



N. Nav. 32. (Aug., 1928)

177
AUG 14 1937

LOG BOOK

OF THE

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

F I R S T Rate,

COMMANDED BY

T. WITHERS, C A P T A I N, U. S. Navy,

Attached to { F O U R T H Division,
Squadron,
B A T T L E Fleet,

Commencing 1 J U L Y, 19³⁷,

at P A S S A G E, H I L O, T. H., T O H O N O L U L U, T. H.,

and ending 31 J U L Y, 19³⁷,

at P. S. N. Y., B R E M E R T O N, W A S H I N G T O N.

1928

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, 1937.

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.B.	Lieutenant	6-24-36		Watch & Division
Dodson, E.N., jr.	Lieutenant	6-10-35		Aide to Executive
McKee, S.J.	Lieutenant	6-1-35		Watch & Division
Hamley, J.R.	Lieutenant	6-8-36		Division & Electrical Officer
Nickelson, W.R.D.	Lieutenant	6-28-36		Watch & Division
Moore, F.E.	Lieutenant	7-22-37		Radio Officer
Fox, Leonard O.	Lieut. (jg)	6-14-37		Watch & Division
Ashford, G.W.	Lieutenant	1-18-36		Aviation Gunnery
Sell, C.F.	Lieut. (jg)	3-12-36		Watch & Division
Short, W.B., jr.	Lieut. (jg)	6-8-36		Watch & Division
Abbot, E.W.	Lieut. (jg)	7-15-34		Aviation Material
Nielson, H.H.	Ensign	4-12-37		Watch & Division
Foster, C.S.	Ensign	6-28-35		Signal Officer
Gadrow, V.M.	Ensign	6-28-35		Jr. Watch & Div.
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		Watch & Division
Weldon, A.R.	Ensign	6-28-35		Jr. Watch & Div.

Examined and found to be correct.

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

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

Navigator.

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		
Krogh, B.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		
Leake, Raymond A.	Cadet	3-4-37		Ass't. Eng.
Wilson, J.A.	Cadet	4-1-37		Prog. Courses
Jordan, W.	Cadet	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. (SG)	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.

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.

[illegible]

Examined and found to be correct.

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

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

LIST OF OFFICERS

Attached to and on board of the U. S. S. _____, commanded
by _____, U. S. N., during the period covered by this Log Book, with date of
reporting for duty, detachment, transfer, or death, from _____, 19____, to _____, 19____

[illegible]

Examined and found to be correct.

Navigator.

(Day.)

(Date.)

(Month.)

19

ZONE DESCRIPTION

REMARKS.

Approved:

Examined:

U. S. N., Navigator.

Page _____

LOG OF THE UNITED STATES SHIP

C O L O R A D O

BB45

(Name)

(Identification Number)

At Anchor, Lahaina Roads, T.H.

Thursday, 1 July, 1937

~~Passage~~

(Day)

(Date)

(Month)

ZONE DESCRIPTION Plus 10½

W. L. FRIEDEL, Captain,

U. S. Navy, Commanding.

Hour	"ALL SHAFT" AVERAGE REVOLUTIONS	BY REVS.		BY LOG		COURSE (P. C.) Gyro _____ Mag. _____ (Indicate which)	WIND		BAROMETER		TEMPERATURE			WEATHER BY SYMBOLS	CLOUDS			VISIBILITY	SEA	
		NAUTICAL MILES	TENTHS	NAUTICAL MILES	TENTHS		DIRECTION	FORCE	HEIGHT IN INCHES	READING AT THER.	AIR, DRY BULB	AIR, WET BULB	WATER AT SURFACE		FORM	MOVING FROM—	AMOUNT		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 cu	W	3	45	1	SEXS
8	65.5	7	9	7	5	190	W	8	29.96		79	71	78	bc	ci cu	W	3	50	1	SE
9	84.5	9	8	8	9	195	W	10	30.00		76	71	78	bc	ci cu	W	5	51	1	W
10	93.5	9	7	8	8	106	E	12	29.99		77	73	78	bc	ci cu	SW	5	51	1	W
11	84.5	9	8	8	8	285	NE	8	29.98		79	73	78	bc	ci cu	NE	5	51	1	W
12	60.8	7	2	7	1	306	NW	12	29.94		81	73	78	bc	ci cu	NW	5	51	0	NW

Latitude 30-40-42 W Obs
Longitude 156-45-00 W ObsLatitude 20-41-60 N
Longitude 157-01-30 WLatitude
LongitudeCurrent { Set
DriftGYROCOMPASS IN USE
ErrorSTANDARD MAG. COMPASS
Compass No.
S. H.
Error
Variation
DeviationFuel { Received - - - - -
Expended 8,150 g
On hand 805,393 "Water { Distilled 22,700 "
Received - - - - -
Expended 35,852 "
On hand 13,050 "BEFORE LEAVING PORT
Draft for'd 33' 11"
Draft aft. 34' 00"AFTER ENTERING PORT
Draft for'd 33' 3"
Draft aft. 34' 0"MAGAZINE TEMPERATURES:
Maximum 86°
Minimum 78°

NORMAL

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 cu | SE | 2 | 51 | 1 | NW |
14	121.5	14	3	14	1	308	NE	27	29.92		79	74	78	bc	ci cu	NNE	3	50	1	NNW
15	138.5	16	1	14	5	308	NE	32	29.92		78	74	78	bcz	ci cu	NE	4	45	1	NNW
16	127.7	15	3	15	0	308	NE	10	29.92		77	72	78	bcz	ci cu	NE	4	45	1	NNW
17	43.5	4	1	4	0	217	NE	10	29.92		77	72	78	bcz	ci cu	NE	4	45	1	NNW
18						218	NE	10	30.00		79	73		c	st cu	NE	7	45		
19						218	NE	10	30.00		79	73		bc	st cu	NE	5	40		
20						218	NE	7	30.01		78	72		d	nh	NE	8	40		
21						218	NE	7	30.00		76	73		bc	st cu	NE	7	15		
22						218	NE	6	30.02		77	75		bc	st cu	NE	4	12		
23						218	NE	6	30.03		77	76		bc	cu	NE	3	12		
24						218	NE	5	30.03		77	76		bc	cu	NE	2	12		

SUBMERGED RUN DATA—SUBMARINES

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

UNITED STATES SHIP C O L O R A D O Thursday 1 July 1937
(Day.) (Date.) (Month.)ZONE DESCRIPTION Plus 10 $\frac{1}{2}$

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. M. Gabor
V. M. GABOR,

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., S2c., 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.

LOG OF THE UNITED STATES SHIP

COLORADO

BB45

(Identification Number)

Moored, Pier #2, Honolulu, T.H.

