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Authority *NND 803052*  
By *At* NARA Date *2/12/05*



# LOG BOOK

OF THE

U. S. S. \_\_\_\_\_ R A Z O R B A C K \_\_\_\_\_

SS394  
IDENTIFICATION NUMBER

COMMANDED BY

\_\_\_\_\_ C. DONALD BROWN, Lieutenant Commander \_\_\_\_\_, U. S. N.

Attached to { \_\_\_\_\_ TWO HUNDRED FORTY-TWO \_\_\_\_\_ Division,  
\_\_\_\_\_ TWENTY-FOUR \_\_\_\_\_ Squadron,  
\_\_\_\_\_ SUBMARINE \_\_\_\_\_ Flotilla,  
\_\_\_\_\_ PACIFIC \_\_\_\_\_ Fleet,

Commencing \_\_\_\_\_ *Feb.*  
1 January \_\_\_\_\_, 19<sup>45</sup> ,

at \_\_\_\_\_ Enroute Patrol Area to GUAM \_\_\_\_\_,

and ending \_\_\_\_\_ 28 February \_\_\_\_\_, 19<sup>45</sup> ,

at \_\_\_\_\_ In Patrol Area, \_\_\_\_\_





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NAVPERS-134 (REV. 1-44)

LOG—REMARKS SHEET

UNITED STATES SHIP RAZORBACKThursday 1 February 1945  
(Day) (Date) (Month)

- 0 to 4 Moored starboard side to port side USS SPERRY in submarine nest, APRA HARBOR, GUAM.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 4 to 8 Moored as before. 0745 Mustered crew at quarters - no absentees.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 8 to 12 Moored as before.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 12 to 16 Moored as before.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 16 to 18 Moored as before. 1615 Stationed the maneuvering watch. 1632 Underway steering various courses at various speeds to conform with the channel. 1703 Entrance buoy abeam to starboard, distant 100 yards. 1705 Secured the maneuvering watch, took station astern of USS SEGUNDO, base course 000°T, speed 15 knots. 1740 Set clocks back one hour to -9 zone time. 1700 Took departure with OROTE ISLAND bearing 140°T, distant 5 miles, enroute patrol area in accordance with Comtaskforce 17 operation order #35-45.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 18 to 21 Underway as before. 2025 Sighted white glare below horizon at 070°T. 2030 Glare disappeared.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 21 to 24 Underway as before. 2106 Changed speed to standard on two main engines. 2120 Changed course to 310°T. Commenced zigzagging. 2135 Escort, USS DEMPSEY, parted company with submarine group. 2220 Changed base course to 280°T. 2230 Lost sight of USS SEGUNDO. 2320 Changed base course to 310°T.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*  
C. DONALD BROWN, Lt-Comdr. U. S. N

COMMANDING.

*R. L. Smith*  
R. L. SMITH, Lieutenant U. S. N

NAVIGATOR

TO BE FORWARDED DIRECT TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

U. S. GOVERNMENT PRINTING OFFICE: 1944 O-582899

UNITED STATES SHIP

RAZORBACK

Friday 2 February, 1945  
(Day) (Date) (Month)

0 to 3 Underway in accordance with CTF-17 operation order 35-45, on course 310°T, making standard speed on two main engines. 0105 SJ radar contact bearing 312°T, distant 5 miles; maneuvered to avoid. 0120 Resumed steering course 310°T, zigzagging at standard speed on two main engines.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

3 to 6 Underway as before.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

6 to 9 Underway as before. 0600 Submerged. 0625 Surfaced; resumed base course 310°T, standard speed on two main engines. 0642 Exchanged signals by light with USS SEA CAT (SS399).

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

9 to 12 Underway as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

12 to 15 Underway as before. 1434 Sighted possible periscope; maneuvered to avoid. 1437 Resumed steering course 308°T, speed standard on three main engines.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

15 to 18 Underway as before. 1505 Exchanged calls with USS TRIGGER (SS237).

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN.

18 to 21 Underway as before. 1940 Received message from USS SEGUNDO (SS398) to close and communicate by visual. 1949 Changed course to 300 T. 2000 Changed to standard speed on four main engines.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

21 to 24 Underway as before. 2100 Established radar contact with USS SEGUNDO, bearing 303 T, distant 5 miles. Changed course to 310°T, speed to standard on two main engines.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*

C. DONALD BROWN, Lt-Comdr. U. S. N.

COMMANDING.

*R. A. Smith*

R. A. SMITH, Lieutenant

U. S. N. R. NAVIGATOR



UNITED STATES SHIP RAZORBACKSaturday 3 February, 1945  
(Day) (Date) (Month)

0 to 3 Underway in accordance with CTF-17 operation order #35-45 on course 323° T, zig-zagging, making standard speed on two main engines.

*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR

3 to 6 Underway as before. 0540 Submerged, steering course 323° T.

*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN

6 to 9 Submerged as before. 0610 Surfaced - resumed base course 323° T, standard speed on two main engines.

*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR

9 to 12 Underway as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 0950 Sighted submarine bearing 030° T, distant 10 miles. 1138 Dived. 1151 Surfaced. Commenced steering by Arma Clock at standard speed on two main engines.

*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

12 to 15 Underway as before. 1300 Sighted and exchanged recognition signals with unidentified friendly submarine.

*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR

15 to 18 Underway as before.

*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN

18 to 21 Underway as before. 1856 Changed base course to 318° T. 1903 Changed speed to standard on three. 2000 Exchanged recognition signals and messages with USS SEGUNDO (SS398), bearing 348° T. 2030 Steadied on course 318° T.

*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR

21 to 24 Underway as before. 2310 Commenced zigzagging.

*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*  
C. DONALD BROWN, Lt-Comdr. U. S. N. COMMANDING.

