	HEIGHT IN INCHES	READING AT THERM.	AIR, DRY BULB	AIR, WET BULB	WATER AT SURFACE		FORM	MOVING FROM-	AMOUNT	VISIBILITY	CURRENT	SWELLS FROM-
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
A. M.	117.5	13	7	13	9	047	ENE	20	29.82	78	76	81	bc	cu	NE	2	20	2	E	
2	116.5	13	6	13	6	047	ENE	19	29.80	79	75	81	bc	cu	NE	3	20	2	E	
3	117.5	13	7	13	3	047	E	20	29.80	79	75	81	bc	cu	E	2	20	2	E	
4	117.0	13	7	13	7	047	E	20	29.80	79	75	81	bc	cu	E	2	20	2	E	
5	117.5	13	7	13	0	047	E	20	29.80	79	75	81	bc	a cu	E	2	20	2	E	
6	117.5	13	7	13	0	047	E	17	29.80	79	75	80	bc	a cu	E	3	25	2	E	
7	117.5	13	7	13	9	047	E	17	29.82	78	73	80	bc	a cu	E	3	25	2	E	
8	117.5	13	7	12	9	047	E	19	29.82	78	74	81	bc	a cu	E	4	25	2	E	
9	117.5	13	7	13	3	047	E	19	29.83	79	75	81	bc	a cu	E	4	35	3	E	
10	116.5	13	6	12	6	047	E	21	29.82	79	74	81	bc	ci	E	2	40	3	E	
11	117.5	13	7	13	2	047	E	21	29.86	78	77	81	bc	ci	E	3	40	3	E	
12	117.0	13	7	13	2	047	E	20	29.86	78	77	80	bc	ci	E	2	40	3	E	

# Latitude <u>16-36-00 N</u> # Longitude <u>162-56-30 W</u>	Received - - - - - Expended <u>28,605 g</u> On hand <u>572,892 "</u>	DRILLS AND EXERCISES
# Latitude <u>17-13-30 N</u> # Longitude <u>162-15-00 W</u>	Distilled <u>20,200 "</u> Received - - - - - Expended <u>29,099 "</u> On hand <u>217,412 "</u>	
# Latitude <u>18-29-00 N</u> # Longitude <u>161-00-00 W</u>	BEFORE LEAVING PORT Draft for'd _____ Draft aft. _____	Division 1 _____ 2 _____ 3 FIRE DRILL. 4 ABANDON SHIP DRILL. 5 _____ 6 _____ 7 _____ 8 _____ 9 _____
Current { Set <u>287°</u> Drift <u>.75 knots</u>	AFTER ENTERING PORT Draft for'd _____ Draft aft. _____	
GYROCOMPASS IN USE Error <u>0.0°</u>	MAGAZINE TEMPERATURES: Maximum <u>90°</u> Minimum <u>82°</u> NORMAL	
STANDARD MAG. COMPASS Compass No. <u>88</u> S. H. <u>39° 00'</u> Error <u>6° 12' E</u> Variation <u>10° 15' E</u> Deviation <u>4° 03' W</u>		

P.M.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
13	117.5	13	7	13	4	047	NE	22	29.85	80	75	81	bc	ci	ENE	3	45	3	E	
14	117.5	13	7	13	3	047	ENE	23	29.85	80	75	81	bc	ci	ENE	3	45	3	E	
15	118.5	13	9	13	2	047	E	19	29.85	80	75	81	bc	ci cu	E	5	45	3	E	
16	116.2	13	6	13	2	047	EXN	19	29.85	80	74	81	bc	ci cu	E	5	45	2	NE	
17	116.5	13	6	12	9	047	EXN	17	29.84	80	74	81	bc	cu	E	5	45	2	NE	
18	117.5	13	7	13	4	047	EXN	17	29.85	79	74	80	bc	ci cu	NE	6	45	2	NE	
19	117.5	13	7	13	0	047	ENE	17	29.86	79	74	80	bc	cu	NE	5	40	2	NE	
20	117.0	13	7	13	4	047	ENE	17	29.89	79	75	81	bc	cu	NE	5	40	2	NE	
21	118.5	13	9	13	4	047	ENE	16	29.90	79	75	80	bc	cu	NE	4	40	2	NE	
22	117.5	13	7	13	1	047	NE	18	29.90	78	75	80	bc	cu	NE	4	40	2	NE	
23	117.5	13	7	13	3	047	NE	18	29.90	78	74	80	bc	cu	NE	4	35	2	NE	
24	117.5	13	7	13	4	047	ENE	18	29.90	78	74	80	bc	cu	NE	5	35	2	NE	