Friday 2 July, 1937

Plus 10¹/₂

W. L. FRIEDEL, Captain,

U. S. Navy, Commanding.

Hour	"All Shaft" Average Revolu- tions	By Revs.		By Log		Course (P. C.) Gyro _____ Mag. _____ (Indicate which)	Wind		Barometer		Temperature			Weather, by Symbols	Clouds			Visibility	Sea	
		Nautical Miles	Tenths	Nautical Miles	Tenths		Direction	Force	Height in Inches	Reading at. Ther.	Air, Dry Bulb	Air, Wet Bulb	Water at Surface		Form	Moving From—	Amount		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							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		Received 12,703 g		Expended		On hand 784,636 "		Distilled 22,150 "		Received		Expended		On hand		Division		Morning		Afternoon	
Latitude		Longitude		Draft for'd		Draft aft.		Draft for'd		Draft aft.		Maximum 86°		Minimum 79°		NORMAL		1					
Latitude		Longitude		Draft for'd		Draft aft.		Draft for'd		Draft aft.								2					
Latitude		Longitude		Draft for'd		Draft aft.		Draft for'd		Draft aft.								3					
Latitude		Longitude		Draft for'd		Draft aft.		Draft for'd		Draft aft.								4					
Latitude		Longitude		Draft for'd		Draft aft.		Draft for'd		Draft aft.								5					
Latitude		Longitude		Draft for'd		Draft aft.		Draft for'd		Draft aft.								6					
Latitude		Longitude		Draft for'd		Draft aft.		Draft for'd		Draft aft.								7					
Latitude		Longitude		Draft for'd		Draft aft.		Draft for'd		Draft aft.								8					
Latitude		Longitude		Draft for'd		Draft aft.		Draft for'd		Draft aft.								9					

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

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

ADDITIONAL SHEET.

U. S. S. C O L O R A D ODate 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. N., Navigator.

ADDITIONAL SHEET

1. To be filled in by the commanding officer of the vessel.

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Approved:

Examined:

1. To be filled in by the commanding officer of the vessel.

1. To be filled in by the commanding officer of the vessel.

UNITED STATES SHIP C O L O R A D O Friday 2 July 19 37
(Day.) (Date.) (Month.)ZONE DESCRIPTION Plus 10 $\frac{1}{2}$

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 $\frac{1}{2}$ " wire; 3 forward breast lines, 8" manila; 5 after breast lines, 8" manila; 2 forward waist breast lines, 1 $\frac{1}{2}$ " wire; 3 after waist breast lines, 1 $\frac{1}{2}$ " wire; 3 forward quarter springs, 8" manila; 3 after quarter breast, 8" manila; 3 forward quarter breasts, 1 $\frac{1}{2}$ " wire; 3 stern lines, 1 $\frac{1}{2}$ " manila. #8 boiler and after machinery space steaming for auxiliary purposes.

L. B. 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., ACMM., Ross, H.P., AMMlc., 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, MM2c., 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., WTlc., 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., SK2c., 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. Friedell*
W. L. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.

Examined:

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

C O L O R A D O

(Identification Number)

Saturday 8 July, 1937
(Day) (Date) (Month)

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

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

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

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: Com14 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. Cadrew
V. M. CADREW,
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.

Examined:

U. S. N., Navigator.

UNITED STATES SHIP C O L O R A D O Saturday 3 July, 1937
(Day.) (Date.) (Month.)ZONE DESCRIPTION Plus 10 $\frac{1}{2}$

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 $\frac{1}{2}$ " wire; 3 forward breast lines of 8" manila; 2 forward waist breasts of 1 $\frac{1}{2}$ " wire; 3 after waist breasts of 1 $\frac{1}{2}$ " wire; 3 forward quarter springs of 8" manila; 3 after quarter breasts of 8" manila; 3 forward quarter breasts of 1 $\frac{1}{2}$ " wire; 3 stern lines of 1 $\frac{1}{2}$ " 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 Coml4 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., SK1c., U.S.N., Ehling, F., SF3c., U.S.N., Rogers, J.B., GM1c., U.S.N. 0215 Lighted fires under #6 boiler. 0235 Williams, D., EM1c., 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.

V. M. Gadow
V. M. GADOW,
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, 381 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. ND14/420/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, AMM3c., 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 Platzeck, Orlando F., 371 84 18, MM2c., 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. L. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.

Examined:

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

LOG OF THE UNITED STATES SHIP										C O L O R A D O				BB45																																							
										(Name)				(Identification Number)																																							
AT										Pearl Harbor, T.H.,				TO Howland Island				Sunday 4		July		19 37																															
PASSAGE														(Day)		(Date)		(Month)																																			
ZONE DESCRIPTION										Plus 10 $\frac{1}{2}$				W. L. FRIEDEL				Captain, U. S. Navy, Commanding.																																			
Hour	"ALL SHIP" AVERAGE REVOLUTIONS	BY REVS.		BY LOG		Course (P. C.)	WIND		BAROMETER		TEMPERATURE			WEATHER BY SYMBOLS	CLOUDS			SEA																																			
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<div style="display: flex; justify-content: space-between;"> <div> <p>m. Latitude 17-52-00 N</p> <p>s. Longitude 161-20-00 W</p> </div> <div> <p>Received 373,297 g</p> <p>Expended 22,235 "</p> <p>On hand 1,133,575 "</p> </div> <div> <p>DRILLS AND EXERCISES</p> <table border="1" style="width:100%;"> <thead> <tr> <th colspan="2">Morning</th> <th colspan="2">Afternoon</th> </tr> </thead> <tbody> <tr><td>Division</td><td></td><td></td><td></td></tr> <tr><td>1</td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td></tr> </tbody> </table> </div> </div>										Morning		Afternoon		Division				1				2				3				4				5				6				7				8				9			
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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., AMMlc., 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 abeam 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 - 255. 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. L. FRIEDEL,
Captain, U.S. Navy,
Commanding.

Examined:

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

UNITED STATES SHIP COLORADO Sunday 4 July, 1937
(Day.) (Date.) (Month.)ZONE DESCRIPTION Plus 10 $\frac{1}{2}$

REMARKS.

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.

J. H. Maurer
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.

A. E. Weldon
A. E. 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.

F. E. Sellers Jr.
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.

V. M. Cadron
V. M. CADRON,

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.

L. O. Fox
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.

W. B. Short Jr.
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.

L. J. Baird
L. J. BAIRD,

Ensign, U.S. Navy.

Approved:

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

Examined:

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

BB45

(Name)

(Identification Number)

AT Howland Island, from Pearl Harbor, T.H.
PASSAGE

Monday, 5 July, 1937
(Day) (Date) (Month)

ZONE DESCRIPTION Plus 11

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

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

P.M.																			
13	147.5	17	1	17	0	221	SE	21	29.78		81	79	82	o	st cu	SE	10	35	4 E
14	147.5	17	1	16	8	221	SE	19	29.78		80	78	82	c	a cu	SE	9	45	4 E
15	147.5	17	1	17	4	221	SE	19	29.78		81	78	83	bc	a cu	SE	8	45	2 E
16	146.8	17	0	17	3	221	S	19	29.76		81	77	83	bc	ci cu	S	7	45	2 E
17	147.5	17	1	17	3	221	ESE	16	29.74		81	77	82	cp	st cu	ESE	8	45	1 SE
18	148.5	17	2	17	3	221	ENE	19	29.75		81	77	82	cp	st cu	ESE	8	45	1 SE
19	147.5	17	1	17	3	221	ENE	18	29.76		81	78	83	cp	st cu	E	9	45	1 SE
20	148.6	17	2	17	1	221	E	18	29.80		81	78	83	bc	st cu	E	3	40	1 SE
21	148.5	17	5	15	5	221	E	19	29.80		80	78	83	bc	st cu	E	4	40	1 SE
22	147.5	17	1	19	3	221	E	19	29.80		80	78	83	bc	st cu	E	4	40	1 SE
23	147.5	17	1	17	4	221	E	19	29.80		80	78	83	bc	st cu	E	4	40	1 SE
24	146.7	17	0	16	9	221	E	19	29.80		80	78	82	bc	st cu	E	4	40	1 SE

SUBMERGED RUN DATA—SUBMARINES

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

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. O. Fox
L. O. 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. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.