*R. E. Smith*  
R. E. SMITH, Lieutenant U. S. N. R. NAVIGATOR

UNITED STATES SHIP

RAZORBACK

Sunday 4 February, 1945  
(Day) (Date) (Month)

0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, on course 318°T, standard speed on three main engines.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

3 to 6 Underway as before. Tested magazine flood system - operation satisfactory. 0402 Steering course 318°T, by Arma Course Clock.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

6 to 9 Underway as before. 0600 Submerged. 0633 Surfaced, steering base course 330°T, standard speed on two main engines.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

9 to 12 Underway as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

12 to 15 Underway as before.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

15 to 18 Underway as before.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

18 to 21 Underway as before. 2012 Changed base course to 327°T.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

21 to 24 Underway as before.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*

C. DONALD BROWN, Lt-Comdr.

U. S. N

COMMANDING.

*R. L. Smith*

R. L. SMITH, Lieutenant

U. S. N.

NAVIGATOR



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LOG—REMARKS SHEET

UNITED STATES SHIP RAZORBACK Monday 5 February, 19 45  
(Day) (Date) (Month)

- 0 to 3 Underway in accordance with Comtask force 17 operation order #35-45, on course 327°T, making standard speed on two main engines.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 3 to 6 Underway as before. 0532 Submerged - SD contact 3 miles. Changed course to 030°T. 0537 Changed course to 327°T.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 6 to 9 Submerged as before. 0600 Surfaced, steering base course 327°T, standard speed on two main engines. 0800 Submerged - changed course to 322°T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN
- 12 to 15 Submerged as before.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 15 to 18 Submerged as before.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 18 to 21 Submerged as before. 1815 Surfaced, steering course 322°T, standard speed on two main engines.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 21 to 24 Underway as before.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*

C. DONALD BROWN, Lt-Comdr. U. S. N. COMMANDING.

*R. L. Smith*

R. L. SMITH, Lieutenant U. S. N. NAVIGATOR

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By *At* NARA Date *2/12/05*PAGE 74

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LOG—REMARKS SHEET

UNITED STATES SHIP

HAZORBACK

Tuesday 6 February, 1945  
(Day) (Date) (Month)

- 0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, on course 322°T, making standard speed on two main engines. 0230 Changed base course to 295°T.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 3 to 6 Underway as before. 0425 Steering 295°T, by Arma Clock.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 6 to 9 Underway as before. 0615 Submerged. 0735 Changed course to 000°T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN
- 12 to 15 Submerged as before.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 15 to 18 Submerged as before. 1511 Changed course to 325°T. 1603 Changed course to 270°T.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 18 to 21 Submerged as before. 1831 Surfaced, steering base course 270°T, standard speed on two main engines. 1949 Changed course to 350°T, increased speed to standard on three to put contact bearing 168°T, range 12,000 yards astern. 2050 Changed course to 300°T. 2005 Changed course to 280°T. Exchanged recognition signals with USS SEA CAT (SS399). Slowed to standard speed on two engines.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 21 to 24 Underway as before. 2206 Changed base course to 305°T. 2240 Sighted faint temporary white light bearing 000 T. 2334 Changed base course to 295°T.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*  
C. DONALD BROWN, LtComdr. U. S. N. COMMANDING.*R. L. Smith*  
R. L. SMITH, Lieutenant U. S. N. R. NAVIGATOR

TO BE FORWARDED DIRECT TO THE BUREAU OF NAVAL PERSONNEL AT THE END OF EACH MONTH

U. S. GOVERNMENT PRINTING OFFICE: 1944 O-582999



UNITED STATES SHIP RAZORBACK Wednesday 7 February, 19 45  
(Day) (Date) (Month)

- 0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, on course 285°T, steering by Arma clock, making standard speed on three main engines. 0005 Changed base course to 270°T. 0100 Changed base course to 310 T, slowed to standard speed on two main engines. 0200 Changed base course to 255°T.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 3 to 6 Underway as before. 0300 Changed course to 245°T, steering by Arma clock. 0330 Changed course to 235 T, steering by Arma Clock. 0420 Changed course to 190°T, by Arma Clock. 0448 APR contact. 0500 Changed course to 075°T, steering by Arma clock. 0504 Changed course to 135°T, steering by Arma Clock. 0543 SD contact 16 miles. 0600 Submerged on course 180°T.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 6 to 9 Underway as before. 0600 Submerged, steering 180°T. 0800 Changed course to 270 T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 1100 Sighted Gaja Shima, bearing 155°T, distant 15 miles. 1141 Sighted Kogaja Shima, bearing 142°T, distant 18 miles.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN
- 12 to 15 Submerged as before.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 15 to 18 Submerged as before. 1517 Changed course to 225°T.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 18 to 21 Submerged as before. 1855 Surfaced, steering 270°T, standard speed on one main engine. 1908 Reversed course to 090°T. 2030 Changed course to 040°T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 21 to 24 Underway as before. 2200 Changed course to 100°T. 2335 Changed course to 210°T.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*  
C. DONALD BROWN, Lt-Comdr. U. S. N. COMMANDING.

*R. V. Smith*  
R. V. SMITH, Lieutenant U. S. N. NAVIGATOR

UNITED STATES SHIP

RAZORBACK

Thursday 8 February, 1945  
(Day) (Date) (Month)

- 0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, on course 210°T, making standard speed on one main engine. 0035 Changed course to 270°T. 0200 Changed course to 210°T. 0150 Changed course to 270°T. 0230 Changed course to 210°T.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 3 to 6 Underway as before. 0300 Changed course to 275°T, making standard speed on one main engine. 0400 Changed course to 220°T. 0449 Changed course to 280°T. 0540 Changed course to 200°T. 0600 Submerged.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 6 to 9 Submerged as before. 0603 Changed base course to 040°T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 0930 Changed course to 180°T. 1030 Sighted NAKANO SHIMA, bearing 109°T, distant 40 miles.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN
- 12 to 15 Submerged as before. 1300 Heard two distant explosions. 1405 Heard two more distant explosions. 1453 Changed course to 270°T.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 15 to 18 Submerged as before.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 18 to 21 Submerged as before. 1831 Changed course to 290°T. 1853 Surfaced, steering course 330°T, standard speed on one main engine. 2003 Changed base course to 345°T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 21 to 24 Underway as before. 2100 Changed course to 000°T, zigzagging. 2303 Changed base course to 030°T.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*  
C. DONALD BROWN, Lt-Comdr. U. S. N. COMMANDING.*R. L. Smith*  
R. L. SMITH, Lieutenant U. S. N. R. NAVIGATOR