SUBMERGED RUN DATA—SUBMARINES					
	1	2	3	4	5
Run No. (Serial)					
Time to submerge					
Greatest depth					

DECLASSIFIED
X03052
 By 7774 NARS, Date 3/7/92

UNITED STATES SHIP COLO R A D O Thursday 15 July 1937
(Day) (Date) (Month)

ZONE DESCRIPTION Plus 10 $\frac{1}{2}$ REMARKS.

0 to 4
Steaming enroute search area to Pearl Harbor, T.H., on course 047° (True), standard speed 12 knots (103 rpm), steaming at 13 knots (120 rpm). Boilers #1, #2, #3, and #4 on main steam line, 1-24 pole combination, after machinery space. Average steam - 266.25. Average R.P.M. - 117.1
F. E. Sellers Jr
F. E. SELLERS, Jr.,
Ensign, U.S. Navy.

4 to 8
Steaming as before on course 047° (True) at 14 knots (120 rpm). 0707 Changed course to 000° (True) to blow tubes. 0715 Changed course to 047° (True). Average steam - 273.75. Average R.P.M. - 117.5.
V. M. Larkin
Ensign, U.S. Navy.

8 to 12
Steaming as before on course 047° (True) at 14 knots (120 rpm). 0900 Held quarters for muster. No absentees. 1040 Held general drills (fire and abandon ship drill). 1130 Young, R.F., R.O.T.C. (U.C.), was this date added to the sick list. Diagnosis: Catarrhal Fever, acute. Average steam - 267.5. Average R.P.M. - 117.1.
L. J. Baird
L. J. BAIRD,
Ensign, U.S. Navy.

12 to 16
Steaming as before, course 047° (True) & (pgc), speed 14 knots (120 rpm). Average steam - 266.25. Average R.P.M. - 117.5.
Chas. F. Sell
CHAS. F. SELL,
Lieutenant (jg), U.S. Navy.

16 to 18
Steaming as before on course 047° (True) & (pgc), speed 14 knots (120 rpm). 1725 Took Radio Direction Finder bearing on Makapuu Point bearing 048.5° (True). Error:- Plus 1°. Distance:- 277 miles. Average steam - 267.5. Average R.P.M. - 117.
W. B. Short Jr
W. B. SHORT, Jr.,
Lieutenant (jg), U.S. Navy.

18 to 20
Steaming as before on course 047° (True & pgc) at speed of 14 knots (120 rpm); standard speed is 12 knots (103 rpm). 1906-1914 Steered course 020° (True) and blew tubes under all steaming boilers. Average steam - 270. Average R.P.M. - 117.25.
E. W. Abbot
E. W. ABBOT,
Ensign, U.S. Navy.

20 to 24
Steaming as before on course 047° (True) & (pgc) at speed of 14 knots (120 rpm), standard speed is 12 knots (103 rpm). 2310 Changed course to 027° (True) to blow tubes. 2315 Changed course to 047° (True). Average steam - 266.25. Average R.P.M. - 117.75.
J. H. Maurer
J. H. MAURER,
Ensign, U.S. Navy.

Approved: *WLF* W. L. FRIEDEL, Captain, U.S. Navy, Commanding.
Examined: *H. W. Need* H. W. NEED, Lieutenant Commander, U. S. N., Navigator.

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DECLASSIFIED
#03052
By *7/76* NARS, Date 3/9/92

UNITED STATES SHIP C O L O R A D O Friday 16 July 1937
(Day) (Date) (Month)

ZONE DESCRIPTION Plus 10 1/2

REMARKS.