Examined:

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

LOG OF THE UNITED STATES SHIP

COLO R A D O

BB45

(Name)(Identification Number)

At Pearl Harbor, T.H., TO Howland Island Tuesday 6 July 1937

PASSAGE(Day)(Date)(Month)

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

Hour	"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		
		Nautical Miles	Tenths	Nautical Miles	Tenths		Direction	Force	Height in Inches	Reading at Ther.	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	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

Latitude 7-33-00 N

Longitude 171-05-00 W

Latitude 6-28-30 N Obs

Longitude 171-34-09 W Obs

Latitude 4-18-00 N

Longitude 172-39-00 W

Current { Set 228°
Drift .8 knots

Gyrocompass in Use

Error 0.7° E

Standard Mag. Compass

Compass No. #88

S. H. 192°

Error 13° E

Variation 9° E

Deviation 4° E

Fuel { Received - - - - -
Expended 55,981 g
On hand 1,026,064 "

Water { Distilled 37,800 "
Received - - - - -
Expended 28,109 "
On hand 246,723 "

BEFORE LEAVING PORT

Draft for'd

Draft aft.

AFTER ENTERING PORT

Draft for'd

Draft aft.

MAGAZINE TEMPERATURES:

Maximum 88

Minimum 80

NORMAL

DRILLS AND EXERCISES

Morning

Afternoon

Division 1
2
3
4
5
6
7
8
9

P. M.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
13	156.6	18	1	18	8	205	EXN	13	29.79		85	82	84	bc	cu	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	SEXS	11	29.74		84	83	85	bc	a cu	E	3	50	2	ESE
19	156.2	18	1	18	0	205	SEXS	11	29.74		84	83	85	bc	a cu	E	3	50	2	ESE
20	155.5	17	9	17	9	205	SEXS	11	29.76		83	82	85	bc	a cu	E	3	20	2	ESE
21	156.5	18	1	18	4	205	SEXS	11	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

	1	2	3	4	5
Run No. (Serial)					
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

UNITED STATES SHIP C O L O R A D O Tuesday 6 July, 19 37
(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.

W. M. Gibson
W. M. GIBSON,
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. F. Baird
L. F. 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. Abbot
E. W. ABBOT,
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.

LOG OF THE UNITED STATES SHIP										C O L O R A D O					BB45																													
										(Name)					(Identification Number)																													
AT Pearl Harbor, T.H.,										TO Howland Island					Wednesday, 7 July, 19 37																													
PASSAGE										(Day)					(Date)					(Month)																								
ZONE DESCRIPTION Plus 11										W. L. FRIEDEL,					Captain, U. S. Navy, Commanding.																													
HOUR	"ALL SHIP" AVERAGE REVOLUTIONS	BY REVS.		BY LOG		COURSE (P. C.)	WIND		BAROMETER		TEMPERATURE			WEATHER BY SYMBOLS	CLOUDS			SEA																										
		NAUTICAL MILES	TENTHS	NAUTICAL MILES	TENTHS		Gyro	DIRECTION	FORCE	HEIGHT IN INCHES	READING AT THER.	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	155.5	18	0	18	4	205	E	172	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	8	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																								
m. Latitude 1-28-00 N Obs.							Received - - - - -							DRILLS AND EXERCISES																														
s. Longitude 173-54-00 W Obs.							Expended 63,452 g							Morning			Afternoon																											
							On hand 1,001,565 "							Division																														
Noon Latitude 0-55-00 N							Distilled 36,700 "							1																														
Longitude 174-11-00 W							Received - - - - -							2																														
							Expended 31,682 "							3																														
m. Latitude 0-14-00 S							On hand 251,741 "							4																														
s. Longitude 175-17-00 W Obs														5																														
							BEFORE LEAVING PORT							6																														
Current Set 260°							Draft for'd							7																														
Drift 1.33 knots							Draft aft.							8																														
							AFTER ENTERING PORT							9																														
GYROCOMPASS IN USE							Draft for'd																																					
Error 0.1° W							Draft aft.																																					
STANDARD MAG. COMPASS							MAGAZINE TEMPERATURES:																																					
Compass No. #88							Maximum 89°																																					
S. H. 246							Minimum 83°																																					
Error 14° E							NORMAL																																					
Variation 9° E																																												
Deviation 5° E																																												
P. M.																																												
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																																												
<table><tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr><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></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																																												

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. R. Weldon
A. R. 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.

G. M. Gadow
G. 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. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.

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

LOG OF THE UNITED STATES SHIP										COLORADO				BB45											
										(Name)				(Identification Number)											
AT Pearl Harbor, T.H.,										TO Search for Earhart										Thursday, 8 July, 1937					
PASSAGE										(Day)				(Date)		(Month)									
ZONE DESCRIPTION Plus 11 1/2										W. L. FRIEDEL, Captain,				U. S. Navy, Commanding.											
Hour	"All Shaft" 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							
		Nautical Miles	Tenths	Nautical Miles	Tenths		Direction	Force	Height in Inches	Reading at Ther.	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	8	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					
Latitude 1-04-00 S Longitude 175-24-00 W							Fuel { Received - - - - - Expended 28,013 g On hand 912,833 "							DRILLS AND EXERCISES											
Latitude 1-40-30 S Longitude 175-16-30 W							Water { Distilled 29,000 " Received - - - - - Expended 30,829 " On hand 250,032 "							Morning Afternoon											
Latitude 2-43-00 S Obs Longitude 175-01-00 W Obs							BEFORE LEAVING PORT Draft for'd Draft aft.							Division 1 2 3 4 5 6 7 8 9											
Current { Set 307° Drift .44 knots							AFTER ENTERING PORT Draft for'd Draft aft.																		
GYROCOMPASS IN USE Error 0.1° E							MAGAZINE TEMPERATURES: Maximum 90° Minimum 83° NORMAL																		
STANDARD MAG. COMPASS Compass No. 88 S. H. 179.9 Error 7.9° E Variation 9.0° E Deviation 2.9° W																									
P. 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																									
Run No. (Serial)																									
Time to submerge																									
Greatest depth																									

ADDITIONAL SHEET.

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

Date 7 July, 1937

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:

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

Examined:

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

UNITED STATES SHIP COLORADO Thursday 8 July, 1937
(Day.) (Date.) (Month.)ZONE DESCRIPTION Plus 11 $\frac{1}{2}$

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, Jr.
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. Galloway
V. M. GALLOWAY,
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. J. Baird
L. J. 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, *WLF*
Captain, U.S. Navy,
Commanding.

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

C O L O R A D O

BB45
(Identification Number)

At Sea, Conducting Search for Earhart Plane

Friday 9 July, 1937
(Day) (Date) (Month)

ZONE DESCRIPTION Plus 11 1/2

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

HOUR	"ALL SHAFT" AVERAGE REVOLU- TIONS	BY REVVS.		BY LOG		COURSE (P. C.) Gyro <u>X</u> Mag. _____ (Indicate which)	WIND		BAROMETER		TEMPERATURE			WEATHER, BY SYMBOLS	CLOUDS			VISIBILITY	SEA	
		NAUTICAL MILES	TENTHS	NAUTICAL MILES	TENTHS		DIRECTION	FORCE	HEIGHT IN INCHES	READING AT THER.	AIR, DRY BULB	AIR, WET BULB	WATER AT SURFACE		FORM	MOVING FROM—	AMOUNT		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	67.5	8	1	7	7	180	NE	12	29.73		83	80	84	bc	cu	NE	1	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	130	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

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

P.M.
13
14
15
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20
21
22
23
24

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

UNITED STATES SHIP C O L O R A D O Friday 9 July, 19 37
(Day.) (Date.) (Month.)ZONE DESCRIPTION Plus 11½

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. 0656½ 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. MAURER
J. H. MAURER,
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. R. WELDON
A. R. 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 forecastle 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.

