| NITED STATE | S SHIP | RAZORBACK | | · | Friday | 1 Dec | | , 19 |
|-------------|---|---|--|--|---|---|---|-------------------|
| | | | | | (Day) | (Date) | (Month) | |
| | | | | | | | | |
| 0 to 3 | on base cour base cour on SJ-1 r | in accordance with course 215°T, making use to 180°T. 004 radar, bearing 307° ar, bearing 251°T, | ng standard : 5 Changed ba T. rance 95 | speed on two ma ase course to 3 .000 vards. Ol | in engin 30°T. 0 05 Land Changed | es. 00 102 la contac base co | 15 Chang nd contac ted on | ng ged sted |
| 3 to 6 | ROCKS, be | as before. 0332 300KS, bearing 240 ^c earing 251 ^o T, distanged base course to and 320 ^o T, <u>BABUYAN</u> | T, distant I unt 9 miles. Lo 225°T. OU N ISLAND. O | 13 miles. 04/22 04/40 Changed 455 Sighted la 520 Dived. 05 | sighte base con nd beari 24 Chan | d land, urse to ng 240 ⁰ ged cou | GUINAFAC 260°T. I, Calife rse to | ; |
| | 210 1. | | | AR Heroh / | k., Lieu | ten≊nt, | UUN | |
| 6 to 9 | Submersed to 110°T. | las before. 0625 | | | 0724 CI | mnged (| course | , |
| 9 to 12 | Submerged | as before. | | 111 | | | | |
| | | | | R. S. THORPOU | N, Lieute | enant, [| ioni · | |
| 12 to 15 | Submerged | as before. | , | L. T. ADAMS, | νt.(jε) t | JShr | | • . |
| 15 to 18 | enemy con and three steering 1739 Fire | hted 'single enemy voy bearing 313 T, patrol boat escor various courses at ed six torpedoes a th charges. 1750 | plane circli distant 6 m ts. Manned various spe t large tran | ng above Babuya illes. Convoy battle stationa eds, maneuveria sport - no bit | an Island consisted s, torped ng for to s observe | l 1705 l of two lo. Com propedo a ed. 174 | Sighted large someoned attack. Heard | d hips |
| 18 to 21 | standard : | as before. 1842 speed on three mai nes. 1934 Perisc | n engines. | 1923 Changed | speed to | standar | d on two | Τ, |
| 21 to 24 | APR. 221/ | as before. 2121 4 Surfaced, comment in engines. 2330 | nced steerin | e course to 105 | 211 [°] T, st 5 [°] T. | andard | spe ed | |

APPROVED:

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

EXAMINED

A. M. M. T. Lieutenant

J. S. N. IL NAVIGAT

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NAVPERS-IM (REV. 1-44)

RAZORBACK UNITED STATES SHIP. (Day) (Month) Underway in accordance with ComTaskForce 17 Operation order 383-44, zigzagging on base course 105 T, making standard speed on two main engines. 0020 Contact on APR, 150 Mc signal, strength 1. 0025 Lost contact. 0030 Contact on APR, 300 MC, signal strength 2. 0035 Lost contact. 0130 Changed base course to 055 T. 0230 Changed base course to 295 T. 0 to 3 Underway as before. 0305 Dived to avoid aircraft. 0314 Changed course to 270°T. 0342 Surfaced. Commenced zigzagging at standard speed on two main engines. 0408 Changed base course to 225°T. 0525 Changed base course to 270°T. 0537 Dived. 0545 Changed course to 250°T. 3 to 6. A Riteration. Licutonent, UCN 6 to 9 Submerged as before. CKANN, Licutenant, USMA 9 to 12 Submerged as before. 0957 Changed course K. J. THOMPSON, Liqutenant, USNR 12 to 15 Submerged as before. 1315 Changed course to 136 T MARIS, Lt.(jg) USMA Submerged as before. 1757 Surfaced. Commenced zigzagging.

A. R. Hersh, Jr., Lieutenant, USN 15 to 18 1801 Commenced steering course 090°T, zigzagging, 18 to 21 Underway as before. making standard speed on two main engines. S. B. Canill, Lieutenant, UCAR

Underway as before 2100 Changed base course to $140^{\circ}\mathrm{T}$. 2230 Changed base course to 240 T. 2300 Changed base course to $000^{\circ}\mathrm{T}$. 2305 Slowed to 2/3 speed on two main engines. 2355 Changed base course to 340 T.

R.S. THOLPSON, Lieutenant, USNL

APPROVED:

2]. to 24

DONALD BROWN, lt-Comdr. u.s.N

EXAMINED:

1. 1. SHITH, Lieutenant

COMMANDING

MAZorBACK Sunday UNITED STATES SHIP (Date) Underway in accordance with ComTaskForce 17 Operation Order 383-44, zigzagging on base course 340°T, at two thirds speed on two main engines. 0130 Changed base course to 200°T. 0230 Changed base course to 270°T. 0231 Changed speed 0 to 3 to standard on two main engines. T. ADAMS, Lt. (jg) USNR 3 to 6 Underway as before. 0306 Changed speed to two thirds on two main engines. 0345 Dived to avoid aircraft. 0444 Surfaced. Commenced zigzagging at two thirds speed on two main engines. 0457 Changed base course to 225°T. 0517 Dived. AR Herok A. R. HERSH Or., Lieutenant, USN Changed course to 120 T. 0854 6 to 9 Submerged as before. L. B. CHANN, Lieutenant, USNA Submerged as before. 0925 Changed course to 090°T. 9 to 12 R. S. THOLPSON, Lieutenant, USMi 1351 Changed course to line 12 to 15 Submerged as before. Submerged as before. 1617 Changed course to 120°T. 1755 Surfaced. 15 to 18 A. R. HEHH, Jr., Lieut enart, USN Underway as before on course $046^{\circ}T$, standard speed on two main engines. 1912 Changed course to $130^{\circ}T$. 18 to 21 L. B. CLANN, Lieutenant, USNE Underway as before. 2209 Submerged from strong aircraft radar contact on APR. 2214 Surfaced, changed course to 110°T, two thirds speed on two main engines. 21 to 24 2336 Submerged from strong aircraft radar contact on APit.

ii. S. THOMPSON, Lieutenant, USNII

APPROVED:

DONAID BROWN Lt-Comdr. U. S. N

R. L. STITH, Licutement

DECK LOG-REMARKS SHEET

NAVPERS-134 (REV. 1-44) RAZORBACK Monday UNITED STATES SHIP (Date) Underway, submerged in accordance with ComTaskForce 17 Operation Order 383-44. Steering course 110 T. 0003 Changed course to 095°T. 0020 Surfaced. 0022 All ahead standard on two main engines. 0100 Changed course to 070°T. 0234 Changed speed to one third on two main engines T. ADAMS, Lt (jg) USMh Underway as before. 0300 Changed course to 275°T, and speed to 2/3 on two main engines. 0415 Changed course to 265°T. 0517 Dived. 0526 Changed course to 3 to 6 180 T, and speed to one third. A. R. HEISH, Jr., Lieutenant, USN 6 to 9 Submerged as before. L. B. Chann, Lieutenant, UCNR 9 to 12 Submerged as before. MAPSON, Lieutenant, USNR Submerged as before. 1335 Changed course to 2750 T 12 to 15 L. T. ADAMS, Lt. (JE) USNA 1502 Changed course to 270°T.
A. h. HERSH, D., Lieutenant, USN 15 to 18 Submerged as before. Underway as before. Changed course to 120° T, zigzagging. Changed speed to standard on two main engines. 2000 Changed base course to 025 T. 18 to 21 2015 Changed speed to 2/3 on two main engines.