0 to 4

Enroute Pearl Harbor, Oahu. Boilers 1, 2, 3, and 4 on line, forward machinery space; 1-24 pole combination; standard speed 12 knots (103 rpm), steaming at 14 knots (120 rpm). Course 047° (True) & (pgc). 0310 Changed course to 015° (True) & (pgc) to blow tubes. 0315 Changed course to 047° (True). Average steam - 267.5. Average R.P.M. - 118.

A. E. Nelson
A. E. NELSON,
Ensign, U.S. Navy.

4 to 8

Steaming as before on course 047° (True), speed 14 knots (120 rpm). 0718 Changed course to 045° (True). Average steam 268.75. Average R.P.M. - 118.

F. E. Sellers Jr.
F. E. SELLERS, Jr.,
Ensign, U.S. Navy.

8 to 12

Steaming as before. The deck court of Quiney, T.G., F3c., U.S.N., was published. Findings: Specifications proved by plea. Sentence: To lose twelve dollars (\$12) per month of his pay for a period of one (1) month. Approved by convening authority. 0857 Took radio direction finder bearing of 053.5° (True) on Makipau Point, distance 78 miles. Error: Plus 1.5°. 0930 Made routine inspection of the magazines. Conditions normal. 1045 Reeves, L., Matt3c., was added to the sick list. Diagnosis: Appendicitis. 1055 Sighted Oahu, T.H., bearing 020° (True), distance approximately 40 miles. 1117 Changed course to 000° (True). 1119 The Executive Officer held mast and assigned the following punishment: Simms, S.E., MMLc., interference with the duty of a master-at-arms, warned. 1123 Changed course to 045°. Average steam - 266.25. Average R.P.M. - 117.5.

V. M. Caldwell
V. M. CALDWELL,
Ensign, U.S. Navy.

12 to 16

Steaming as before. 1227 Sighted Barber's Point Light bearing 028° (True), distance 12 miles. 1303 Sighted Aloha Tower bearing 057.5° (True). 1300 Lit off #8 boiler. 1310 Maneuvering on various courses at various speeds in coming to anchor off Pearl Harbor entrance, T.H. 1416 Anchored in 24 fathoms of water with 60 fathoms of chain to starboard anchor on following anchorage bearings: Ahua Point 041° (True); Keahi Point 311.3° (True); Ahoha Tower 076.9° (True); Barber's point 272.3° (True). 1430 The Captain held mast this date and the following punishment was awarded: Carter, S.W., Sealc., deck court-martial. 1504 The following men left the ship for further transfer to duty: Ogilvie, Barney H., Slc., 346 62 77, to ComFourteen for assignment to duty, in accordance with ComBaseFor despatch 6008 1040 of July 1937; Jeffries, J.B., Slc., transferred from U.S.S. SWAN to Naval Air Station, Pearl Harbor, T.H., in accordance with letter BB45/P16-4/MM; Jones, Herschell M., Y2c., to duty U.S.S. KEOSAUGUA, in accordance with ComBaseFor despatch 6006 1542 of July 1937. 1504 Yard tug #19 came alongside to port for transferring of stores and passengers. 1504 The following named officer and men reported aboard for further transportation to duty: Lt. Comdr. Thomas A. Culhane (SC), in accordance with BuNav despatch 6414 1226 of July 1937, and N.D. Ltr. ND14/P16-4/00(1206); Scarborough, Joe Roy, 291 11 61, CMM(PA), in accordance with BuNav despatch 6602 1035 of July 1937; Beers, Thomas D., 392 88 80, Y2c., to duty aboard this vessel, in accordance with ComBaseFor despatch 6006 1542 of July 1937, and A.T. 38/P16/MM. Shorter, Herbert B., 259 11 57, CMM(PA), reported aboard in charge of Gross, William M., 316 43 17, Sealc., for transportation to U.S. Naval Hospital, Mare Island, Calif., for treatment and disposition. Reference: Approved recommendation Board of Medical Survey NH17/P16-4/MM. Harmon, Robert W., 375 25 42, PhMMLc., reported aboard for further transfer to U.S.S. CINCINNATI, in accordance with ComBaseFor despatch 6103 1412 of July 1937, and NA12/P16-4/MM. Foltz, Arthur L., 151 09 61, CSM(PA), reported aboard for further transportation to West Coast for leave, in accordance with CM4/P16-1/MM. 1520 Vickery, Arthur E., N.R.O.T.C. (C-10); left the ship to be transferred to U.S. Naval Hospital, Pearl Harbor, T.H. Diagnosis: Pneumonia, Broncho. Burries, W.C., AS., General Court-Martial prisoner, was received aboard for transportation to Mare Island.