W. M. GADSDEN
W. M. GADSDEN,
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. FRIEDEL
W. L. FRIEDEL,
Captain, U.S. Navy,
Commanding.

Examined: *L. J. BAIRD* L. J. BAIRD, Ensign, U.S. Navy.

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

C O L O R A D O

BB45

(Identification Number)

Saturday, 10 July, 1937
(Day) (Date) (Month)

ZONE DESCRIPTION Plus 11 $\frac{1}{2}$

W. L. FRIEDEL,.

Captain, *U. S. Navy, Commanding.*

8 a. m. Latitude <u>03-52-30 S</u> Longitude <u>172-05-00 W</u>		Fuel { Received <u>- - - - -</u> Expended <u>17,034 g</u> On hand <u>882,783 "</u>	DRILLS AND EXERCISES	
Noon Latitude <u>03-23-00 S</u> Longitude <u>171-56-00 W</u>			Morning	Afternoon
8 p. m. Latitude <u>02-10-00 S</u> Longitude <u>171-58-30 W</u>		Water { Distilled <u>26,900 "</u> Received <u>- - - - -</u> Expended <u>38,133 "</u> On hand <u>238,515 "</u>	Division	
Current { Set <u>285°</u> Drift <u>.75 knots</u>			1	
GYROCOMPASS IN USE Error <u>0.3° E</u>		BEFORE LEAVING PORT	2	
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>		Draft for'd	3	
		Draft aft.	4	
		AFTER ENTERING PORT	5	
		Draft for'd	6	
		Draft aft.	7	
		MAGAZINE TEMPERATURES:	8	
		Maximum <u>90°</u>	9	
		Minimum <u>84°</u>		
		NORMAL		

P. M.																					
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					

UNITED STATES SHIP COLORADO Saturday 10 July, 1937
(Day.) (Date.) (Month.)ZONE DESCRIPTION Plus 11½

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, 12 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 Jeffries, 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 14½ 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, Jr.
F. E. SELLERS, JR.,

Ensign, U.S. Navy.

Approved:

W. L. Friedell
W. L. FRIEDEL, *WLF*
Captain, U.S. Navy,
Commanding.*H. W. Need*
H. W. NEED, Lieut. Comdr.,

U. S. N., Navigator.

LOG OF THE UNITED STATES SHIP

COLORADO

BB45

(Name)

(Identification Number)

At

Howland Island

TO

Pearl Harbor

Sunday, 11 July

19 37

(Day)

(Date)

(Month)

PASSAGE

ZONE DESCRIPTION

Plus 11 1/2

W. L. FRIEDEL,

Captain,

U. S. Navy, Commanding.

Hour	"All Shaft" 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	
		Nautical Miles	Tenths	Nautical Miles	Tenths		Direction	Force	Height in Inches	Reading at Ther.	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
														DRILLS AND EXERCISES					
m. Latitude 00-35-00 N s. Longitude 172-31-00 W							Fuel { Received 22,806 g Expended 455,709 " On hand 814,407 "							Morning Afternoon					
Noon Latitude 1-27-00 N Obs. Longitude 172-39-30 W Obs.							Water { Distilled 34,400 " Received 410 " Expended 27,781 " On hand 245,544 "							Division 1 2 3 4 5 6 7 8 9					
p.m. Latitude 3-17-30 N Longitude 172-57-30 W							BEFORE LEAVING PORT Draft for'd Draft aft.												
Current { Set 300° Drift .83 knots							AFTER ENTERING PORT Draft for'd Draft aft.												
GYROCOMPASS IN USE Error 0.1° E							MAGAZINE TEMPERATURES: Maximum 90° Minimum 84° NORMAL												
STANDARD MAG. COMPASS Compass No. #88 S. H. 342° Error 10° E Variation 8°-30' E Deviation 1°-00'-00" E																			
P.M.																			
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																			

ADDITIONAL SHEET.

U. S. S. C O L O R A D ODate 10 July, 1937

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.

V. M. Sadrow
V. M. Sadrow,
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.

20 to 24
Learning as before on course 450° (true). This time at speed 10.5 knots
(100 rpm). Average speed - 10.5. Average time - 1:15.00.

V. M. F. 1000
1000.00

Approved:

Examined:

V. M. F. 1000, 1000.00

V. M. F. 1000, 1000.00

U. S. N., Navigator.

UNITED STATES SHIP C O L O R A D O Sunday 11 July 19 37
(Day.) (Date.) (Month.)ZONE DESCRIPTION Plus 11½

REMARKS.

0 to 4

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 14½ knots (123 rpm). 0037 Cut in #2 boiler on main steam line. Average steam - 252.5. Average R.P.M. - 122.

L. J. Baird
L. J. BAIRD,

Ensign, U.S. Navy.

4 to 8

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.

Chas. F. Sell
CHAS. F. SELL,

Lieutenant (jg), U.S. Navy.

8 to 12

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.

E. W. Abbot
E. W. ABBOT,

Ensign, U.S. Navy.

12 to 16

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.

J. H. Maurer
J. H. MAURER,

Ensign, U.S. Navy.

16 to 20

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.

A. R. Feldman
A. R. FELDMAN,

Ensign, U.S. Navy.

20 to 24

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.

F. E. Sellers, jr.
F. E. SELLERS, jr.,

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.

LOG OF THE UNITED STATES SHIP

COLORADO

BB45

(Name)

(Identification Number)

AT

Howland Island Area

TO

Honolulu, T.H.

Monday 12

July

1937

(Day)

(Date)

(Month)

PASSAGE

ZONE DESCRIPTION

Plus 11 1/2

W. L. FRIEDEL, Captain,

U. S. Navy, Commanding.

HOUR	"ALL SHIP" AVERAGE REVOLUTIONS	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			VISIBILITY	SEA								
		NAUTICAL MILES	TENTHS	NAUTICAL MILES	TENTHS		DIRECTION	FORCE	HEIGHT IN INCHES	READING AT THER.	AIR, DRY BULB	AIR, WET BULB	WATER AT SURFACE		FORM	MOVING FROM	AMOUNT		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	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	o&q	cu nb	E	10	20	4 N								
12	58.1	7	0	5	6	040	E	19	29.71		80	78	85	o&q	cu nb	E	10	20	4 ENE								
DRILLS AND EXERCISES																											
8 a.m. { Latitude 5-44-00 N Obs. Longitude 172-54-00 W Obs.						Fuel { Received - - - - - Expended 33,590 g On hand 780,817 "						Morning Afternoon															
Noon { Latitude 6-01-00 N Longitude 172-40-00 W						Water { Distilled 25,400 " Received - - - - - Expended 25,400 " On hand 245,344 "						Division 1 2 3 4 5 6 7 8 9															
8 p.m. { Latitude 6-55-00 N DR Longitude 171-47-00 W DR						Current { Set 086° Drift .7 knots						BEFORE LEAVING PORT Draft for'd Draft aft.															
GYROCOMPASS IN USE Error .3° E						AFTER ENTERING PORT Draft for'd Draft aft.																					
STANDARD MAG. COMPASS Compass No. #88 S. H. 036° Error 8° E Variation 8° 45' E Deviation 0° 45' W						MAGAZINE TEMPERATURES: Maximum 92° Minimum 84° NORMAL																					
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	29.81		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								
SUBMERGED RUN DATA—SUBMARINES																											
Run No. (Serial) _____																											
Time to submerge _____																											
Greatest depth _____																											

UNITED STATES SHIP COLORADO Monday 12 July, 19 37
(Day.) (Date.) (Month.)ZONE DESCRIPTION Plus 11 $\frac{1}{2}$

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.