UNITED STATES SHIP HAZORBACKFriday 9 February, 1945  
(Day) (Date) (Month)

- 0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, zigzagging on course 030°T, making standard speed on one main engine. 0115 Land on SJ radar bearing 053°T, distant 20 miles. 0125 Changed course to 340°T. 0235 Changed course to 000°T.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 3 to 6 Underway as before. 0500 Changed course to 120°T, steering by Arma Clock. 0600 Submerged, changed course to 050°T.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 6 to 9 Submerged as before. Changed course to 140°T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 1143 Changed course to 280°T.  
*A. R. Hersh*  
A. R. HERSH, Jr., Lieutenant, USN
- 12 to 15 Submerged as before.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 15 to 18 Submerged as before. 1500 Changed course to 260°T. 1630 Changed course to 270°T.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 18 to 21 Submerged as before. 1901 Surfaced and changed course to 225°T, steering by Arma Clock, making standard speed on two main engines. 1905 Changed speed to standard on one main engine.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 21 to 24 Underway as before. 2100 Changed base course to 350°T.  
*A. R. Hersh*  
A. R. HERSH, Jr., Lieutenant, USNR

APPROVED:

EXAMINED:

*C. Donald Brown*

C. DONALD BROWN, Lt-Comdr. U. S. N.

COMMANDING.

*R. T. Smith*

R. T. SMITH, Lieutenant U. S. N.R.

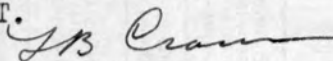
NAVIGATOR

UNITED STATES SHIP

RAZORBACK

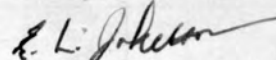
Saturday 10 February, 1945  
(Day) (Date) (Month)

0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, on course 350°T, making standard speed on one main engine. 0000 Changed course to 110°T. 0100 Changed course to 260°T. 0105 Land on SJ radar bearing 089°T, distant 27 miles. 0200 Changed course to 015°T.



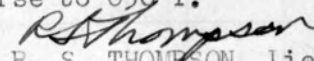
L. B. CRANN, Lieutenant, USNR

3 to 6 Underway as before. 0330 Changed course to 160°T steering by Arma Clock. 0340 Changed course to 165°T, steering by Arma Clock. 0401 APR contact strength 4; keyed SD - contact 2 miles. 0403 Submerged. 0429 Surfaced. 0430 Standard speed on one main engine, steering course 165°T by Arma clock. 0500 Changed course to 015°T, steering by Arma Clock. 0600 Submerged, steering course 015°T.



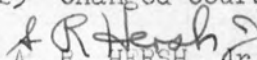
E. L. JOHNSON, Lt(jg) USN

6 to 9 Submerged as before. 0818 Changed course to 050°T.




R. S. THOMPSON, Lieutenant, USNR

9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 0925 Changed course to 180°T.




A. R. HERSH, Jr., Lieutenant, USN

12 to 15 Submerged as before.



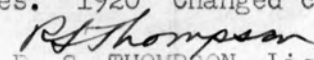
L. B. CRANN, Lieutenant, USNR

15 to 18 Submerged as before. 1535 Changed course to 270°T. 1540 Changed course to 260°T. 1615 Changed course to 250°T. 1701 Changed course to 220°T.



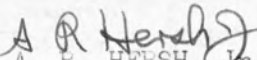
E. L. JOHNSON, Lt(jg) USN

18 to 21 Submerged as before. 1812 Changed course to 260°T. 1853 Surfaced, making standard speed on two main engines. 1920 Changed course to 210°T.



R. S. THOMPSON, Lieutenant, USNR

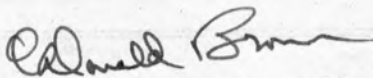
21 to 24 Underway as before. 2127 Changed speed to standard on two main engines. 2208 Changed base course to 340°T, and changed speed to standard on one main engine.



A. R. HERSH, Jr., Lieutenant, USN

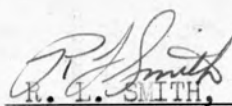
APPROVED:

EXAMINED:



C. DONALD BROWN, Lt-Comdr. U. S. N.

COMMANDING.



R. L. SMITH, Lieutenant U. S. N.

NAVIGATOR



UNITED STATES SHIP

RAZORBACK

Sunday 11 February, 1955  
(Day) (Date) (Month)

- 0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, on course 340°T, making standard speed on one main engine. 0100 Changed course to 023 T. 0200 Changed course to 105°T.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 3 to 6 Underway as before. 0550 Changed course to 190°T. 0600 Submerged.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 6 to 9 Submerged as before. 0605 Changed course to 100°T. 0728 Changed course to 070 T. 0825 Changed course to 090 T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 1046 Changed course to 075°T.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN
- 12 to 15 Submerged as before. 1200 Changed course to 090°T. 1323 Distant explosion heard.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 15 to 18 Submerged as before. 1532 Changed course to 070°T.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 18 to 21 Submerged as before. 1856 Surfaced, steering 070°T, standard speed on two main engines. 1900 Submerged, from contact bearing 124°T, range 4300 yards. 1906 Surfaced. 1920 Commenced steering various courses at various speeds to open from contact bearing 096°T, range 5700 yards. 2043 Set course 000°T, standard speed on three main engines.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 21 to 24 Underway as before. 2116 Changed speed to standard on three main engines. 2131 Changed course to 280°T. 2150 Changed course to 325°T. 2155 Sighted land bearing 300°T, distant three miles. 2157 Changed course to 355°T. 2201 Changed course to 330°T. 2250 Changed course to 280°T. 2208 Changed course to 320°T. 2212 Changed course to 260°T. 2218 Changed course to 230°T. Commenced zigzagging. 2230 Changed base course to 270°T. 2245 Changed base course to 250 T.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*

C. DONALD BROWN, Lt-Comdr.

U. S. N.

COMMANDING.