L. J. Baird
L. J. BAIRD,
Ensign, U.S. Navy.

Approved: *W. L. Friedell*
W. L. FRIEDEL, Captain, U.S. Navy,
Commanding.

Examined: *H. W. Need*
H. W. NEED, Lieutenant Commander,
U. S. N., Navigator.

(Original (ribbon) copy of this page to be sent to Bureau of Navigation monthly.)

DECLASSIFIED
#03052
By *7761* NARS, Date *3/9/92*

ADDITIONAL SHEET.

U. S. S. C O L O R A D O

Date 16 July, 1957

16 to 18

Anchored as before, making preparations for getting underway. 1609 Tug, with stores barge, shoved off from alongside. 1614 Underway enroute San Francisco, Cal., on course 130° (True), under boilers 4, 5, 6, 7, and 8, both engineering spaces in use with 1-24 pole combination. Standard speed 12 knots (130 rpm). 1627 Increased speed to full, 16 knots (138 rpm). 1651 Changed course to 095° (True). 1716 Changed course to 085° (True). 1732 Changed course to 056° (True). 1735 Took departure with Diamond Head Light bearing 286° (True) and Makapuu Point Light bearing 005.5° (True). 1750 Secured #2 boiler. Average steam - 257.5. Average R.P.M. - 110.

J. O. Lambrecht
J. O. LAMBRECHT,
Lieutenant, U.S. Navy.

18 to 20

Steaming as before on course 056° (True) & (pgc) at 16 knots (134 rpm). 1900 Changed course to 020° (True) while blowing tubes. 1907 Changed course to 056° (True). Average steam - 260. Average R.P.M. - 134.5.

L. O. Fox
L. O. FOX,
Lieutenant (jg), U.S. Navy.

20 to 24

Steaming as before, course 056° (True) & (pgc), speed 15.5 knots (134 rpm). Average steam - 272.5. Average R.P.M. - 134.25.

Chas. F. Sell
CHAS. F. SELL,
Lieutenant (jg), U.S. Navy.

Approved:

W. L. Friedell
W. L. FRIEDEL, L
Captain, U.S. Navy,
Commanding.

Examined:

H. W. Need
H. W. NEED, Lieutenant Commander,
U. S. N. Navigator.

DECLASSIFIED
X03052
By [signature] NARS, Date 3/9/92

LOG OF THE UNITED STATES SHIP C O L O R A D O BB45
(Name) (Identification Number)

AT Pearl Harbor, T.H., to San Francisco, Calif., Saturday, 17 Jul 1937
PASSAGE (Day) (Date) (Month)

ZONE DESCRIPTION Plus 10 1/2 W. L. FRIEDEALL, Captain, U. S. Navy, Commanding.