V. M. Sadow
V. M. SADOW,

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. G. Baird
L. G. 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 Recommenced 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.

LOG OF THE UNITED STATES SHIP

COLORADO

BB45

(Name)

(Identification Number)

AT Howland Island

TO Honolulu, T.H.

Tuesday, 13 July, 1937

PASSAGE

(Day)

(Date)

(Month)

ZONE DESCRIPTION Plus 11½

W. L. FRIEDEL, Captain,

U. S. Navy, Commanding.

HOUR	"ALL SHAFT" AVERAGE REVOLU- TIONS	BY REVS.		BY LOG		COURSE (P. C.) Gyro <input checked="" type="checkbox"/> Mag._____ (Indicate which)	WIND		BAROMETER		TEMPERATURE			WEATHER, BY SYMBOLS	CLOUDS			VISIBILITY	SEA	
		NAUTICAL MILES	TENTHS	NAUTICAL MILES	TENTHS		DIRECTION	FORCE	HEIGHT IN INCHES	READING AT THER.	AIR, DRY BULB	AIR, WET BULB	WATER AT SURFACE		FORM	MOVING FROM—	AMOUNT		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	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

m Latitude 9-05-00 N		Fuel { Received - - - - - Expended 22,687 g On hand 631,400 "	DRILLS AND EXERCISES	
s Longitude 169-56-30 W			Morning	Afternoon
Noon Latitude 9-43-00 N		Water { Distilled 19,850 " Received - - - - - Expended 27,106 " On hand 238,088 "	Division	
N Longitude 169-18-00 W			1	
m Latitude 11-00-30 N		BEFORE LEAVING PORT	2	
s Longitude 168-12-00 W			3	
Current { Set 285°		AFTER ENTERING PORT	4	
Drift 0.9 knots			5	
GYROCOMPASS IN USE		MAGAZINE TEMPERATURES:	6	
Error .5° W			7	
STANDARD MAG. COMPASS		NORMAL	8	
Compass No. 88			9	
S. H. 044		Maximum 90°		
Error 7° E				
Variation 9° E		Minimum 81°		
Deviation 2° W				

P.M.																				
13	116.5	13	7	12	1	044	NE	24	29.68		79	77	83	cq	su 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	oq	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

SUBMERGED RUN DATA—SUBMARINES

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

UNITED STATES SHIP C O L O R A D O Tuesday 13 July 1937
(Day.) (Date.) (Month.)ZONE DESCRIPTION Plus 11 $\frac{1}{2}$

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 - 268. 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.

D. M. Anderson
D. M. ANDERSON,
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.

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

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

C O L O R A D O

(Name)

BB45

(Identification Number)

AT PASSAGE

Howland Island Area

TO Pearl Harbor

Wednesday, 14 July 1937

(Day)

(Date)

(Month)

ZONE DESCRIPTION Plus 11 $\frac{1}{2}$

W. L. FRIEDEL,.

Captain, U. S. Navy, Commanding.

8 a.m. Latitude <u>12-52-00 N</u> Longitude <u>166-30-00 W</u>		Fuel { Received <u>- - - - -</u> Expended <u>29,903</u> g On hand <u>601,497</u> ff		DRILLS AND EXERCISES	
Noon Latitude <u>13-29-00 N Obs.</u> Longitude <u>165-56-00 W Obs</u>		Water { Distilled <u>19,850</u> " Received <u>- - - - -</u> Expended <u>31,638</u> " On hand <u>226,300</u> "		<div> <div>Morning</div> <div>Afternoon</div> </div>	
8 p.m. Latitude <u>14-45-00 N</u> Longitude <u>164-55-00 W</u>				Division 1 2 3 4 5 6 7 8 9	
Current { Set <u>253°</u> Drift <u>1.5 knots</u>		BEFORE LEAVING PORT Draft for'd Draft aft.			
GYROCOMPASS IN USE Error <u>0.2° E</u>		AFTER ENTERING PORT Draft for'd Draft aft.			
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>		MAGAZINE TEMPERATURES: Maximum <u>90°</u> Minimum <u>83°</u> <u>NORMAL</u>			

P.M.																				
13	Set clocks ahead one hour to plus 10 ¹ / ₂ zone time.																			
14	116.5	13	6	12	7	045	E	20	29.75		80	77	82	c	cu nb	E	9	25	4	ENE
15	116.5	13	6	13	1	045	E	20	29.74		81	77	82	c	st cu	E	9	25	4	ENE
16	116.0	13	5	13	0	045	E	25	29.74		81	77	82	c	st cu	ENE	9	30	4	ENE
17	116.5	13	6	13	0	045	ENE	18	29.74		81	77	82	c	st cu	ENE	9	35	4	E
18	116.5	13	6	13	3	045	ENE	21	29.76		81	77	81	c	st cu	ENE	9	35	4	E
19	116.5	13	6	12	8	045	ENE	18	29.76		81	77	82	c	st cu	ENE	9	30	4	E
20	115.9	15	5	12	8	045	ENE	17	29.79		80	77	82	c	cu	ENE	8	20	4	E
21	117.5	13	7	13	2	047	ENE	21	29.79		80	77	81	bc	cu	NE	4	20	4	E
22	117.5	13	7	13	1	047	ENE	20	29.80		80	76	81	bc	cu	NE	2	20	4	E
23	116.5	13	6	13	1	015	ENE	20	29.81		80	76	81	bc	cu	NE	5	20	4	E
24	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

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

UNITED STATES SHIP

C O L O R A D O

Wednesday 14
(Day.) (Date.)July 1937
(Month.)ZONE DESCRIPTION Plus 11 $\frac{1}{2}$

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 $\frac{1}{2}$ 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. - 116.3.

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. C. Weldon
A. C. WELDON,

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.

L. O. Fox
L. 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.

J. O. Lambrecht
J. O. LAMBRECHT,

Lieutenant, 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) 4-5483 U. S. GOVERNMENT PRINTING OFFICE

UNITED STATES SHIP C O L O 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. Loken
V. M. LOKEN,
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.

