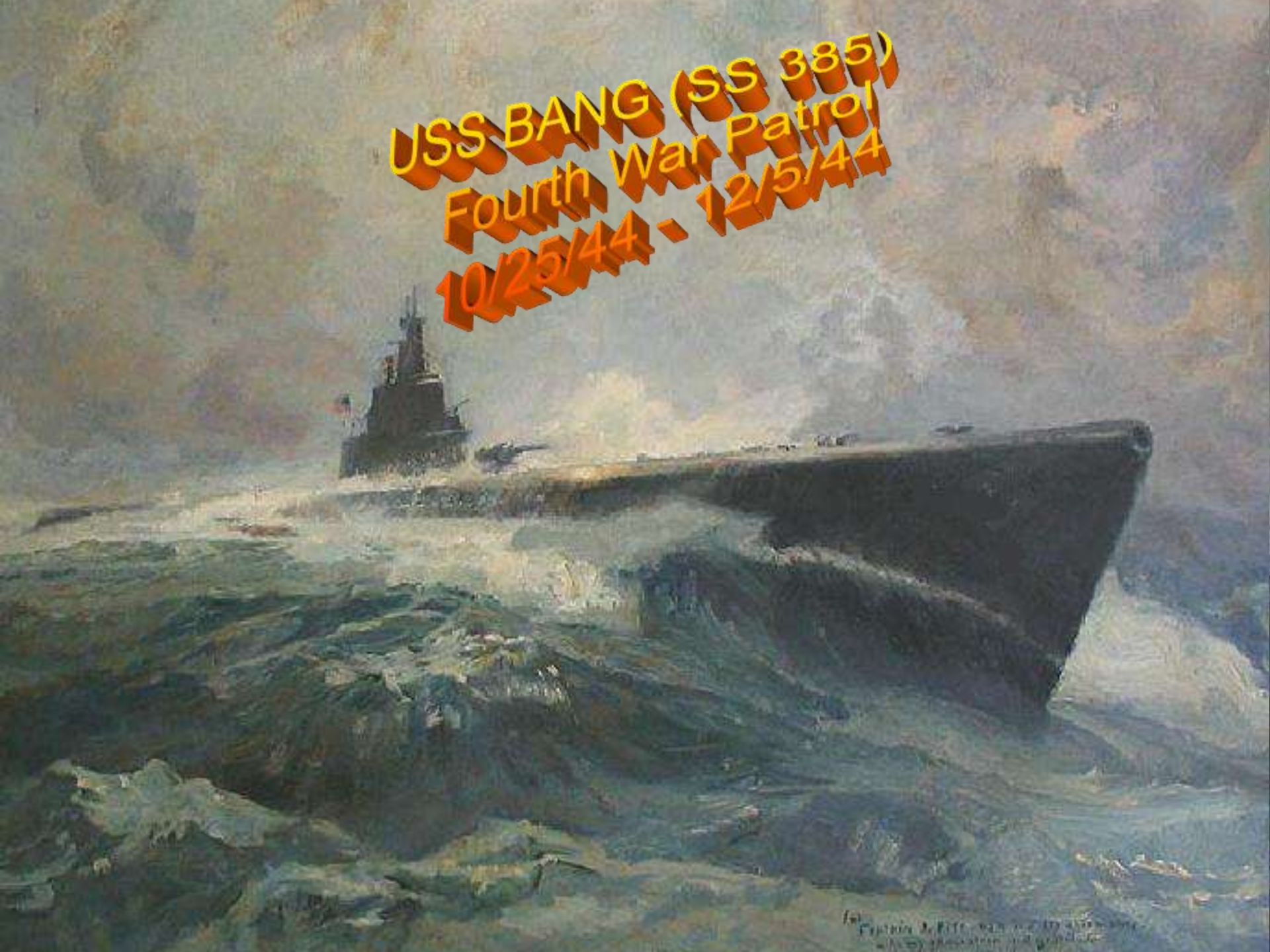


USS BANG (SS 385)
Fourth War Patrol
10/25/44 - 12/5/44



(6) Captain J. Pitt, with a 12/5/44
at the end of the war



Start: Midway
End: Pearl
Days: 59
Miles Steamed: 10,288
Location: Northeast Formosa and Southern Nansei Shoto
Attacks: 7
Sunk: 4 ships - 18,400 Tons
Damaged: 2 ships - 4,050 Tons
Torpedoes Fired: 24
Awards: Navy Cross, Submarine Combat Insignia

132 COPY

U.S.S. BANG (SS385)
Care of Fleet Post Office
San Francisco, California

SS385/A16
Serial 036

DECLASSIFIED - DOD DIR. 5200.8
of 27 Sep 58
BY 92C DATE 4/22/77

DECLASSIFIED

5 December 1944.

From: The Commanding Officer.
 To: The Commander in Chief, U. S. Fleet.
 Via: (1) The Commander Submarine Division FORTY SIX.
 (2) The Commander Submarine Squadron FOUR.
 (3) The Commander Submarine Force, U.S. PACIFIC Fleet.
 (4) The Commander in Chief, U.S. PACIFIC Fleet.

Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

Enclosures: (A) Subject Report.
 (B) Track Chart (for ConSubPac only).

1. Enclosure (A) covering the FOURTH War Patrol of this vessel conducted in the area to the Northeast of Formosa and the Southern part of the Nansei Shoto during the period 25 October 1944 to 5 December 1944, is forwarded herewith.