HOURS	"ALL SHIP" AVERAGE REVOLUTIONS					COURSE (P. C.) Gyro <u> X </u> Mag. (indicate, which)	WIND		BAROMETER		TEMPERATURE			WEATHER BY SYMBOLS	CLOUDS				SEA	
	Nautical Miles	TENTS	Nautical Miles	TENTS	TENTS		DIRECTION	FORCE	HEIGHT IN INCHES	READING AT TEMP.	Air, Dry Bulb	Wet Bulb	WATER AT SURFACE		FORM	MOVING FROM-	AMOUNT	VISIBILITY	CONDITION	SWELL FROM-
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
A.M.																				
1	134.5	15.6	15.1	056	ENE	18	29.94	76	73	79	bc	cu	ENE	3	20	2	E			
2	133.5	15.6	15.5	056	ENE	19	29.94	76	73	79	bc	cu	ENE	2	20	2	E			
3	133.5	15.6	15.1	056	ENE	20	29.94	76	73	79	bc	cu	ENE	4	20	2	E			
4	134.5	15.6	16.3	056	ENE	19	29.94	76	72	78	bc	cu	ENE	3	20	2	E			
5	134.5	15.6	15.1	056	ENE	19	29.95	75	72	78	bc	cu	NE	2	30	2	NE			
6	133.5	15.6	15.2	056	ENE	20	29.96	75	71	78	bc	cu	NE	5	40	2	NE			
7	134.5	15.6	16.2	056	ENE	20	29.98	75	72	78	bc	ci	cu	NE	6	45	2	NE		
8	132.5	15.5	14.5	056	ENE	20	30.00	75	72	78	bc	ci	cu	NE	6	45	2	NE		
9	134.5	15.7	15.5	056	ENE	15	30.00	76	72	78	bc	ci	cu	NE	3	45	2	NE		
10	133.5	15.6	15.4	056	ENE	15	30.01	76	71	78	ha	ci	cu	NE	2	45	2	NEXE		
11	134.5	15.7	15.7	056	ENE	15	30.01	76	71	78	bc	ci	cu	NE	2	45	4	NEXE		
12	134.5	15.7	15.3	056	ENE	16	30.01	76	71	78	bc	ci	cu	NE	3	40	4	NEXE		

Lat. <u> 23-21-00 </u> N Long. <u> 154-24-00 </u> W	Fuel Received <u> - </u> Expended <u> 33,289 </u> g On hand <u> 502,780 </u> "	DRILLS AND EXERCISES
Lat. <u> 23-57-00 </u> N Long. <u> 153-30-00 </u> W	Water Distilled <u> 32,750 </u> " Received <u> 2,150 </u> " Expended <u> 29,686 </u> " On hand <u> 204,790 </u> "	Morning Afternoon Division 1 _____ 2 _____ 3 _____ 4 _____ 5 _____ 6 _____ 7 _____ 8 _____ 9 _____
Lat. <u> 25-04-00 </u> N Long. <u> 151-42-00 </u> W	BEFORE LEAVING PORT Draft for'd _____ Draft aft. _____	
Current { Set <u> 256° </u> Drift <u> .85 </u> knots	AFTER ENTERING PORT Draft for'd _____ Draft aft. _____	
GYROCOMPASS IN USE Error <u> 0.2° </u> W	MAGAZINE TEMPERATURES: Maximum <u> 90° </u> Minimum <u> 80° </u>	
STANDARD MAG. COMPASS Compass No. <u> 88 </u> S. H. <u> 046° </u> Error <u> 12° </u> E Variation <u> 12° 15' </u> E Deviation <u> 0° 15' </u> W	NORMAL	

P.M.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
13	132.5	15.2	15.2	056	ENE	18	30.01	76	71	79	bc	ci	cu	NE	4	50	4	NEXE						
14	128.5	07.6	07.5	056	ENE	18	30.02	76	71	78	bc	ci	cu	NE	5	50	4	NEXE						
15	133.5	15.6	15.3	059	ENE	16	30.02	76	71	79	bc	ci	cu	NE	4	50	4	NEXE						
16	134.5	15.6	15.7	058	ENE	16	30.01	76	71	78	bc	ci	cu	NE	3	50	4	NEXE						
17	135.5	15.7	16.1	058	ENE	15	29.99	75	70	78	bc	ci	cu	NE	4	50	4	NE						
18	135.5	15.7	15.6	058	ENE	15	30.00	75	70	78	bc	ci	cu	NE	3	50	3	NE						
19	135.5	15.7	16.3	058	ENE	17	30.02	74	70	78	bc	cu	cu	NE	4	45	3	NE						
20	135.1	15.7	15.3	058	ENE	17	30.03	74	69	78	bc	st	cu	NE	5	25	2	ENE						
21	135.5	15.7	15.6	058	E	16	30.04	74	69	78	bc	a	cu	E	4	25	2	ENE						
22	133.5	15.6	15.8	059	E	18	30.04	74	69	78	bc	cu	E	5	30	2	ENE							
23	134.5	15.6	15.6	059	E	18	30.05	74	69	77	bc	ci	cu	E	7	25	2	ENE						
24	134.5	15.6	16.3	059	E	16	30.04	73	70	76	bc	st	cu	E	7	20	2	ENE						

SUBMERGED RUN DATA—SUBMARINES

	1	2	3	4	5
Run No. (Serial)					
Time to submerge					
Greatest depth					

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DECLASSIFIED
#03052
By TWH NARS, Date 3/9/92

UNITED STATES SHIP C O L O R A D O Saturday 17 July 1937
(Day) (Date) (Month)

ZONE DESCRIPTION Plus 10 $\frac{1}{2}$

REMARKS.