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

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

LOG OF THE UNITED STATES SHIP														COLORADO		BB45																											
														(Name)		(Identification Number)																											
AT		Howland Island Area				to Pearl Harbor				Friday 16		July 1937																															
PASSAGE										(Day)		(Date) (Month)																															
ZONE DESCRIPTION														Plus 10 $\frac{1}{2}$		W. L. FRIEDEL, Captain,		U. S. Navy, Commanding.																									
Hour	"ALL SHAFT" AVERAGE REVOLUTIONS	BY REVS.		BY LOG		COURSE (P. C.)	WIND		BAROMETER		TEMPERATURE			WEATHER BY SYMBOLS	CLOUDS			SEA																									
		NAUTICAL MILES	TENTHS	NAUTICAL MILES	TENTHS		Gyro	DIRECTION	FORCE	HEIGHT IN INCHES	READING AT THER.	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	117.5	13	7	13	3	047	E	21	29.92	77	75	80	bc	cu	E	4	20	3	E																								
2	118.5	13	9	13	4	047	E	21	29.91	77	75	80	bc	cu	E	3	20	3	E																								
3	118.5	13	9	13	3	047	E	24	29.90	77	75	80	bc	cu	E	2	20	3	E																								
4	117.5	13	7	13	9	047	E	17	29.90	77	75	80	bc	cu	E	2	20	3	E																								
5	118.5	13	9	13	7	047	E	20	29.88	77	74	80	bc	cu	E	4	20	3	E																								
6	117.5	13	7	13	9	047	E	19	29.90	76	73	80	bc	a cu	E	5	21	2	E																								
7	118.5	13	9	13	9	047	E	18	29.92	83	79	80	bc	a cu	E	4	25	2	NE																								
8	117.5	13	8	12	8	045	ENE	13	29.93	78	75	80	bc	cu	ENE	3	35	2	NE																								
9	117.5	13	8	13	7	045	ENE	15	29.93	78	75	80	bc	cu	ENE	4	40	2	NE																								
10	118.5	13	9	13	4	045	E	16	29.93	78	75	80	bc	cu	E	4	40	2	NE																								
11	116.5	13	8	13	4	045	E	17	29.93	78	75	80	bc	cu	E	3	40	2	NE																								
12	117.5	13	7	13	0	045	ENE	23	29.92	78	74	80	bc	cu	ENE	3	45	2	NE																								
														DRILLS AND EXERCISES																													
Lat. 20-20-30 N Long. 158-53-00 W Lat. 20-59-00 N Long. 158-19-00 W Lat. 21-34-00 N Long. 157-08-00 W Current { Set 260° Drift 1.2 knots Gyrocompass in Use Error 0.0° Standard Mag. Compass Compass No. 88 S. H. 034° Error 12° E Variation 11° E Deviation 1° E														Fuel { Received --- Expended 29,823 g On hand 543,069 " Water { Distilled 19,200 " Received --- Expended 37,026 " On hand 199,586 " BEFORE LEAVING PORT Draft for'd 33' 0" Draft aft. 33' 10" AFTER ENTERING PORT Draft for'd Draft aft. MAGAZINE TEMPERATURES: Maximum 90° Minimum 82° NORMAL						Morning Division 1 2 3 4 5 6 7 8 9 Afternoon																							
P. M.																																											
13				13	7	045	ENE	21	29.92	78	74		bc	cu	ENE	3	45	2	ENE																								
14				13	7	002	ENE	21	29.90	80	74		bc	cu	ENE	4	45																										
15						090	ENE	21	29.90	80	74		bc	cu	ENE	5	45																										
16						090	ENE	21	29.90	80	74		bc	cu	ENE	5	45																										
17	85.5	10	1	9	1	095	ENE	21	29.90	80	74	80	bc	cu	ENE	5	45	2	ENE																								
18	134.5	15	7	15	9	056	ENE	23	29.91	77	74	80	bc	cu	ENE	5	45	5	ENE																								
19	135.5	15	8	16	0	056	ENE	27	29.92	77	74	79	bc	cu	ENE	5	30	5	ENE																								
20	133.5	15	5	15	5	056	ENE	26	29.92	76	72	79	q	cu nb	ENE	6	11	3	ENE																								
21	134.5	15	7	14	6	056	ENE	25	29.92	76	73	79	bc	cu	E	3	15	3	ENE																								
22	133.5	15	5	15	2	056	ESE	27	29.94	76	73	79	bc	cu	E	4	15	3	E																								
23	134.5	15	7	15	6	056	ESE	27	29.96	76	73	79	bc	cu	E	1	20	3	E																								
24	134.5	15	7	15	5	056	ESE	28	29.97	76	73	78	bc	cu	E	1	20	3	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																																											

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

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

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. B. Needon
A. B. NEEDON,
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.

H. M. Baird
H. M. BAIRD,
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, PhMlc., 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.

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.																														
HOUR	"ALL SHIP" AVERAGE REVOLUTIONS	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			VISIBILITY	SEA																									
		NAUTICAL MILES	TENTHS	NAUTICAL MILES	TENTHS		DIRECTION	FORCE	HEIGHT IN INCHES	READING AT THER.	AIR DRY BULB	AIR WET BULB	WATER AT SURFACE		FORM	MOVING FROM—	AMOUNT		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	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	134.6	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	bc	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																								
														DRILLS AND EXERCISES																														
a.m. Latitude 23-21-00 N							Fuel { Received - - - - - Expended 33,289 g On hand 509,780 "							Morning							Afternoon																							
s.a. Longitude 154-24-00 W														Division																														
Noon Latitude 23-57-00 N							Water { Distilled 32,750 " Received 2,150 " Expended 29,686 " On hand 204,790 "							1																														
Longitude 153-30-00 W														2																														
p.m. Latitude 25-04-00 N														3																														
s.p. Longitude 151-42-00 W														4																														
														5																														
														6																														
														7																														
														8																														
														9																														
Current { Set 256° Drift .85 knots							BEFORE LEAVING PORT Draft for'd Draft aft.																																					
GYROCOMPASS IN USE Error 0.2° W							AFTER ENTERING PORT Draft for'd Draft aft.																																					
STANDARD MAG. COMPASS Compass No. 88 S. H. 046° Error 12° E Variation 12° 15' E Deviation 0° 15' W							MAGAZINE TEMPERATURES: Maximum 90° Minimum 80° NORMAL																																					
P. M.																																												
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	058	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																																												
<table><tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td></tr><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></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																																												

ADDITIONAL SHEET.

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

Date 16 July, 1937

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 0005.5° (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,
Captain, U.S. Navy,
Commanding.

Examined:

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

[Faint, illegible text and markings, likely bleed-through from the reverse side of the page.]

Approved:

Examined:

U. S. N., Navigator.

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. Weldon
A. B. WELDON,
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. M. Cadron
J. M. CADRON,
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.

C O L O R A D O

BB45

(Identification Number)

AT Pearl Harbor, T.H., TO San Francisco Sunday 18 July, 19 37
 PASSAGE (Day) (Date) (Month)

ZONE DESCRIPTION Plus 10 W. L. FRIEDEL, Captain, U. S. Navy, Commanding.