. B. CHANN, Licutenant, USNk Underway as before. 2118 Aircraft radar contact on APR. 2125 Lost Contact. 2152 Submerged from strong aircraft radar contact on APR. 2225 Surfaced, steering course 110°T, standard speed on two main engines. 2250 Changed course to 000°T. 2343 Changed course to 330°T. 21 to 24

S. THOMPSON, Licutemant, USNR

APPROVED: C. DONALD BROWN, Lt-Comdr.

Tuesday 5 December RAZORBACK UNITED STATES SHIP (Date) (Day) (Month) 0 to 3 Underway in accordance with ComTaskForce 17 Operation Order 383-44 on base course 240°T, making standard speed on two main engines. OO15 Changed base course to 270°T, changed speed to standard on three main engines. O100 Changed course to 280°T. O105 Changed course to 300°T. O230 Changed course to 280°T. T. ADAME, Lieut. (jg) USNR Underway as before. 0330 Changed course to 215°T. 0430 Changed course to 180°T. 0526 Made contact with enemy convoy bearing 235°T, distant 7 miles. 3 to 6 Commenced steering various courses at various speeds maneuvering for attack.

0535 Dived. 0540 Manned battle stations torpedo

A. R. HERSH, J., Lieutenant, UCN Submerged as before. O616 Fired six torocdoes at leading escort. O618 to 9 Rigged for depth charge. 0619 Three explosions heard, 10 seconds apart. 0623 One depth charge heard. 0625 Three depth charges heard. 0626 Three more depth charges heard. 0652 Changed course to 190°T. 0712 becured from battle stations. To Cram L. B. Chanki, Lieutenant, USikh Submerged as before. 6930 Secured from depth charge. 1000 Changed course to 226°T. 9 to 12 Rothompson k. S. THOMBSÓN, Lieutenant, USNA 12 to 15 Submerged as before. MAGACO ADAMS, Lt.(Sg) USAR 15 to 18 Submerged as before. A. R. HERSH, Jr., Lieutenant, USN Submerged as before. 1813 Changed course to 271°T. 1818 Surfaced, 18 to 21 commenced zigzagging, went to standard speed on two main engines. 1847 Changed course to 091 T. 1910 Changed course to 316 T. 2008 Stationed radar tracking party to investigate possible radar contact. 2013 Changed course to 346 T, changed speed to two thirds. 2033 Changed course to 162 T. 2034 Changed course to 125 T. 2045 Changed course to 180 T. 2053 Changed course to 220 T, resumed zigzagging. Secured radar tracking party, having determined radar pips due to enemy jamming or natural menomena. Underway as before. 2120 Changed base course to 170°T. 2145 Increased speed to standard on two main engines. 2146 Changed base course to 220°T. 21 to 24 speed to standard on two main engines. 2149 Changed base course to 235 T.

APPROVED

EXAMINED:

DONALD BROWN Lt-Comdr. u.s.n. COMMAND

R. C. S. TH. Lieutement

Rethompson

R. S. THOLPSON, Lieutenant, USNR

U.S. N.I. NAVIGATOR

RAZORBACK nednesday 6 UNITED STATES SHIP Underway in accordance with ComTaskForce 17 Operation Order 283-44, steering base course 235°T, zigzagging, making standard speed on two main engines.

O048 Changed base course to 135°T; many pips visible on radar screen bearing 0 to 3 135 T; pips determined to be false decoys by radar officer. Ol28 Changed base course to 152 T. Ol37 Changed base course to 215 T. Ol58 Exchanged recognition signals and calls with USS GUMNEL (SS253) O222 Sighted flare bearing 120 T, submerged. O257 Surfaced on course 215 T. الأنا (غز) الله ورا Underway as before. 0300 Changed course to 180°T. Commenced zigzagging at standard speed on two main engines. 0315 Changed base course to 140°T. 0342 Changed base course to 115°T. 0524 Dived. 0539 Changed course to 170°T.

A. R. HERSH, Up., Lieutenant, USN 3 to 6 LB Cram 6 to 9 Submerged as before. Chana, Lieutenant, USNR Submerged as before. 9 to 12 Thompson, Lieutenant, USMit Submerged as before. 1440 Changed course to 260°T. 12 to 15 Tit. (jg) ULNK 15 to 18 Submerged as before. A. R. Heroh J., Lieutenant, USN 18 to 21 Submerged as before. 1806 Changed course to 350°T. 1810 Surfaced, commenced zigzagging at standard speed on two main engines. 1848 Changed course to 310 T. 2008 Changed base course to 170 T. 2013 Changed speed to standard on three main engines. 2020 Changed course to 120 T. 2027 Changed base course to 090 T. 2033 Changed base course to 105 T.

L. B. Chann, lieutenant, USNk 21 to 24 Underway as before. 2111 Increased speed to standard on four main engines. 2119 Changed course to 115°T. 2145 Increased speed to full on four main engines. 2222 Changed course to 085°T. 2234 Radar contact 070°T, range 17,250 yards. 2247 Commenced steering various courses at various

speeds, conducting approach on a large ship with three escorts. 2315 ment to battle stations, torpedo. 2334, Submerged. 2343 Fired four torpedoes from after nest. 2347 Heard one or two dull explosions followed by three depth charges several minutes apart. 2355 Sighted fire on target, which continued to increase in intensity.

moson ii. S. THOMPSON, Lieutenant, USNic

Lieutenant

| UNITED STATES SHIP | RAZORBACK | | sday | 7 December | , 19_44 |
|--------------------|-----------|-------|--------|------------|---------|
| | | (Day) |) (Dat | e) (Month) | |

0 to 3

Underway in accordance with ComTaskForce 17 Operation order 383-44, at battle stations torpedo, conducting submerged approach on Japanese ship previously damaged. COOS Fired four torpedoes forward. COOS Explosion. COTS Three depth charges - rig ship for depth charge. 0040 Secured from depth charge. 0126 Surfaced on course 331°T. 0130 Changed course to 296°T. Commenced making full speed on four main engines. 0133 Changed course to 271°T. 0135 Secured from battle stations. 0135 All ahead flank. 0135 Changed speed to flank on three main engines. 0153 Changed speed to full on three main engines. 0215 Large shot of flame from target - target disappeared. 0221 Large shot of flame, bearing 080 T, range about 12,000 yards heard one explosion.