0 to 4

Steaming enroute Pearl Harbor, T.H., to San Francisco, Calif., on course 056° (True) & (pgc) at 16 knots (134 rpm). Boilers 4, 5, 6, 7, and 8 in use for steaming purposes. Both machinery spaces in use; 2-24 pole combination. 0312 Changed course to 025° (True) and blew tubes on all steaming boilers. 0320 Resumed course 056° (True). Average steam - 266.25. Average R.P.M. - 134.

W. B. Short, Jr.
W. B. SHORT, Jr.,
Lieutenant (jg), U.S. Navy.

4 to 8

Steaming as before on course 056° (True & pgc) at a speed of 16 knots (134 rpm); standard speed is 12 knots (103 rpm). 0702 Shifted to #1 set of main steering motors. 0732-0739 Steered course 000° (True) and blew tubes under all steaming boilers. Average steam - 258.75. Average R.P.M. - 135.75.

E. W. Abbot
E. W. ABBOT,
Ensign, U.S. Navy.

8 to 12

Steaming as before on course 056° (True) & (pgc) at 16 knots (134 rpm); standard speed is 12 knots (103 rpm). 0825 Sighted steamer bearing 030° (True) on port bow, distant 15 miles. 0907 Passed steamer abeam to port, distant 8 miles. 0914 Made daily inspection of powder and magazines. Conditions normal. 0930 Quarters for muster and Military Inspection. No absentees. 1049 A deck court, Lieut. R. B. Goldman, U.S.N., met to try the case of Carter, Louis W., Slc. 1128 Changed course to 020° (True) to blow tubes. 1135 Resumed course 056° (True). 1145 The Deck Court which met at 1049 recessed. Average steam - 262.5. Average R.P.M. - 134.25.

J. H. Maurer
J. H. MAURER,
Ensign, U.S. Navy.

12 to 16

Steaming as before on course 056° (True), speed 16 knots (134 rpm). 1330 The deck court, Lieut. R. B. Goldman, U.S.N., was resumed in case of Carter, Louis W., Slc. 1300 Set all ship's clocks ahead one-half hour to zone time plus ten. 1434 Changed course to 058° (True). 1444 Changed course to 020° (True) to blow tubes. 1450 Changed course to 058° (True). 1500 The Deck Court in case of Carter, Louis W., Slc., adjourned. Average steam - 260. Average R.P.M. - 132.25.

A. B. Fiedler
A. B. FIEDLER,
Ensign, U.S. Navy.

16 to 18

Steaming as before on course 058° (True), speed 16 knots (134 rpm). Average steam - 267.5. Average R.P.M. - 135.5.

F. E. Sellers, Jr.
F. E. SELLERS, Jr.,
Ensign, U.S. Navy.

18 to 20

Steaming as before on course 058° (True), speed 16 knots (134 rpm). 1853 Changed course to 000° (True) to blow tubes. 1900 Resumed course 058° (True). Average steam - 267.5. Average R.P.M. - 135.3.

J. H. Baird
J. H. BAIRD,
Ensign, U.S. Navy.

20 to 24

Steaming as before on course 058° (True), speed 16 knots (134 rpm). 2140 Changed course to 059° (True). Average steam - 266.25. Average R.P.M. - 134.5.

L. J. Baird
L. J. BAIRD,
Ensign, U.S. Navy.

Approved: W. L. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.

Examined: *H. W. Need*
H. W. NEED, Lieutenant Commander,
U. S. N., Navigator.

(Original (ribbon) copy of this page to be sent to Bureau of Navigation monthly.)

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By <i>WLF</i>	NARS, Date 3/9/02