Hour	"ALL SHAFT" AVERAGE REVOLU- TIONS	BY REVS.		BY LOG		COURSE (P. C.)	WIND		BAROMETER		TEMPERATURE			WEATHER, BY SYMBOLS	CLOUDS			VISIBILITY	SEA	
		NAUTICAL MILES	TENTHS	NAUTICAL MILES	TENTHS		Gyro Mag. (Indicate which)	DIRECTION	FORCE	HEIGHT IN INCHES	READING AT. THER.	AIR, DRY BULB	AIR, WET BULB		WATER AT SURFACE	FORM	MOVING FROM—		AMOUNT	CONDITION
						1														
A. M.																				
1	134.5	15	6	15	4	059	EXN	14	30.02		71	69	75	bc	cu	NE	2	30	2	NE
2	134.5	15	6	15	7	059	ENE	18	30.02		70	69	76	bc	cu	NE	3	30	2	NE
3	134.5	15	6	15	7	059	ENE	18	30.03		70	69	76	bc	at cu	NE	3	30	2	NE
4	134.2	15	6	15	6	059	ENE	19	30.03		70	69	76	bc	at st	NE	4	30	2	NE
5	135.5	15	8	16	2	059	ENE	20	30.01		72	68	76	bc	cu	ENE	4	30	2	ENE
6	134.5	15	7	15	7	059	ENE	20	30.01		72	67	76	bc	cu	ENE	5	30	2	ENE
7	133.5	15	6	15	7	059	ENE	20	30.02		72	68	76	bc	cu	ENE	7	30	2	ENE
8	133.7	15	6	16	6	059	ENE	20	30.04		70	68	76	bc	cu nb	ENE	6	35	2	ENE
9	134.5	15	7	14	5	059	E	16	30.06		70	67	78	c	a cu	ENE	8	35	3	ENE
10	134.5	15	7	15	7	059	E	16	30.07		70	69	76	c	a cu	ENE	9	31	3	ENE
11	135.5	15	8	15	4	059	ENE	19	30.06		70	69	76	c	a cu	ENE	9	31	3	ENE
12	134.5	15	7	15	6	059	ENE	19	30.08		70	69	76	c	a cu	ENE	7	31	3	ENE

				DRILLS AND EXERCISES	
8 a.m. { Latitude. 26-42-00 N Longitude. 148-49-00 W		Fuel { Received - - - - - Expended 43,215 g On hand 466,565 "		Morning	Afternoon
Noon { Latitude. 27-18-00 N Longitude. 147-50-30 W		Water { Distilled 36,100 " Received - - - - - Expended 26,488 " On hand 214,402 "		Division	
8 p.m. { Latitude. 28-17-00 N Longitude. 145-50-00 W				1	
Current { Set. 323° Drift .5 knots		BEFORE LEAVING PORT		2	
		Draft for'd		3	
		Draft aft.		4	
GYROCOMPASS IN USE				5	
Error 0.00		AFTER ENTERING PORT		6	
		Draft for'd		7	
		Draft aft.		8	
STANDARD MAG. COMPASS		MAGAZINE TEMPERATURES:		9	
Compass No. 88		Maximum 89°			
S. H. 046°		Minimum 79°			
Error 13° E					
Variation 14° E					
Deviation 1° W		NORMAL			

P.M.																					
13	135.5	15	8	16	1	059	ENE	13	30.05		71	69	74	bc	a	cu	ENE	6	40	2	ENE
14	134.5	15	7	16	1	059	ENE	13	30.05		71	69	74	bc	st	cu	ENE	9	35	2	ENE
15	135.5	15	8	15	8	059	ENE	13	30.05		72	70	75	c	st	cu	ENE	9	35	2	ENE
16	135.5	15	8	15	9	059	ENE	14	30.04		72	70	75	c	st	cu	ENE	9	35	2	ENE
17	134.5	15	7	15	5	059	ENE	19	30.03		72	72	75	c	a	cu	ENE	8	40	2	ENE
18	134.5	15	7	15	8	059	ENE	15	30.05		71	71	75	c	a	cu	ENE	9	40	2	ENE
19	134.5	15	7	16	3	059	ENE	15	30.06		70	70	75	c	st	cu	NE	9	35	2	ENE
20	134.5	15	7	15	8	059	ENE	14	30.06		70	70	75	c	st	cu	NE	9	35	2	ENE
21	135.5	15	8	15	9	059	ENE	14	30.06		70	70	74	c	st	cu	NE	9	35	2	ENE
22	139.5	15	8	15	6	060	ENE	14	30.06		70	70	73	c	st	cu	NE	9	35	2	ENE
23	136.5	15	9	16	3	060	ENE	14	30.06		70	70	73	c	st	cu	NE	9	35	2	ENE
24	135.2	15	6	15	8	060	ENE	14	30.08		70	70	72	c	st	cu	NE	9	35	2	ENE

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

UNITED STATES SHIP C O L O R A D O Sunday 18 July, 1937
(Day.) (Date.) (Month.)ZONE DESCRIPTION Plus 10

REMARKS.

0 to 4

Steaming singly on course 059° (True) and at full speed, 15.6 knots (134 rpm), under boilers 4, 5, 6, 7, and 8, enroute Honolulu, T.H., to San Francisco, Cal. Both engineering spaces in use on 2-24 pole combination. Standard speed 12 knots (103 rpm). 0307 Sighted ship on port bow bearing 045° (True). 0337 Passed ship abeam to port on opposite course, bearing 329° (True), distance 3 miles. 0340 Changed course to 040° (True) to bring the wind broad on the bow and blew tubes. 0343 Changed course to 059° (True). Average steam - 265. Average R.P.M. - 134.4.

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

4 to 8

Steaming as before on course 059° (True) & (pgc) at full speed, 15.6 knots (134 rpm), standard speed 12 knots (103 rpm). 0651 Sighted steamer on port bow, on opposite course, bearing 023° (True), distant about 15 miles. 0658 Shifted to steering motor #2. 0716 Passed steamer abeam to port, distant about 5 miles. 0740 Changed course to 025° (True) while blowing tubes. 0743 Resumed course 059° (True). Average steam - 265. Average R.P.M. - 134.6.

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

8 to 12

Steaming as before, course 059° (True) & (pgc), speed 15.6 knots (134 rpm). 1000 Held quarters for muster. No absentees. Average steam - 268.75. Average R.P.M. - 134.75.

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

12 to 16

Steaming as before on course 059° (True) & (pgc), speed 16 knots (134 rpm). Average steam - 267.5. Average R.P.M. - 135.25.

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

16 to 18

Steaming as before on course 059° (True & pgc) at 16 knots (134 rpm); standard speed is 12 knots (103 rpm). 1754 Passed log abeam to starboard, distant 30 yards; log 20 feet long, 18 inches in diameter, dangerous to navigation. Average steam - 270. Average R.P.M. - 134.5.

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

18 to 20

Steaming as before on course 059° (True) & (pgc) at 16 knots (134 rpm); standard speed is 12 knots (103 rpm). 1915 Changed course to 100° (True) to blow tubes. 1919 Resumed course 059° (True). Average steam - 270. Average R.P.M. - 134.5.

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

20 to 24

Steaming as before on course 059° (True), speed 16 knots (134 rpm). 2125 Changed course to 060° (True). 2334 Changed course to 100° (True) to blow tubes. 2338 Changed course to 060° (True). Average steam - 265. Average R.P.M. - 136.8.

A. R. Eldon
A. R. ELDON,
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.

LOG OF THE UNITED STATES SHIP

COLORADO

BB45

At Pearl Harbor, T.H., To San Francisco Monday, 19 July 1937

Passage (Day) (Date) (Month)

Zone Description Plus 10 W. L. FRIEDEL, Captain, U. S. Navy, Commanding.