ADARS, Lt.(jg) USAR

3 to 6

Underway as before. 0415 Changed base course to $330^{\circ}T$. 0421 hade contact with unidentified vessel bearing 110 T, distant 5 miles. Commenced steering various courses at various speeds tracking the vescel. 0512 Set course 330°T, zigzagging. 0534 Dived.

A. R. Herch J. Lioutenant, USN

6 to 9

Submerged as before. 0600 Changed course to 300 T. Lade daily inspection of magazines and smokeless powder samples - conditions normal.

L. B. CRAKN, Lieutenant, USEA

9 to 12

Submerged as before.

PAThompson R. S. THOLFUON, Lieutenant, UCNL

12 to 15 ·

Bubmerged as before.

Lt. (jg) USNK

15 to 18

Submerged as before.

Lieutement, UCN

18 to 21

Submerged as before. 1809 Changed course to 051 T. 1810 Surfaced. 1815 Changed speed to 2/3 on two main engines. 1820 Changed speed to one-third on two main engines. 1821 Changed course to 021 T. 1859 Changed course to 031 T. 1949 Changed speed to 2/3 on two main engines. 2019 Changed speed to two-thirds on one main engine.

Dro Cram. L. B. Chann, Lieut mont, USNI.

21 to 24

Underway as before. 2219 Changed course to 181°T, increased speed to standard on two main engines. 2245 Changed course to 031°T, slowed

to two-thirds on one main cogine.

R. S. THOMPSON, Lieutenant, USNA

DONALD BROWN. Lt-Comdr. u. s. N EXAMINED:

DECK LOG-REMARKS SHEET

Friday December RAZORBACK UNITED STATES SHIP (Date)

Underway in accordance with ComTaskForce 17 operation order 383-44, steering base course 031°T, making two-thirds speed on one main engine. 0109 Changed 0 to 3 . speed to two-thirds on two main engines. Ollo Changed speed to standard on two main engines. Oll4 Changed course to 190°T. Ol21 Changed course to 170°T. 0212 Changed speed to flank on two main engines. 0213 Changed speed to standard on two main engines.

L. T. ADANS, Lt.(jg) USNA

Underway as before. 0525 Changed course to 090°T. Dived. 3 to 6

A. H. HERSH, W., Lieutenant, UCN

6 to 9 Submerged as before. Made daily inspection of magazines and smokeless powder

samples - conditions normal.

L. D. CLANN, Licutement, USNA

Mrs Cram

9 to 12 Submerged as before.

Ry Thompson, Lieutenant, USNI.

12 to 15 Submerged as before.

15 to 18 Submerged as before. 1742 Surfaced. Commenced steering course 060°T,

at two-thirds speed on two main engines.

A. A. HERSH J., Lieutenant, USN

Underway as before. 1808 Made radar contact bearing 040°T, range 7400 yards. Changed course to 220°T, changed speed to full on four main engines. 1833 Changed speed to two thirds on two main engines. 1909 Archanged recognition signals with USS TREPANG. 1915 Changed speed to two thirds on one main engine, changed course to 045°T. 18 to 21

J. B. CKAIN, Lieutenant, USAK

Underway as before. 2112 Changed course to 080°T. 2231 Changed course to 21 to 24 Opport. 2246 Increased speed to standard on one main engine.

R. S. THOMPSON, Lieutenant, USNR

DONALD BROWN

EXAMINED:

NAVIGATOR

| NITED STATES SHIP | RAZORBA CŘ | Satu | rday 9 | December |
|-------------------|---|-------------------------|---|---------------------------|
| | | (Day) | (Date) | (Month) |
| | | | | |
| | • | | | |
| .0 to 3 | Underway in accordance with ComTaskForce 17 Operat | ion order | 383-44 | on hase |
| ì | course 095 T. making standard speed on one main en | rine. 00 | 30 SI r | adar contagt |
| | Calayan Island, bearing 144.5°T, 90.000 yards. 00 | 39 Change | ed bade S Wesse | course 090 T |
| | Oll5 Changed speed to two-thirds on two main engi standard on two main engines. O215 SJ radar cont | nes. Ulia act Babus | J Unang ran Tela | eo speed to nd hearing |
| | 125°T. 0220 Changed speed to two-thirds on two m | oin engine | s. 022 | 6 Changed |
| | speed to standard on two main engines. | / . | | 0 |
| ; | L. T. Abi | un/ | \ | |
| | In To ADA | L. (J. | j) ounii | |
| 3 to 6 | Underway as before. 0500 Changed course to 135°I | ', changed | spood t | o standard |
| | on three main engines. 0521 Dived, changed cours | e to 1801 | r. 0526 | Changed |
| ; | course to 135°T. | -60 | | |
| | A R Her | | cut mon | t. 0.54 |
| | | ,, | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | ., |
| 6 to 9 | Submerged as before. Made daily inspection of mag | ezines end | i smokel | ess bowder |
| 1 | samples - conditions normal. | | | |
| | samples - conditions normal. 1. L. D. G. H. W. | Lipul end | int. Usill | |
| : | | | | |
| 9 to 12 | Submerged as before. R. J. 11. 0. Trick | anna e e | | |
| | It. C. TSICE | PSUN. Lico | tenent. | ucm: • |
| | | | | |
| 12 to 15 | Submerged as before. Lade inspection of magazine | and syrote | chnic l | ocker flood |
| | system - operation satisfactory. | nall | | |
| | 1. T. ADAM | (jg) | WM. | |
| 125 1 20 | Submerged as before. 1600 Changed course to 0800 A.R. Hers | O D | | ** |
| 15 to 18 | Submerged as before. 1000 Changed course to 020 | 60 | | |
| | A. M. ILHO | H, Tr., Li | .cutenant | t, ULIE |
| | | | | |
| 18 to 21 | Submerged as before. 1801 Surfaced. 1804 Chang standard on two main engines. 1807 Changed cours | ed course o to papon | to UZI 1 | l, sp.ed Charmad |
| 3 | speed to standard on three main engines. 2000 Ch | anged cour | se to 1/ | 400.1. |
| | FB Cran L. B. CHAN | m | | |
| | L. B. Chan | M, Lieuten | ant, US | ·i. |
| 21 to 24 | Underway as before. 2100 Changed course to 085°T | . 2105 \$ | lowed to | o standard |
| | speed on two main engines. 2123 Submerged from s | trong airc | raft rac | dar contact, |
| | steering course 030 T. 2215 Surfaced, changed con | urse to LO | 5 T, sta | indard speed |

Rethompson on two main engines.