*R. L. Smith*

R. L. SMITH, Lieutenant

U. S. N.

NAVIGATOR

UNITED STATES SHIP

RAZORBACK

Monday 12 February

(Day)

(Date)

(Month)

19 45

0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, on course 250°T, making standard speed on three main engines. 2350 Changed course to 270°T, 0000 Changed course to 285°T. 0004 Changed to standard speed on four main engines. 0235 Land on SJ radar bearing 337°T, distant 32 miles. 0240 Changed course to 295°T.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

3 to 6 Underway as before.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

6 to 9 Underway as before. 0640 Submerged, steering course 295°T.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

12 to 15 Submerged as before.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

15 to 18 Submerged as before. Tested magazine and pyrotechnic flood operation and found satisfactory.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

18 to 21 Submerged as before. 1851 Surfaced, steering base course 290°T, standard speed on one main engine. 1930 Changed course to 180°T. 2030 Changed course to 090°T.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

21 to 24 Underway as before. 2143 Dived. 2203 Surfaced, commenced zigzagging on course 090°T at standard speed on one main engine. 2237 Changed speed to standard on two main engines. 2350 Changed base course to 110°T.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*

C. DONALD BROWN, Lt-Comdr. U. S. N

COMMANDING:

*R. S. Smith*

R. S. SMITH, Lieutenant U. S. NR

NAVIGATOR



UNITED STATES SHIP

RAZORBACK

Tuesday

13

February

1945

(Day)

(Date)

(Month)

- 0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, on course 090°T, making standard speed on two main engines. 0000 Changed course to 110°T. 0040 Land on SJ radar, bearing 106°T, distant 27 miles. 0045 Changed course to 155°T.  
*L. B. Chann*  
 L. B. CHANN, Lieutenant, USNR
- 3 to 6 Underway as before. 0300 Changed course to 125°T, steering by Arma course clock. 0400 Changed course to 105°T, steering by Arma clock.  
*E. L. Johnson*  
 E. L. JOHNSON, Lt(jg) USN
- 6 to 9 Underway as before. 0600 Changed base course to 090°T. 0615 Submerged, steering course 090°T.  
*R. S. Thompson*  
 R. S. THOMPSON, Lieutenant, USNR
- 9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal.  
*A. R. Hersh Jr.*  
 A. R. HERSH, Jr., Lieutenant, USN
- 12 to 15 Submerged as before. 1200 Changed course to 045°T.  
*L. B. Chann*  
 L. B. CHANN, Lieutenant, USNR
- 15 to 18 Submerged as before. 1500 Changed course to 020°T pgc.  
*E. L. Johnson*  
 E. L. JOHNSON, Lt(jg) USN
- 18 to 21 Submerged as before. 1850 Changed course to 270°T. 1900 Surfaced, standard speed on one main engine. 1922 Changed base course to 225°T. 1954 Changed course to 235°T.  
*R. S. Thompson*  
 R. S. THOMPSON, Lieutenant, USNR
- 21 to 24 Underway as before. 2130 Changed base course to 170°T. 2200 Changed base course to 280°T. 2300 Changed base course to 000°T.  
*A. R. Hersh Jr.*  
 A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*  
 C. DONALD BROWN, Lt-Comdr. U. S. N. COMMANDING.

*R. L. Smith*  
 R. L. SMITH, Lieutenant U. S. N. NAVIGATOR

UNITED STATES SHIP

RAZORBACK

Wednesday 14 February 1945

(Day) (Date) (Month)

0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45 on course 000 T, making standard speed on one main engine. 0000 Changed course to 040°T. 0020 Target on SJ radar bearing 323°T, distant 9,450 yards. 0025 Exchanged major challenge, reply, and calls with USS SEGUNDO (SS398). 0030 Changed course to 070°T. 0115 Land on SJ radar bearing 090°T, distant 35 miles. 0130 Changed course to 045°T. 0215 Changed course to 090°T. 0230 Changed course to 000 T.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

3 to 6 Underway as before. 0300 Changed course to 090°T, steering by Arma clock. 0330 Changed course to 045°T, steering by Arma Clock. 0355 Changed course to 340°T, steering by Arma Clock. 0500 Changed course to 090°T, steering by Arma clock. 0600 Submerged.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

6 to 9 Submerged as before. 0604 Changed course to 120°T.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 0930 Changed course to 095°T. 1100 Changed course to 255°T.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

12 to 15 Submerged as before.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

15 to 18 Submerged as before. 1545 Sighted aircraft distant 6 miles. 1552 Changed course to 225 T.

*E. L. Johnson*

E. L. JOHNSON, Lieutenant (jg) USN

18 to 21 Submerged as before. 1800 Changed course to 200°T. 1855 Surfaced, steering base course 225°T, standard speed on one main engine. 2007 Fire in maneuvering room. Went to fire quarters. All stop. 2012 Fire under control, secured fire <sup>from fire</sup> quarters. 2015 Went ahead standard speed on one main engine.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

21 to 24 Underway as before. 2102 Changed base course to 210°T. 2200 Changed base course to 265°T. 2300 Changed base course to 028°T. 2328 Changed course to 326°T and speed to standard on four main engines, investigating radar contact bearing 326°T, distant 26 miles. 2343 Changed speed to full on four main engines. 2350 Changed course to 305°T.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*

C. DONALD BROWN, Lt-Comdr. U. S. N

COMMANDING:

*R. L. Smith*

R. L. SMITH, Lieutenant

U. S. N. R. NAVIGATOR



UNITED STATES SHIP

RAZORBACK

Thursday 15 February, 1945  
(Day) (Date) (Month)