Hour	"All Shaft" 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	
		Nautical Miles	Tenths	Nautical Miles	Tenths		Direction	Force	Height in Inches	Reading at Ther.	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	136.5	15	9	16	2	060	NE	16	30.08		69	67	73	c	st cu	ENE	9	20	2 ENE
2	136.5	15	9	16	2	060	NE	16	30.08		70	70	74	c	st cu	ENE	9	20	2 ENE
3	135.5	15	9	15	9	060	ENE	16	30.06		68	68	73	o	st cu	ENE	10	20	2 ENE
4	135.2	15	7	15	5	060	ENE	16	30.06		69	69	73	o	st cu	ENE	10	20	1 ENE
5	135.5	15	8	16	0	060	ENE	14	30.06		74	69	73	c	st cu	ENE	9	30	1 ENE
6	135.5	15	8	16	9	060	ENE	10	30.04		73	69	73	c	st cu	ENE	9	35	1 ENE
7	135.5	15	8	16	3	060	ENE	5	30.05		74	69	71	c	st cu	ENE	9	30	1 ENE
8	134.4	15	8	16	2	063	ENE	12	30.10		68	63	70	c	st cu	ENE	9	35	1 ENE
9	136.5	15	9	15	8	063	ENE	14	30.10		68	64	71	c	a cu	ENE	9	35	1 ENE
10	131.5	15	4	15	7	063	ENE	11	30.10		68	64	71	c	a cu	ENE	9	35	1 ENE
11	130.5	15	3	15	5	063	ENE	10	30.11		68	64	71	bc	ci cu	ENE	9	45	1 ENE
12	131.6	15	4	15	2	063	ENE	14	30.11		67	64	71	bc	ci cu	ENE	4	50	1 ENE
<div><div><div>Latitude 29-56-00 N</div><div>Longitude 142-45-00 W</div></div><div><div>Latitude 30-31-00 N</div><div>Longitude 141-39-00 W</div></div><div><div>Latitude 31-22-00 N</div><div>Longitude 139-49-00 W</div></div></div> <div><div><div>Current { Set</div><div>Drift</div></div><div><div>GYROCOMPASS IN USE</div><div>Error 0.0°</div></div><div><div>STANDARD MAG. COMPASS</div><div>Compass No. 88</div><div>S. H. 047°</div><div>Error 15° E</div><div>Variation 16° E</div><div>Deviation 1° W</div></div></div> <div><div><div>Fuel { Received - - - - -</div><div>Expended 43,036 g</div><div>On hand 423,529 "</div></div><div><div>Water { Distilled 35,350 "</div><div>Received 820 "</div><div>Expended 28,748 "</div><div>On hand 221,824 "</div></div><div><div>BEFORE LEAVING PORT</div><div>Draft for'd</div><div>Draft aft.</div></div><div><div>AFTER ENTERING PORT</div><div>Draft for'd</div><div>Draft aft.</div></div><div><div>MAGAZINE TEMPERATURES:</div><div>Maximum 88°</div><div>Minimum 71°</div></div><div><div>NORMAL</div></div></div> <div><div>DRILLS AND EXERCISES</div><div><div>Morning</div><div>Afternoon</div></div><div><div>Division</div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div></div></div>																			

UNITED STATES SHIP C O L O R A D O Monday 19 July, 1937
(Day.) (Date.) (Month.)ZONE DESCRIPTION Plus 10

REMARKS.

0 to 4

Steaming enroute Pearl Harbor, T.H., to San Francisco, California, on course 060° (True), standard speed 12 knots (103 rpm), steaming at 16 knots (134 rpm). Boilers #4, #5, #6, #7, and #8 on main steam line, 2-24 pole combination, both machinery spaces. 0331 Changed course to 005° (True) to blow tubes. Average steam - 266.25. Average R.P.M. - 136.

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

4 to 8

Steaming as before on course 060° (True), standard speed 12 knots (103 rpm), steaming at 16 knots (134 rpm). 0722 Changed course to 000° (True). 0725 Changed course to 060° (True). 0732 Sighted a steamer bearing 032.3° (True), distance approximately 10 miles. Average steam - 263.75. Average R.P.M. - 135.5.

V. M. Gibson
V. M. GIBSON,
Ensign, U.S. Navy.

8 to 12

Steaming as before at 16 knots (134 rpm). 0800 Changed course to 063° (True). 0900 Held quarters for muster. No absentees. Made daily inspection of powder and magazines. Conditions normal. 0930 All batteries held loading drill. 1129 Changed course to 100° (True) to blow tubes. 1131 Resumed base course of 063° (True). Average steam - 265. Average R.P.M. - 132.

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

12 to 16

Steaming as before on course 063° (True) and at full speed, 16 knots (134 rpm), standard speed 12 knots (103 rpm). 1300 Set clocks ahead one hour to 1400, zone plus nine, and held quarters for issuing clean hammocks. Exercised R.O.T.C. Cadets at gun and fire control drills. 1450 Fired "No Load" shot on quarterdeck catapult. 1540 Changed course to 095° (True) to bring the wind broad on the bow and blew tubes. 1545 Changed course back to 063° (True). Average steam - 263.3. Average R.P.M. - 134.5.

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

16 to 18

Steaming as before on course 063° (True) and at full speed of 16 knots (134 rpm), standard speed 12 knots (103 rpm). 1646 Lighted off #1 boiler. 1752 Cut in #1 boiler on main steam line. 1758 Secured #4 boiler. Average steam - 270. Average R.P.M. - 137.

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

18 to 20

Steaming as before, course 063° (True) & (pgc), speed 15.6 knots (134 rpm). 1845 Sighted Matson liner bearing 003.5° (True), distant about 15 miles, on opposite course. 1926 Observed sunset. Average steam - 270. Average R.P.M. - 136.5.

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

20 to 24

Steaming as before on course 063° (True) & (pgc) at 16 knots (134 rpm). 2016 Changed course to 064° (True) & (pgc). 2304 Changed course to 100° (True) to blow tubes on all steaming boilers. 2308 Resumed course 064° (True). Average steam - 268.75. Average R.P.M. - 136.1.

W. B. Short Jr.
W. B. SHORT, Jr.,
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.

C O L O R A D O

BB45

(Identification Number)

AT Pearl Harbor, T.H., TO San Francisco, C. Tuesday, 20 July, 1937
(Day) (Date) (Month)
 PASSAGE

ZONE DESCRIPTION Plus 9

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

A. M.

DRILLS AND EXERCISES

	<i>Morning</i>	<i>Afternoon</i>
Division		
1	GENERAL QUARTERS	
2	FIRE DRILL	
3		
4		
5		
6		
7		
8		
9		

P.M.																					
13	136.5	15	9	16	4	064	NE	12	30.11		66	63	67	bc	a	cu	NE	6	45	1	NE
14	121.5	14	1	14	1	015	NE	14	30.10		66	62	67	bc	ci	cu	NE	4	45	1	NE
15	118.5	14	0	12	8	064	NE	14	30.10		66	62	68	bc	cu		NE	2	50	1	NE
16	136.5	15	9	16	5	064	NE	17	30.09		65	62	67	bc	cu		NE	9	50	1	NE
17	137.5	16	0	16	6	064	NE	17	30.09		65	63	67	c	cu		NE	8	50	1	NE
18	144.5	16	7	15	9	064	NE	17	30.09		65	63	67	c	st	cu	NE	9	40	1	NE
19	145.5	17	0	16	6	064	NE	22	30.07		65	63	67	o	st	cu	NE	9	35	1	NE
20	146.0	16	9	17	5	064	NNE	22	30.06		64	62	67	c	st	cu	NE	9	20	2	NE
21	146.5	15	9	16	0	064	NNE	21	30.06		64	63	67	o	st	cu	NE	10	15	2	NE
22	145.5	16	8	17	1	064	NNE	22	30.06		64	63	67	o	st	cu	NE	10	15	2	NE
23	146.5	16	9	17	3	064	NNE	19	30.06		64	63	66	o	st	cu	NE	10	15	2	NE
24	146.5	16	9	16	1	064	NNE	20	30.06		64	63	66	o	st	cu	NE	10	10	2	NE

SUBMERGED RUN DATA—SUBMARINES

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