NAVIGATOR

| 380 |
|---------|
| 200 |
| |

RAZORBACK Sunday 10 December 19 44 UNITED STATES SHIP. (Date) (Month)

Underway in accordance with ComTaskForce 17 Operation Order 383-44, steering course 104 T, making standard speed on two main engines. 0005 Changed base course to 084 T. 0105 Submerged on contact of APR. 0217 Surfaced. 0225 0 to 3 Speed standard on two main engines. T. ADALS, X(JC) USAN 0310 Changed speed to standard on one main engine. 3 to 6 Underway as before. 0515 Dived. A. H. Haush, JJ., Lieutenant, UCN 6 to 9 Submerged as before. Made daily inspection of magazines and smokeless powder samples - conditions normal. Lo Craim L. B. ChaiNN, Lieutenant, USAmi Submerged as before. 9 to 12 THOLPSON, Licutement, USAK 12 to 15 Submerged as before. 15 to 18 Submerged as before. **Jr.,** licutemant, USN Underway as before. Commenced steering course 085°T, making standard 18 to 21

speed on two main engines.

JR Crum L. B. CRANN, Lieutenant, USNR

21 to 24 Underway as before.

Addhomoson h. S. THOLPSON, Lieutenant, USNK

EXAMINED:

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RAZORBACK [] (Date) UNITED STATES SHIP Underway in accordance with comtaskforce 17 operation order 383-14, steering base course 085 T, making standard speed on two main engines.

1. T. ADALS, Lt(jg) USNA 0 to 3 Underway as before. 0500 Changed course to 090°T; 0535 Commenced 3 to 6 zigzagging. A. H. HERSH, D., Lieutenant, USN 6 to 9 Underway as before. 0857 Changed speed to standard on three main engines. L. B. CRANN, Lieutenant, USNR 9 to 12 Underway as before. THOMPSON, Lieutenant, USNE :12 to 15 Underway as before. T. DALS, Lt. jg) USMR JE Cram. L. B. CHANN, Lieutenant, USNE 15 to 18 Underway as before. 18 to 21 Underway as before. AR Heroh Jr., Lieutenant, USN 21 to 24 Underway as before. R. S. THOLPSON, Lieutenant, USNR

APPROVED:

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

EXAMINED:

1. SHITH, Lieut chant

u. s. n.)?

NAVIGATOR

DECK LOG-REMARKS SHEET December , 1944 UNITED STATES SHIP (Date) (Month) (Day) 0 to 3 Underway in accordance with Comtaskforce 17 Operation Order 383-44, zigzagging on base course 090°T, making standard speed on two main engines. L. T. ADAMS, Lt(jg) USNR Underway as before. 0440 Dived. 0510 Surfaced. Commenced zigzagging at 3 to 6 standard speed on three main engines. r, Lieutenant, USN 6 to 9 Underway as before. C MANN, Lieutenant, USNR Underway as before. 9 to 12 h. S. THOMPSON, Lieutenant, USNR

15 to 18 Underway as before.

12 to 15

A. R. HERSH, Dr., Lieutenant, USA

Juliana T. ADAMS, LA (jg) USNR

18 to 21 Underway as before. 1824 Changed speed to standard on four main engines. 2000 Changed base course to 092°T.

Underway as before. 1200 Changed course to 085 T.

L. B. CRANN, Lieutenant, USNR

21 to 24 Underway as before.

R. S. THOMPSON, Lieutenant, USNR

Duell Sur

ID BROWN, Lt-Comdr. U.S.N. COMMANDI

EXAMINED:

D. S. N. R

386

December 19 RAZORBACK Wednesday UNITED STATES SHIP (Date) (Month) 0 to 3 Underway in accordance with Comtaskforce 17 operation order 383-44, steering base course 092 T, making standard speed on four main engines. L. T. ADAMS, Lt (Jg) USNR Underway as before. 0445 Commenced zigzagging.
A. R. HERSH, Jr., Lieutenant, USN 3 to 6 Underway as before. 6 to 9 Am Craw L. B. CHANN, Lieutenant, USNR 9 to 12 Underway as before. R. S. THOMPSON, Lieutenant, USNR 12 to 15 Underway as before. 1212 Aircraft contact on SD radar, distance 20 miles. 1215 Sighted aircraft bearing 080°T, distance 12 miles, position angle 5, approximate course 180°T. L. T. ADAMS, Lt(jg) USNR 15 to 18 Underway as before. 1600 Set all clocks ahead to zone -9 time. A. R. HERSH Jr., Lieutenant, USN Underway as before 1900 Changed base course to 160°T. 2000 Changed 18 to 21 base course to 090 Jrs Com L. B. CHANN, Lieutenant, USNR Underway as before. 2114 Hadar contact at 1300 yards, 231°T; put contact astern and increased speed to flank. 2120 Resumed base course 090°T, standard speed on four main engines, having determined target to be a phantom echo. 2130 Changed base course to 180°T. 2204 Submerged. 2249 Surfaced, steering base course 180°T, making standard speed on 21 to 24 three main engines. THOMPSON, Lieutenant, USNR

APPROVED:

DONALD BROWN, Lt-Comdr.

...

H. I. SMITH, Lieutenant

u. s. n. R navigator

COMMANDING

RAZORBACK Thursday December 19 44 UNITED STATES SHIP (Date) Underway in accordance with Comtaskforce 17 Operation Order #383-44, steering base course 180 T, making standard speed on three main engines, zigzagging by Arma Course Clock. O200 Changed base course to 110 T, zigzagging. O230 0 to 3 Submerged. T. ADAMS, Lt(jg) USNR Bubmerged as before. 0300 Surfaced, commenced zigzagging at standard speed on three main engines. 0448 Dived. 0456 Surfaced, commenced zigzagging at 3 to 6 standard speed on three main engines. Lieutenant, USN Made daily inspection of magazines and 6 to 9 Underway as before. 0855 Submerged. smokeless powder samples - conditions normal. nai.e L. B. CLANN, Lieutenant, USNA Surfaced, steering base course 110 T, 9 to 12 Underway, submerged as before. 1100 standard speed on four main engines. 1115 Changed base course to 125 T. THOMPSON, Lieutenant, USNR Underway as before. 1330 Aircraft contact on SD radar - 12 miles. 1335 Sighted friendly PB2Y, bearing 190 T, elevation 25 - distance 5 miles.