- 0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, on course 290°T, making full speed on four main engines. 2350 Changed course to 305°T. 0000 Changed to standard speed on two main engines. 0005 Changed to standard speed on one main engine. 0016 Changed course to 080°T. 0045 Changed course to 045°T, changed to standard speed on four main engines. 0115 Changed to standard speed on one main engine. 0150 Changed course to 000°T. 0155 Land on SJ radar bearing 112°T, distant 45 miles.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 3 to 6 Underway as before. 0300 Changed course to 080°T, steering by Arma Clock. 0400 Changed course to 357°T, steering by Arma Clock. 0500 Changed course to 250°T, steering by Arma Clock. 0600 Submerged.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 6 to 9 Submerged as before. 0620 Changed course to 270°T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 1037 Changed course to 250°T. 1134 Changed course to 180°T.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN
- 12 to 15 Submerged as before. 1305 Changed course to 090°T.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 15 to 18 Submerged as before. 1615 Changed course to 250°T. 1620 Changed course to 180°T.  
*E. L. Johnson*  
E. L. JOHNSON, Lieutenant, (jg) USN
- 18 to 21 Submerged as before. 1858 Surfaced, steering base course 180°T, standard speed on one main engine. 1918 Commenced steering base course 165°T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 21 to 24 Underway as before. 2100 Changed base course to 195°T. 2155 Changed speed to 16 knots on two main engines. 2200 Changed base course to 230°T. 2300 Changed base course to 260°T.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*  
C. DONALD BROWN, Lt-Comdr. U. S. N. COMMANDING.*R. E. Smith*  
R. E. SMITH, Lieutenant, U. S. N. R. NAVIGATOR

UNITED STATES SHIP RAZORBACK Friday 16 February, 1945  
 (Day) (Date) (Month)

- 0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, on course 260°T, making 210 turns on two main engines. 0000 Changed course to 280 T. 0003 Changed course to 270°T. 0100 Changed course to 280°T.  
*L.B. Crann*  
 L. B. CRANN, Lieutenant, USNR
- 3 to 6 Underway as before. Changed course to 000°T, steering by Arma clock. 0302 Changed speed to standard on four main engines. 0302 Ceased steering by Arma clock. 0353 Changed course to 010°T.  
*E. L. Johnson*  
 E. L. JOHNSON, Lt(jg) USN
- 6 to 9 Underway as before. 0600 Commenced zigzagging. 0623 Submerged, steering 010°T.  
*R. S. Thompson*  
 R. S. THOMPSON, Lieutenant, USNR
- 9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal.  
*A. R. Hersh, Jr.*  
 A. R. HERSH, Jr., Lieutenant, USN
- 12 to 15 Submerged as before.  
*L.B. Crann*  
 L. B. CRANN, Lieutenant, USNR
- 15 to 18 Submerged as before.  
*E. L. Johnson*  
 E. L. JOHNSON, Lt(jg) USN
- 18 to 21 Submerged as before. 1900 Surfaced, steering course 045°T, standard speed on one main engine.  
*R. S. Thompson*  
 R. S. THOMPSON, Lieutenant, USNR
- 21 to 24 Underway as before. 2150 Changed speed to standard on four main engines. Ceased zigzagging. 2255 Changed speed to standard on one main engine. Commenced zigzagging. 2335 Changed base course to 000°T.  
*A. R. Hersh, Jr.*  
 A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*

C. DONALD BROWN, Lt-Comdr. U. S. N

COMMANDING:

*R. L. Smith*

R. L. SMITH, Lieutenant U. S. N. R

NAVIGATOR



UNITED STATES SHIP

RAZORBACK

Saturday 17 February, 1945  
(Day) (Date) (Month)

- 0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, on course 000°T, making standard speed on one main engine. 0000 Changed course to 050°T. 0045 Land on SJ radar bearing 045°T, distant 35 miles. 0050 Changed course to 255°T. 0200 Changed course to 210°T. 0215 Changed course to 260°T.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 3 to 6 Underway as before. 0315 Changed course to 355°T by Arma Clock. 0415 Changed course to 090°T, steering by Arma Clock. 0515 Changed course to 015°T, steering by Arma Clock. 0555 Changed course to 345°T, steering by Arma Clock.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 6 to 9 Underway as before. 0610 Submerged, steering course 225°T. 0830 Changed course to 045°T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN
- 12 to 15 Submerged as before.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 15 to 18 Submerged as before. 1555 Changed course to 225°T.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 18 to 21 Submerged as before. 1905 Surfaced, steering base course 225°T, standard speed on one main engine. 1915 Sighted two lights bearing 335°T. 1942 Went to flank speed and turned away from contact bearing 264°T, range 1100 yards. 1943 Lost contact, commenced steering base course 180°T, standard on one main engine. 2032 Went to flank speed and turned away from contact bearing 180°T, range 1500 yards. 2034 Lost contact. 2040 Slowed to standard speed on one main engine and commenced steering 265°T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 21 to 24 Underway as before. 2102 Changed base course to 265°T. 2130 Changed base course to 345°T. 2230 Changed base course to 095°T. 2258 Made radar contact bearing 020°T, distant 8 miles. Commenced steering various courses at various speeds tracking target.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*  
C. DONALD BROWN, Lt-Comdr. U. S. N. COMMANDING.

*R. L. Smith*  
R. L. SMITH, Lieutenant U. S. N. R. NAVIGATOR

UNITED STATES SHIP

RAZORBACK

Sunday 18 February 1945

(Day)

(Date)

(Month)

0 to 3 Underway in accordance with Comtaskforce 17 Operation order 35-45 on various courses and at various speeds on four main engines tracking radar contact bearing 020°T, distant nine miles. 0100 Secured tracking party. 0130 Lost radar contact bearing 334°T, distance eleven miles. Commenced steering course 180°T, speed standard on one main engine. 0215 Changed base course to 105°T.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

3 to 6 Underway as before. 0316 Changed course to 115°T, steering by Arma clock. 0415 Changed course to 070°T, steering by Arma clock. 0515 Changed course to 350°T, steering by Arma Clock. 0540 Changed course to 300°T, steering by Arma clock. 0600 Submerged.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