L. T. ADAMS, Kt(jg) USNR 12 to 15 Underway as before. 1500 Dived. 1723 Surfaced, commenced zigzagging at 15 to 18 standard speed on four main engines. A. R. HERSH. Dr., Lieutenant, USN Underway as before. 1830 Changed base course to 114 1. 1770 course to 125 T. 2000 Changed speed to standard on three main engines. 1830 Changed base course to 114 T. 1950 Changed base 18 to 21 L. B. CRANN, Lieutenant, USNR Underway as before. 21 to 24

Thomason S. THOMPSON, Lieutenant, USNR

EXAMINED:

Lieutenant

_, 1944

| | RAZORBACK | न | riday | 15 | December |
|--------------------|--|--|----------------------|----------------|---------------|
| UNITED STATES SHIP | IMZONDRON. | <u>-</u> | (Day) | (Date) | (Month) |
| eria | | | - | | |
| 3 0 to 3 | Underway in accordance with Comtaskforce base course 125°T by Arma course clock, mengines. 0123 Changed base course to 120 main engines. | aking standa | rd speed standard | on the spee | hree main |
| 3 to 6 | Underway as before. 0300 Changed base course to 140°T. 0434 Changed base courwith escort bearing 125°T, distant 7 mile PC-1599. 0500 Changed base course to 12 main engines. | ourse to 124 se to 132 T. so 0458 Ex 3 T, at stand R. HELISH, Jr | changed dard spe | calls ed on | with three |
| 6 to 9 | Underway as before. | B. CHANN, Lie | — eutenant | , USN | k |
| 9 to 12 | Underway as before. 1000 Commenced stees speeds conforming to channel through nets MARIANNAS ISLANDS. 1024 Passed through side to outboard USS ICEFISH port side USS | to TANAPAG 1 nets. 1058 | HARBOI., Moored | SAIPA starb | N, oard |
| 12 to 16 | Moored as before. 1200 Set all clocks al | head to -10 : | zone tim | e. enant | , USN |
| 16 to 20 | Moored as before. | HERSH Jar. | , Lieut | enant | , USN |
| 20 to 24 | Moored as before. 2250 Completed transferuss FULTON. | er of four Me Herah Ar. | | - | |

APPROVED:

C. DONALD BROWN, Lt-Comdr.

EXAMINED:

M. L. SMITH, Lieutenant

_u. s. nR

NAVIGATOR

NAVPERS-134 (REV. 1-44) DECK LOG-REMARKS SHEET RAZORBACK December Saturday UNITED STATES SHIP (Date) Moored starboard side to USS BALAO, inboard of USS KETE in nest on port side USS FULTON, anchored at N 13, TANAPAG HARBOR, SAIPAN, MARIANAS. Ships present: Various units of U. S. PACIFIC FLEET. 0 to 4 R. HERSH, Lr., Lieutenant, USN Moored as before. 0751 Underway, maneuvering to shift berths. 4 to 8 8 to 12 Underway as before. 0800 Mustered crew on stations - no absentees. 0835 Moored port side to starboard side of USS FULTON. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. A. R. HERSH, Jr., Lieutenant, USN 12 to 16 Moored as before. J. B. Chann, Lieutenant, USNR 16 to 20 Moored as before. Jr3 Cran L. B. CHANN, Licutement, USNR 20 to 24 Moored as before.

JB Cran L. B. CHANN, Lieutenant, USNR

COMMANDING.

EXAMINED:

PAGE.

NAVPERS-134 (REV. 1-44)

| INITED STATES SHIP | RAZORBACK | Sunday (Day) | 17 Decembe) (Date) (Month | |
|--------------------|---|--|------------------------------|-------|
| Dept. | | | | |
| 0 to 4 | Moored starboard side to starboard side of USS FULT | ON, TANAPA | AG HARBOR, SA | IPAN. |
| 4 to 8 | Moored as before. 1. B. GRANN, | | , USNR | |
| 8 to 12 | Moored as before. 0800 Mustered crew at quarters Made daily inspection of magazine and smokeless pow conditions normal. L. B. CRANN, | der sample | es - | |
| 12 to 15 | Moored as before. 1345 Made all preparations for 1412 Underway in accordance with CTF-17 Operation steering various courses at various speeds conforming TANAPAG HARBOR, SAIPAN. Captain and Navigator on beautiful ANDERSON, Lt(jg), conning. 3. Cantal L. B. Chann, 1. | Order #383 ng to char ridge, OOI | 8-44, inel of), W. C. | |
| 15 to 18 | Underway as before. 1505 Passed entrance buoys TAL abeam. Set course 268 T, speed standard on two main changed speed to standard on three main engines. L. B. CHANN, | n engines. ~~ | 1630 | |
| 18 to 21 | Underway as before. 2030 Left escort, AM-101; inconstandard on four main engines. R. S. THOMPSON | wdon N. Lieut en | ant. USNR | |
| 21 to 24 | Underway as before. 2106 Changed course to 315°T. | Jr., Lieut | enant, USN | |

APPROVED:

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

COMMANDING

S)

R. L. SMITH, Lieutenant

_u.s.n. R NAVIGATOR

| UNITED STATES | RAZORBACK | Monday 18 December |
|---------------|---|--|
| | | (Day) (Date) (Month) |
| 0 to 3 | Underway in accordance with Comtas 313 T, making standard speed on for challenges and calls with USS ICEF | kfor 17 operation order 383-44, steering cours ur main engines. Exchanged major war vessel ISH, SS367. |
| 3 to 6 | Underway as before. | In B. CRANN, Lieutenant, USNR |
| 6 to 9 | Underway as before. 0600 Submerge 320 T, making standard speed on the | ree main engines. R. S. THOMPSON, Lieutenant, USNR |
| 9 to 12 | samples - conditions normal. 1104 | Had brief contact on airplane radar at ad brief contact on airplane radar - |
| 12 to 15 | Underway as before. 1258 Had cont 35 miles - friendly. | act on airplane radar at distance of E. J. Johnson, Lt(jg) USN |
| 15 to 18 | Underway as before. 1600 Submerge 1705 Surfaced, commenced zigzaggir main engines. Set all clocks back | d. Held battle stations torpedo drill. g on base course, speed standard on three one hour to -9 zone time. L. B. CHANN, Lieutenant, USNR |
|]8 to 21 | Underway as before. Changed course main engines. | to 296°T, slowed to standard speed on two R. S. THOMPSON, Lieutenant, USNR |
| 21 to 24 | Underway as before. 2100 Made rad distant 5 miles. 2113 Lost contact | ar contact with vessel bearing 248 ^O T, |
| | | A. K. HERSH Jy., Lieutenant, USNR |

APPROVED! Burn

EXAMINED:

K. L. SMITH, Lieutenant

RAZORBACK Tuesday 19 (Date) December UNITED STATES SHIP Underway in accordance with Comtaskforce 17 operation order 383-44, steering course 294 pgc 296°T, making standard speed on two main engines. 0030 Changed course to 278°T. 0 to 3 L. Johnson, Lt(jg) USN M. CRANN, Lieutenant, USNA 3 to 6 Underway as before. Submerged. 0534 0620 Surfaced, steering 278 T, standard speed on 6 to 9 Submerged as before. two main engines. R. S. THOMPSON, Lieutenant, USNR 9 to 12 Underway as before. 0900 Made daily inspection of magazine and smokeless powdersamples - conditions normal. A. R. HENSH, Jr., Lieutenant, USN Underway as before. 1305 SD contact 34 miles, No ABK. Moved in to 8 miles. 1311 Submerged, changed course to 240° pgc. 1326 Changed course to 276° pgc. 1345 Surfaced. 1347 Ahead standard speed on two main engines, 12 to 15 steering by Arma Clock. L. Johnson, Lt(jg) USN 15 to 18 Jrs Cram Underway as before. L. B. ChANN, Lieutenant, USNN 2053 Changed base course to 279°T.
R. S. THOMPSON, Lieutenant, USNR 18 to 21 Underway as before. Underway as before. 2215 Ceased zigzagging.