6 to 9 Submerged as before. 0833 Changed course to 345°T.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 1025 Sighted enemy merchantman bearing 042°T, distant 7 miles. 1027 Manned battle stations, torpedo. Commenced maneuvering at various speeds on various courses to close target. 1031 Sighted small fishing vessel close aboard. 1050 Lost sight of fishing vessel. 1105 Secured from battle stations. 1115 Lost sight of merchantman which was smoking heavily on bearing 320°T. 1117 Changed course to 350°T. 1130 Sighted masts of two trawlers bearing 281°T, distant 5 miles.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

12 to 15 Submerged as before. 1212 Changed course to 220°T. 1400 Changed course to 130°T. 1405 Sighted small sailing vessel bearing 298°T, distant eight miles. 1420 Lost sight of two sampans bearing 020°T, range six and one-half miles.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

15 to 18 Submerged as before.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

18 to 21 Submerged as before. 1903 Surfaced, steering base course 270°T, standard speed on one main engine. 1930 Sighted two white lights bearing 240°T. 1937 Determined lights to be on two sampans, commenced steering various courses to avoid. 2028 Lost sight of lights, commenced steering base course 220°T.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

21 to 24 Underway as before. 2134 Changed base course to 045°T. 2227 Exchanged calls with USS SEGUNDO. 2251 Changed base course to 230°T.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*

C. DONALD BROWN, Lt-Comdr. U. S. N.

COMMANDING:

*R. L. Smith*

R. L. SMITH, Lieutenant

U. S. N. R.

NAVIGATOR



UNITED STATES SHIP

RAZORBACK

Monday 19 February 1945  
(Day) (Date) (Month)

- 0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, steering course 270°T, making standard speed on one main engine. 0025 Changed base course to 050°T. 0135 Made radar contact with USS SEGUNDO, bearing 005°T, range 9000 yards. Exchanged recognition signals. Changed base course to 180°T. 0145 Changed base course to 050°T. 0153 Changed base course to 070°T. 0230 Changed base course to 180°T.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 3 to 6 Underway as before. 0300 Changed course to 215°T, steering by Arma Course Clock. 0433 Changed course to 035°T, steering by Arma Clock. 0557 Submerged.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 6 to 9 Submerged as before. 0621 Changed course to 315°T. 0745 Sound contact bearing 000°T. 0746 Changed course to 000°T. 0810 Resumed steering course 315 T, having determined sound contact to be a school of fish.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples, conditions normal.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN
- 12 to 15 Submerged as before. 1240 Changed course to 040°T.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 15 to 18 Submerged as before. 1545 Changed course to 025°T. 1710 Changed course to 230 T.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 18 to 21 Submerged as before. 1915 Surfaced, steering base course 310°T, standard speed on one main engine. 1916 Changed base course to 220°T. 2036 Changed base course to 040°T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 21 to 24 Underway as before. 2142 Changed course to 240°T, zigzagging. 2300 Changed base course to 220°T.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*

C. DONALD BROWN, Lt-Comdr. U. S. N.

COMMANDING.

*R. E. Smith*

R. E. SMITH, Lieutenant U. S. N.

R. NAVIGATOR

UNITED STATES SHIP

RAZORBACK

Tuesday 20 February, 1945  
(Day) (Date) (Month)

0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, on course 220°T, making standard speed on one main engine.

*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR

3 to 6 Underway as before.

*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN

6 to 9 Underway as before. 0612 Submerged, steering course 180°T.

*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR

9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal.

*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

12 to 15 Submerged as before.

*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR

15 to 18 Submerged as before. 1755 Echo ranging contact heard at 315°T.

*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN

18 to 21 Submerged as before. 1800 Turned toward echo ranging sound contact at 315°T, standard speed; went to Battle Stations, Torpedo. 1802 Commenced steering various courses at various speeds making approach on destroyer escort type ship. 1906 Surfaced, steering 100°T, full speed on three main engines, to regain contact. 1918 Secured from battle stations. 1948 Regained contact at 128°T, range 17,900 yards. 1950 Commenced steering various courses at various speeds tracking target. 2042 Secured from tracking target, commenced steering base course 270°T, standard speed on one main engine.

*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR

21 to 24 Underway as before.

*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*  
C. DONALD BROWN, Lt-Comdr. U. S. N. COMMANDING.

*R. L. Smith*  
R. L. SMITH, Lieutenant U. S. N. R. NAVIGATOR



UNITED STATES SHIP

RAZORBACK

Wednesday 21 February, 1945

(Day)

(Date)

(Month)

0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, on course 270°T, making standard speed on one main engine. 0027 Radar contact bearing 309°T, range 9000 yards; commenced tracking at various speeds on various courses. 0058 Determined contact to be false. Commenced steering course 180°T, speed standard on one main engine. 0115 Changed course to 265°T. 0145 Sighted flare bearing 145°T. 0230 Changed course to 180°T.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

3 to 6 Underway as before. 0430 Changed course to 120°T, steering by Arma Clock. 0530 Changed course to 030°T, steering by Arma Clock.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

6 to 9 Underway as before. 0618 Submerged, steering course 030°T. 0700 Changed course to 000°T.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

12 to 15 Submerged as before. 1410 Explosion heard on sound gear and in control room. 1415 Changed course to 180°T.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

15 to 18 Submerged as before.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

18 to 21 Submerged as before. 1900 Surfaced, steering base course 225°T, standard speed on two main engines. 1910 Slowed to standard on one main engine. 1930 Went to full speed on three main engines and changed course to 030°T, to open out from contact at 218 T, range 2800 yards. 1945 Lost contact; resumed base course 225°T, standard on one main engine. 1955 Changed base course to 220°T.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

21 to 24 Underway as before. 2200 Changed base course to 000°T.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*

C. DONALD BROWN, Lt-Comdr. U. S. N.

COMMANDING.

*R. L. Smith*

R. L. SMITH, Lieutenant

U. S. N. R. NAVIGATOR

UNITED STATES SHIP

RAZORBACK

Thursday 22 February, 1945

(Day)

(Date)

(Month)

0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, on various courses making various speeds on four main engines tracking target believed to be USS SUNFISH, bearing 329°T, range 5400 yards. 0014 Commenced steering course 045°T at standard speed on one main engine zigzagging. 0115 Changed course to 000°T. 0220 Radar contact on land bearing 315°T, distant 45 miles. 0245 SJ radar contact bearing 075°T, range 1500 yards. Maneuvered to avoid at various speeds and courses. 0247 Commenced steering course 000°T, speed standard on one main engine.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

3 to 6 Underway as before. 0315 Changed course to 105°T, steering by Arma clock.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

6 to 9 Underway as before. 0618 Submerged. 0644 Changed course to 180°T.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 1045 Changed course to 000°T.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

12 to 15 Submerged as before. 1220 Sighted FUKAE SHIMA bearing 090°T, distant 38 miles.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

15 to 18 Submerged as before. 1445 Changed course to 170°T.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

18 to 21 Submerged as before. 1923 Surfaced, steering base course 270°T, standard speed on two main engines. 1927 Slowed to standard on one main engine.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

21 to 24 Underway as before. 2100 Changed base course to 250°T. 2300 Changed base course to 190°T.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*

C. DONALD BROWN, Lt-Comdr. U. S. N

COMMANDING.

*R. L. Smith*

R. L. SMITH, Lieutenant

U. S. N. R

NAVIGATOR



UNITED STATES SHIP RAZORBACK

Friday 23 February, 1945  
(Day) (Date) (Month)

0 to 3 Underway in accordance with Comtaskforce 17 operation order #35-45, zigzagging on course 190°T, making standard speed on one main engine. 0200 Changed course to 090°T, zigzagging by Arma Clock.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

3 to 6 Underway as before. 0400 Changed course to 035°T and pgc, steering by Arma Clock. Inspected magazine and pyrotechnic locker flood system - operation satisfactory.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

6 to 9 Underway as before. 0611 Submerged. 0625 Changed course to 000°T. 0800 Changed course to 180°T.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 1010 Sighted smoke bearing 060°T. 1023 Manned battle stations torpedo. Commenced maneuvering on various courses at various speeds to close target which appears to be a two-stack merchant vessel. 1046 Fired first of five torpedoes. 1056 Secured from battle stations. Commenced steering course 345°T. 1105 Lost sight of target, bearing 192°T, target smoking.

*A. R. Hersh Jr.*

A. R. HERSH, Jr., Lieutenant, USN

12 to 15 Submerged as before. 1200 Changed course to 000°T. 1400 Changed course to 180°T. 1410 Changed course to 345°T.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

15 to 18 Submerged as before.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

18 to 21 Submerged as before. 1912 Surfaced, steering base course 270°T, standard speed on two main engines. 1920 Slowed to standard on one main engine.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

21 to 24 Underway as before. 2100 Changed base course to 195°T. 2113 Sighted light on horizon at 201°T. Manned battle stations, torpedo. Commenced steering various courses at various speeds. 2118 Observed lighted vessel to be small and to be accompanied by patrol escort unlighted. Commenced opening the range. 2135 Secured from battle stations. 2136 Set course 020°T, zigzagging at standard speed on two main engines. 2200 Changed base course to 000°T, and speed to standard on one main engine.

*A. R. Hersh Jr.*

A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*  
C. DONALD BROWN, Lt-Comdr. U. S. N. COMMANDING.

*R. L. Smith*  
R. L. SMITH, Lieutenant U. S. N. NAVIGATOR

UNITED STATES SHIP

RAZORBACK

Saturday 24 February, 19 45  
(Day) (Date) (Month)

0 to 3 Underway on course 000°T, making standard speed on one main engine, proceeding in accordance with Comtaskforce 17 operation order 35-45. 0000 Changed base course to 065°T. 0045 Changed course to 145°T. 0200 Changed base course to 065°T.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

3 to 6 Underway as before. 0300 Changed course to 145°T, steering by Arma Clock. 0450 SJ contact 164°T, 32,600 yards. 0452 Changed course to 164°T pgc. 0455 Making standard speed on four main engines. 0500 Changed course to 294°T pgc. 0515 Changed course to 294°T, increased speed to full. Stationed radar tracking party. 0537 Sighted white light bearing 286°T. 0538 Changed course to 090°T. 0556 Changed course to 110°T PGC.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

6 to 9 Underway as before. 0619 Submerged, steering course 110°T. 0700 Changed course to 125°T.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 1037 Sighted unidentified land, bearing 096°T.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

12 to 15 Submerged as before. 1400 Changed course to 000°T.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

15 to 18 Submerged as before.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

18 to 21 Submerged as before. 1900 Surfaced, steering course 325°T, two-thirds speed on two main engines. 1900 Went to standard speed on one main engine.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

21 to 24 Underway as before. 2100 Changed base course to 035°T.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*Donald Brown*

C. DONALD BROWN, Lt-Comdr. U. S. N.

COMMANDING.

*R. L. Smith*

R. L. SMITH, Lieutenant

U. S. N. R. NAVIGATOR



UNITED STATES SHIP

RAZORBACK

Sunday 25 February, 19 45  
(Day) (Date) (Month)

0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, zigzagging on course 035°T, making standard speed on one main engine. 0200 Changed course to 265°T.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

3 to 6 Underway as before.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

6 to 9 Underway as before. 0629 Submerged. 0710 Changed course to 000°T. 0800 Changed course to 090°T.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 1000 Changed course to 180°T. 1040 Sighted unidentified land bearing 334°T.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

12 to 15 Submerged as before. 1200 Changed course to 270°T. 1400 Changed course to 000°T.

*L. B. Crann*

L. B. CRANN, Lieutenant, USNR

15 to 18 Submerged as before. 1600 Changed course to 090°T. 1800 Changed course to 180°T.

*E. L. Johnson*

E. L. JOHNSON, Lt(jg) USN

18 to 21 Submerged as before. 1900 Changed course to 090°T. 1915 Surfaced, steering course 125°T, two-thirds speed on two main engines. 1928 Changed speed to standard on one engine. 1931 Changed base course to 180°T.