A. R. HERSH, Tr., Lieutenant, USN 21 to 24

APPROVED:

DONALD BROWN, Lt-Comdr.

EXAMINED:

H. L. SMITH, Lieutenant

U. S. N. R NAVIGATOR

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NAVPERS-134 (REV. 1-44)

| UNITED STATES S | HIP RAZORBACK | Wedne | sday 20 | December , |
|-----------------|---|-----------------|-----------|------------------|
| | | | · (Date) | (Month) |
| 0 to 3 | Underway in accordance with Comtaskforce 17 operation base course 274 T, making standard speed on two main e by Arma Course Clock. O223 Changed steering to 272 p | ngines. | 0105 St | eering eering |
| 3 to 6 | Underway as before. 0544 Submerged. JB Cau L. B. CHANN, Li | | , USNR | · · |
| 6 to 9 | Submerged as before. 0619 Surfaced, steering course on two main engines. 0633 Changed base course to 279 R. S. THOMPSON, | T. | | |
| 9 to 12 | Underway as before. 0900 Made daily inspection of masamples - conditions normal. | | | |
| 12 to 15 | Underway as before. E. I. JOHNSON, | Lt(jg) U | SN | |
| 15 to 18 | Underway as before. J. B. Chann, Li. | | , USNR | |
| 18 to 21 | Underway as before. | دمبر Lieuten | ant, USNH | 1 |
| 21 to 24 | Underway as before. 2220 Changed base course to 277° | T. ., Lieut | enant, US | i. |

APPROVED

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

EXAMINED

R. L. SMITH, Lieutenant

U. S. NR

NAVIGATOR

RAZORBACK December, 19/ Underway in accordance with Comtaskforce 17 Operation order 383-44, steering base course 277 T, making standard speed on two main engines. 0 to 3 L. JOHNSON, Lt(jg) USN JB Crann, Lieutenant, USNR 3 to 6 Underway as before. Underway as before. 0615 Submerged. 0655 Surfaced, steering course 6 to 9 277°T, standard speed on two main engines. 0712 Changed base course to 270°T. R. S. THOMPSON, Lieutenant, USNik 9 to 12 Underway as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. A. R. Heish, Jr., Lieutenant, USN Underway as before. 1235 SD radar contact at 37 miles, no APR contact.

E. L. Johnson, Lt(jg) USN 12 to 15 '

15 to 18 Underway as before. JB C..... L. B. CRANN, Lieut enant, USNR

Underway as before. 1900 Increased speed to standard on three main engines. 2020 Changed base course to 2790. 18 to 21

R. S. THOMPSON, Lieutenant, USNR

Underway as before. 2150 Ceased zigzagging 21 to 24

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DONALD BROWN.

EXAMINED:

RAZORBACK Friday December UNITED STATES SHIP (Day) (Date) (Month) Underway in accordance with Comtaskforce 17 Operation Order #383-44, steering base 0 to 3 course 278°T, making standard speed on three main engines. L. CJOHNSON, Lt (jg) USN Underway as before. 0450 SJ radar contact on land, bearing 220°T, range 40 miles. 0512 Changed course to 315°T. 3 to 6. L. B. CRANN, Lieutenant, USNR Underway as before. 0610 Sighted Y'AMI ISLAND, bearing 235°T, range 32,000 yards. 0619 Changed course to 280°T. 0630 Submerged. 0705 Changed course to 270°T. 6 to 9 R. S. THOMPSON, Lieutenant, USNR Set all clocks back to $-8\frac{1}{2}$ zone time. 1014 Sighted 118 Sighted small boat bearing 175°T, distant 3 miles 9 to 12 Submerged as before. 1000 BETTY type enemy airplane. heading toward us. A. R. HERSH, Jr., Lieutenant, USN 12 to 15 Submerged as before. Inspected magazine flooding and sprinkling system conditions satisfactory. 1500 Set all clocks back to -8 zone time.

E. L. JOHNSON, Lt(jg) USN 15 to 18 Submerged as before. L. B. CRANN, Lieutenant, USN 1807 Surfaced, steering course 220°T, standard speed on 18 to 21 Submerged as before. two main engines. 1827 Submerged from strong aircraft radar contact. 1910 Surfaced, steering 220°T, standard speed on two main engines. 2000 Changed course to 270°T. 2043 Had momentary contact on radar at 10,000 yards, bearing changed rapidly. 2044 Lost contact. R. S. THOMPSON, Lieutenant, USNR Underway as before. 2320 Changed base course to 325°T.

A.R. HERSH Jr., Lieutenant, USN

21 to 24

EXAMINED:

Lieutenant

| UNITED STATES SHIP_ | RAZORBACK | Saturday | 23 (Date) | December |
|---------------------|---|--|----------------------------------|---------------------------|
| · · · · · · | | | | |
| 0 to 3 | Underway in accordance with Comtaskforce 17 operations base course 325 T by Arma course clock, making standering 0202 Radar contact, bearing 028°T, range yards. 0204 Changed course to 022°T, standard specific course to 031°T. 0247 Changed course Arma clock, standard speed on two main engines fall Johnson | lard speed 29,000 ya ed on four e to 310 ⁰ T lse contac | on two rds and main e , steer t. | main 35,000 ngines. |
| 3 to 6 | Underway as before. 0427 Changed course to 037°T. standard on four main engines. 0432 Changed course speed to standard on two main engines. 0454 Dived L. B. CLANN, 1 | to 068°T for APK c | . Chan | ged . |
| 6 to 9 | Submerged as before. 0610 Changed course to 090 T. | V, Lieuten | ant, US | NH: |
| 9 to 12 | Submerged as before. 0900 Made daily inspection of smokeless powder samples - conditions normal. A. R. HERSH, | _ | | USN . |
| 12 to 15 | Submerged as before. 1200 Changed course to 178 pg | c, 180°T. Lt(jg) U | en | |
| 15 to 18 | Submerged as before: 1500 Changed course to 370 T. L. B. CRANN, I | | , USNR | · • |
| 18 to 21 | Submerged as before. 1800 Changed course to 325°T. steering course 270°T, standard speed on two main er | gines. | | - |
| . 21 to 24 | Underway as before. 2100 Changed base course to 22 | O°T. D., Lieute | enant, I | JSN |

APPROVED

DONALD BROWN, It-Comdr. U.S.N

R. A. SMITH, Lieutenant

Sunday 24 UNITED STATES SHIP (Month) (Day) (Date) Underway in agcordance with Comtaskforce 17 Operation Order #383-44. 2349 Changed 0 to 3 course to 075 T, steering by Arma Clock. Making standard speed on two main engines.