*R. S. Thompson*

R. S. THOMPSON, Lieutenant, USNR

21 to 24 Underway as before. 2100 Changed base course to 020°T.

*A. R. Hersh, Jr.*

A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*G. Donald Brown*

G. DONALD BROWN, Lt-Comdr, U. S. N. COMMANDING.

*R. L. Smith*

R. L. SMITH, Lieutenant, U. S. N. R. NAVIGATOR

UNITED STATES SHIP

RAZORBACK

Monday 26 February, 19 45

(Day)

(Date)

(Month)

0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, zigzagging on course 020°T, making standard speed on one main engine. 0000 Changed course to 090°T. 0200 Changed course to 175°T.

*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR

3 to 6 Underway as before. 0425 Changed course to 150°T, steering by Arma Clock.

*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN

6 to 9 Underway as before 0606 Submerged, steering course 150°T. 0630 Changed course to 055°T.

*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR

9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 1130 Changed course to 235°T.

*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

12 to 15 Submerged as before.

*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR

15 to 18 Submerged as before. 1646 Sighted mast through periscope, bearing 221°T. Changed course to 221°T. 1708 Sound contact bearing 228°T. 1735 Changed course to 225°T. 1750 Changed course to 320°T. 1751 Mast identified as black buoy with ten foot mast and black pennant attached to top of mast. Just below pennant hung light cloth tassel with lower end in water.

*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN

18 to 21 Submerged as before. 1900 Changed course to 330°T. 1912 Surfaced, steering base course 330°T, standard speed on one main engine.

*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR

21 to 24 Underway as before. 2220 Changed base course to 230°T.

*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*

C. DONALD BROWN, Lt-Comdr. U. S. N

COMMANDING.

*R. L. Smith*

R. L. SMITH, Lieutenant

U. S. N. R. NAVIGATOR



UNITED STATES SHIP RAZORBACK Tuesday 27 February, 1945  
(Day) (Date) (Month)

- 0 to 3 Underway in accordance with Comtaskforce 17 Operation order 35-45, on course 230°T, making standard speed on one main engine. 0030 SJ radar contact bearing 272°T, range 12000 yards. Commenced tracking at various courses and speeds. 0052 Determined radar contact false, resumed steering course 230 T, speed standard on one main engine, zigzagging.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 0 to 3 Underway as before. 0545 Changed course to 340°T, steering by Arma Clock.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 6 to 9 Underway as before. 0610 Submerged, steering 340°T. 0650 Changed course to 330°T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 1045 Heard several explosion noises. 1115 Sighted unidentified object bearing 355°T. 1121 Changed course to 357°T.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN
- 12 to 15 Submerged as before. 1200 Changed base course to 065°T. 1230 Sighted spherical object floating in the water bearing 180 T. ~~real explosion~~  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 15 to 18 Submerged as before. 1633 JP contact 264°T. 1634 Sighted small fishing boat. 1640 Changed course to 110°T. 1653 Changed course to 130 T. 1710 Changed course to 085°T. 1718 Changed course to 060°T. 1739 Changed course to 240°T.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 18 to 21 Submerged as before. 1820 Lost sight of lugger bearing 113°T. 1920 Surfaced, steering 140°T, standard speed on one main engine.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 21 to 24 Underway as before. Made base course changes as follows: 2101 - 040°T; 2132 - 130°T; 2200 - 040°T; 2205 - 130°T; 2248 - 040°T; 2254 - 014°T.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*

C. DONALD BROWN, Lt-Comdr.

U. S. N

COMMANDING.

*R. L. Smith*

R. L. SMITH, Lieutenant

U. S. N. R. NAVIGATOR

UNITED STATES SHIP

RAZORBACK

Wednesday 28 February, 19 45  
(Day) (Date) (Month)

- 0 to 3 Underway in accordance with Comtaskforce 17 operation order 35-45, zigzagging on course 014 T, making standard speed on one main engine. 2354 Made standard speed on two main engines. 0000 Changed course to 011°T. 0103 Changed to standard speed on one main engine.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 3 to 6 Underway as before. 0545 Changed course to 090°T, steering by Arma Clock.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 6 to 9 Underway as before. 0611 Submerged, steering 090°T. 0630 Changed course to 000°T. 0734 Sighted masts of sail boat bearing 307°T, range 10,000 yards. 0735 Went to standard speed and changed course to 307°T. 0737 Sighted another target at 322 T. 0747 Slowed to one-third and resumed steering 000°T. 0843 Sighted third sailing vessel bearing 339°T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. 0920 Sighted two additional fishing vessels bearing 328°T and 296°T. 0943 Sighted another fishing vessel bearing 324°T. 1130 Changed course to 180°T.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN
- 12 to 15 Submerged as before.  
*L. B. Crann*  
L. B. CRANN, Lieutenant, USNR
- 15 to 18 Submerged as before.  
*E. L. Johnson*  
E. L. JOHNSON, Lt(jg) USN
- 18 to 21 Submerged as before. 1905 Surfaced, steering 045°T, standard speed on one main engine. 1920 Changed base course to 010 T.  
*R. S. Thompson*  
R. S. THOMPSON, Lieutenant, USNR
- 21 to 24 Underway as before. 2108 Changed base course to 230°T. 2123 Changed base course to 260°T. 2200 Commenced steering various courses at various speeds investigating radar contact bearing 280°T, distant 4900 yards. 2220 Changed base course to 170°T, at standard speed on one main engine. 2300 Changed base course to 270°T. 2330 Changed base course to 060°T.  
*A. R. Hersh, Jr.*  
A. R. HERSH, Jr., Lieutenant, USN

APPROVED:

EXAMINED:

*C. Donald Brown*

C. DONALD BROWN, Lt-Comdr. U. S. N. COMMANDING.

*R. L. Smith*

R. L. SMITH, Lieutenant U. S. N. NAVIGATOR