E. L. JOHNSON, Lt(jg) USN 0544 Changed course to 088 pgc, 090 T. 3 to 6 Underway as before. 0536 Submerged. B. CRANN, Lieutenant, USNR 6 to 9 Submerged as before. R.S. THOMPSON, Lieutenant, USNR Submerged as before. 0900 Made daily inspection of magazine and smokeless powder 9 to 12 samples - conditions normal. A. R. HERSH, Jr., Lieutenant, USN Submerged as before. 1417 Sighted BETTY, bearing 039°T, distance 5 miles. 12 to 15 15 to 18 Submerged as before. Jr3 C.
L. B. ChANN, Lieutenant, USNR Submerged as before. 1813 Surfaced, steering230°T, standard speed on two main engines. 1819 Changed base course to 160°T. 1915 Increased speed to full on three main engines. 1917 Changed base course to 125°T. 1920 Changed base course to 130°T. 2015 Increased speed to full on 18 to 21 four main engines. R. S. THOMPSON, Lieutenant, USNR Underway as before. 2325 Slowed to standard speed on four main engines. 21 to 24 A R. HERSH, Jr., Lieutenant, USN

APPROVED:

C. DONALD BROWN, Lt-Comdr.

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EXAMINED

R. L. SMITH, Lieutehant

COMMANDING

RAZORBACK Monday December UNITED STATES SHIP Underway in accordance with Comtaskforce 17 operation order 383-44, steBring base course 130°T, making standard speed on four main engines. Oll5 Changed course to 155°T. O202 Steering 155°T by Arma Clock. O245 Steering 155°T. O250 Steering 153°pgc, 155°T by Arma Clock.

E. L. JOHNSON, Lt(jg) USN 0 to 3 Underway as before, 0338 Changed base course to 170°T. 0415 Changed base course to 045°T. 0421 APR contact signal strength 6 1/2. 0423 SJ-1 Radar contact 075°T, 8,000 yards - submerged. 0450 Changed course to 122°T. 0500 Surfaced. 0504 Changed base course to 047°T, speed standard on two main engines. 0520 Speed standard on four main engines. 3 to 6 standard on two main engines. 0520 Speed standard on four main engines. 0523 APR contact strength 7 - submerged. 0527 Changed base course to 125 T. B Cran L. B. CHANN, Lieutenant, USNR 6 to 9 Submerged as before. THOMPSON, Lieutenant, USNR Submerged as before. 0940 Sighted enemy merchantmen, bearing 304°T, distant 7 miles. 0943 Battle stations torpedo. Commenced maneuvering 9 to 12 on various courses at various speeds. 1133 Secured from battle stations. 1140 Set course 110 T. Jrf, Lieutenant, USN Submerged as before. 1214 Changed course to 127°T. 1217 Changed course to 12 to 15 E. L. Johnson, Lt(18) USN 15 to 18 L. B. GRANN, Lieutenant, USNR Submerged as before. Submerged as before. 1820 Surfaced, steering base course 270 T, standard speed on two main engines. 1831 Changed base course to 325°T.

R. S. THOMPSON, Lieutenant, USNR 18 to 21 Underway as before 2147 Changed base course to 270°T. 2230 Changed base course to 340°T. 2230 Changed base course to 340°T. 21 to 24

APPROVED!

Lt-Comdr.

EXAMINED

Lieutenant

| UNITED STATE | ES SHIP | RAZORBACK | Tuesday 20 December |
|--------------|--------------------|--|--|
| | | | (Day) (Date) (Month) |
| | | • | |
| 0 to 3 | by Arm | | force 17 operation order 383-44, steering 340 d on two main engines. CO47 Changed course T. L. JOHNSON, Lt(jg) USN |
| 3 to 6 | | ay as before. 0405 Changed 1 d course to 000 T. | base course to 270°T. 0526 Submerged. 0530 J.S. Chalin, Lieutenant, USNR |
| 6 to 9 | Submer | ged as before. | R. S. THOMPSON, Lieutenant, USNR |
| 9 to 12 | | ged as before. 0900 Made das samples - conditions normal. | AR Hersh J., Lieutenant, USN |
| 12 to 15 | Submer | ged as before. | E.L. Johnson, Lt(jg) USN |
| 15 to 18 | Submerg | ged as before. | L. B. CHANN, Lieutenant, USNR |
| 18 to 21 | | ged as before. 1800 Surfaced on two main engines. | |
| 21 to 24 | Underwa Changed | y as before. 2113 Changed of course to 180°T, zigzafiging. | course to 127°T. 2117 Lost contact. 2300 Changed base course to 127°T. A. R. Hersh, Jr., Lieutenant, USN |

Approvedi Amell Brun

EXAMINED

R. L. SMITH, Lieutenant

Wednesday December 19_ UNITED STATES SHIP RAZORBACK (Date) (Month) Underway in accordance with Comtaskforce 17 operation order 383-44, on base course 127 T, steering by Arma course clock, making standard speed on two main engines. 0 to 3 O211 Changed base course to 140°T by Arma clock. L. JOHNSON, Lt(jg) USN Underway as before. 0307 Changed base course to 150°T. 0529 Submerged.

L. B. CRANN, Lieutenant, USNR 3 to 6 2 01 3 6 to 9 Submerged as before. R. S. THOMPSON, Lieutenant, USNR e builde 9 to 12 Submerged as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. SH, Jr., Lieutenant, USN 12 to 15 Submerged as before. JOHNSON, Lt(jg) USN Submerged as before. 1740 Changed base course to 330 T.

L. B. CHANN, Lieutenant, USNN 15 to 18 Submerged as before. 1755 Changed base course to 000 T. 1804 Surfaced. 1807 Changed base course to 312 T, making standard speed on two main engines. 1812 Changed base course to 000 T. 1830 Changed base course to 330 T. 1915 Changed base course to 290 T. 18 to 21. R. S. THOMPSON, Lieutenant, USNR Underway as before. 2118 Changed course to 350°T , ceased zigzagging. 2328 Changed course to 000°T . 21 to 24

APPROVED

EXAMINED

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

R. C. SMITH, Lieutenant

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

| UNITED STATES S | HAZorBACK | Thursday 28 | December , 19_44 |
|-----------------|---|--|--|
| 11 | | (Day) | (Date) (Month) |
| 6.3 | | | |
| THE STATE OF | • | · . | |
| 0 to 3 | Underway in accordance with Comtask: 000°T, making standard speed on two challenge and reply, and call message | main engines. 0241 Exchan | nged major war vessel , by radar. |
| 3 to 6 | Undgrway as before. 0330 Changed of 130 T. 0538 Submerged. | course to 060°T. 0458 Chan | ged course to |
| | | L. B. CRANN, Lieutenant, | USNR |
| 6 to 9 | Submerged as before. 0708 Sighted bearing 110°T, range 6 to 8 miles. turning toward, bearing 280°T, range watched unidentified aircraft bearing a northwesterly course. 0845 Sight bearing 298 T, range 4 to 5 miles. | 0729 Sighted what appeared a l mile. Identified as a king 165°T, range 8 to 10 mile | to be same plane WFE. 0820 s, disappeared on heasterly course, |
| 9 to 12 | Submerged as before. 0900 Made dat powder samples - conditions normal. | A. R. HERSH, Ef, Lieute | nant, USN |
| 12 to 15 | Submerged as before. | E. L. Johnson, Lt(jg) US | |
| 15 to 18 | Submerged as before. | 13 Cunu L. B. CHANN, Lieutenant, | USNR |
| | Submerged as before. 1804 Surfaced two main engines. 1845 Changed cour on two main engines to put radar cor 1848 Slowed to full speed on two er 1905 Exchanged recognition signals Changed course to 270°T, slowed to scourse to 090°T. | stact bearing 327°T, range 9 gines. 1900 Changed cours by radar with USS SEGUNDO (| 350 yards astern. e to 250 T. SS398). 1910 . 2040 Changed |
| 21 to 24 | Underway as before. 2235 Changed b | ase course to ClOOT. | |
| • | • | AR Heroh J | nanh : UCN |

APPROVED:

DONALD BROWN Lt-Comdr. U. S. N

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R. S. SMITH, Lieutenant

EXAMINED:

December (Month) RAZORBACK <u>Friday</u> UNITED STATES SHIP

Underway in accordance with Comtaskforce 17 operations order 383-44, steering base course Q10 T by Arma Clock, making standard speed on two main engines. 0104 Changed course to 090 T. 0200 Changed course to 010 T. 0231 Changed base course to 115 T. 0230 APR contact strength 5 - SJ contact bearing 170 T, 26,000 yards. 0240 SJ contact now 21,000 yards. APR strength 4. 0243 Lost contact on SJ and APR. 0 to 3 JOHNSON, Lt(jg) USN Underway as before. 0330 Changed base course to 090 T. 0453 Submerged on 3 to 6 saturated APR contact. 0530 Changed course to 120°T.

L. B. C. ANN, Lieutenant, USNR Submerged as before. 0815 Changed course to 210 T. THOMPSON, Lieutenant, USNR 9 to 12 Submerged as before. 1100 Changed course to 000°T. 1130 Made daily inspection of magazine and smokeless powder samples - conditions normal.

A. R. HERSH, Jr., Lieutenant, USN 12 to 15 Submerged as before. VJOHNSON, Lt(jg) USN 15 to 18 Submerged as before. L. B. CHANN, Lieutenant, USNA Submerged as before. 1802 Surfaced, steering base course 150°T, making standard speed on two main engines. 1919 Changed base course to 100°T. 18 to 21 R. S. THOMPSON, Lieutenant, USNk Underway as before. 2110 Changed base course to 130°T. 2300 Changed base course to 090°T. 2323 Changed base course to 270°T. 21 to 24

A. R. Harsh, Gr., Lieutenant, USN

COMMANDING

| UNITED STATE | ES SHIP HAZORBACK | Saturday 30 (Day) (Date) | Decembe: |
|--------------|--|---|---|
| 141 | (egg) | | |
| 0 to 3 | Underway in accordance with Comtaskforce 17 Orbase course 270 T, by Arma Clock, making stand 0030 Changed base course to 290 T. 0048 Changed T. 0102 Submerged for APR contact, strendsteering course 300 T by Arma Clock, speed states of the course to 270 T. | dard speed on two main en anged base course to 2980 agth 7. 0148 Surfaced, andard on two main engine | gines. pgc, commenced |
| | E. 1/ | Johnson, Lt(jg) USN | |
| 3 to 6 | Underway as before. 0330 Changed base course 0520 Changed course to 190°T. | | ged. |
| 6 to 9 | Submerged as before. | HOMPSON, Lieutenant, USN | ır. |
| 9 to 12 | Submerged as before. 0900 Made daily inspect powder samples - conditions normal. 0935 Sigairplane of unidentified type, bearing 040 T, enemy merchant ship convoy of four large vesse type escorts, bearing 250 T, distant 5 miles. courses and speeds, maneuvering to close convotorpedo. | hted single engine float distant 6 miles. 1047 dls and at least two dest. Commenced steering vari | type Sighted royer |
| | | Hersh, J. Lieutemant, U | JSN . |
| 12 to 15 | Underway, submerged as before, tracking convoy forward. 1302 Fired four torpedoes from after craft. 1345 Fired two torpedoes forward nest stations. 1416 Signted Chidori, bearing 2750. | nest. 1308 Sighted ai 1405 Secured from Bat JOHNSON, Lt(jg) USN | loes r- |
| 15 to 18 | | se to 348°T, commenced zinged speed to full on two 328°T, range 12 miles. 1658 Submerged. 1706 | igzagging o main 1632 o o g convoy |
| 18 to 21 | Underway as before, making end-around on three-Battle stations, torpedo. 1932 Submerged ahea torpedoes forward, three at each of two furthes terrific explosion, followed by depth charges a 2011 Fired four fish aft. 2013 Sighted explocommenced evasive action at periscope depth. 2 stations, torpedo. | ad of convoy. 1958 Fire st targets. 2000 Heard and additional explosions psion through periscope. | one 2014 |
| 21 to 24 | Submerged as before. 2120 Lost sight of destribearing 257°T. 2201 Surfaced. Commenced zigg on three main engines, base course 150°T. 2235 on three main engines. 2325 Changed base course R.R. | agging at standard speed 5 Changed speed to full | 1 |

APPROVED

EXAMINED:

C. DONALD BROWN, It-Comdr. u.s.n.

COMMANDING.

h. L. SMITH, Lieutenant

J. S. N. R NAVIGATOR

DECK LOG—REMARKS SHEET

RAZORBACK Sunday 31 December UNITED STATES SHIP (Date) Chie a ; Underway in accordance with Comtaskforce 17 operations order 383-44, steering base course 090 T by Arma Course Clock, making full speed on three main engines. 0132 Changed base course to 080°T. 0137 Steering 080°T, making full speed on four main engines. 0 to 3 E. L. JOHNSON JOHNSON, Lt(jg) USN ' 3 to 6 Underway as before. 713 Cram L. B. CRANN, Lieutenant, USNR Underway as before. 6 to 9. THOMPSON, Lieutenant, USNK 9 to 12 Underway as before. 0900 Made daily inspection of magazine and smokeless powder samples - conditions normal. R. Hersh, A., Lieutenant, USN 12 to 15 Underway as before. E. L. JOHNSON, Lt(jg) USN 15 to 18 Underway as before. 1718 Changed speed to standard on two main engines. L. B. Chann, Lieutenant, USNR 18 to 21 Underway as before. S. THOMPSON, Lieutemant, USNR Underway as before. 2217 Changed base course to 075°T. 2330 Changed 21 to 24 Underway as before. 2217 Changed base could be speed to standard on three main engines, ceased zigzagging.

A. R. HERSH Jr., Lieutenant, USN

APPROVED

DONALD BROWN Lt-Comdr.

EXAMINED:

R.A. SMITH, Lieutenant