A. R. Gallaher
 A. R. GALLAHER.

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

(A). PROLOGUE

Arrived Midway on 29 September 1944, from THIRD War Patrol. From 30 September to 24 October, refit, training and loading. Refit by Submarine Base Midway and Submarine Division 61 Relief Crew was excellent. Ready for sea 25 October.

(B). NARRATIVE

25 October

- 1530(Y) Departed Midway enroute Saipan in accordance with ComTaskForce 17's Operation Order No. 353-44, in company with U.S.S. REDFISH and U.S.S. SHAD as coordinated attack group. Commander L.D. McGREGOR, Jr., USN., Commanding Officer of U.S.S. REDFISH, Task Group Commander. Crossed International Date Line, set calendar ahead one day.

27-31 October

Normal cruising, training dives and drills. All times KING unless other-wise stated.

1 November

- 0855 Sighted plane (Plane Contact No.1) with zero angle on the bow. Submerged when range closed to 8 miles.
- 0910 Surfaced.
- 1300 Sighted plane (Plane Contact No.2) with zero angle on the bow. Submerged when range closed to 8 miles.
- 1315 Surfaced. Sighted same plane (Plane Contact No.3) a few minutes later with large angle on the bow, distance 17 miles. Plane did not close.

2 November

- 1135 Numerous friendly plane contacts during the morning. Arrived Saipan, moored to U.S.S. FULTON. Received fuel and effected minor voyage repairs.

3 November

- 0816 Underway enroute area in company with U.S.S. REDFISH and U.S.S. SHAD.

4 November

- 1115 Passed U.S.S. BESUGO on opposite course. Exchanged recognition signals and calls.
- 1820 Passed U.S.S. COD on opposite course. Exchanged recognition signals and calls.

5 November

- 1520 Sighted plane (Plane Contact No.4) distance 12 miles. Submerged.
- 1340 Surfaced.

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

- 1530 Sighted submarine with friendly silhouette by high periscope, on opposite course. Submarine dove a few minutes later. Changed base course 50 degrees away.
- 1620 Submarine surfaced 7000 yards on port beam. Exchanged recognition signals and call signs with U.S.S. SMOOK.

5 November

- 2100 Entered area.

7 November

- 0520 Sighted plane (Plane Contact No. 5) banking to come in on port quarter. SJ radar contact at 7000 yards at same time. Submerged; conducting submerged patrol.
- 1930 Surfaced.

8-9 November

Patrolling track prescribed by task group commander. Submerged during daylight.

10 November

- 0732 Submerged.
- 1856 Surfaced.
- 1915 Detected radar interference on 157 mcs. on APR. This interference swept across us several times, then steadied on us for two minutes at strength five. Believed this to be aircraft radar, so at
- 1920 Submerged.
- 1945 Surfaced. Same radar interference soon steady on us.
- 1950 Submerged.
- 2047 Surfaced. Same radar interference soon steady on us again. A check on the pulse rate indicated that this was probably shore based radar and not plane radar, as at first believed.

11 November

- Wind and sea picking up. Between 0200 and 0350 the barometer dropped from 29.64 to 29.44.
- 0352 Submerged. Effective patrol impossible in state 7-8 seas, and was afraid of damage due to shipping water aboard. Spent most of the day at 150 feet. Several attempts to come up to periscope depth were unsuccessful.
- 1840 Surfaced. Sea state 5.

12 November

- 0737 Submerged.
- 1835 Surfaced. Sea state 4.

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

13 November

0810 Submerged.
1530 Surfaced. Low visibility and state 4 sea, made periscope patrol ineffective.
1621 Sighted plane (Plane Contact No. 6) distance 7 miles. Submerged.
1640 Surfaced.

14 November

0735 Submerged.
1830 Surfaced.
2100 SJ radar contact at 26,500 yards (Ship Contact No. 1). Headed for target at standard speed. Only one pip. Soon made out mast lights and then two red crosses and a lighted green band along ship's entire length. This was a properly marked hospital ship on steady course 055^{OT}, speed 11 knots. Exercised both radar tracking parties for one hour.

15 November

0737 Submerged.
1200 Sighted plane (Plane Contact No. 7) distance 8 miles.
1902 Surfaced.

16-17 November

Patrolled submerged during daylight.

18 November

0715 Submerged.
1340 Sighted plane (Plane Contact No. 8) distance 8 miles.
1936 Surfaced.
2005 Sighted HOKA SHO light, bearing 350^{OT}, distance 18 miles.

19 November

0730 Submerged.
1937 Surfaced.

20 November

0728 Submerged.
0950 Sighted plane (Plane Contact No. 9) distance 9 miles.
1530 Sighted plane (Plane Contact No. 10) distance 8 miles.
1612 Sighted formation of 3 planes (Plane Contact No. 11) distance 10 miles.
1934 Surfaced.

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

21 November

0720 Submerged.
1933 Surfaced.

22 November

0729 Submerged.
1415 Surfaced.

2128 Received contact report from REDFISH. Set course to intercept at full Speed.
2207 Received contact report of same convoy from SHAD.

2225 SJ Radar contact (Ship Contact No. 2), one pip, range 21,000 yards. Closing the range developed 5 pips, and later 8 pips. Adjusted position directly ahead of convoy, and had radar contact with the REDFISH on the port bow of the convoy and the SHAD on the starboard bow of the convoy. Received message from task group commander to attack at discretion. Made several attempts to go in but each time my maneuvers had me overtaking and closing the SHAD or REDFISH. Decided to trail ahead until they had attacked. The sky was 75% overcast with a half moon sometimes obscured and sometimes not. Moon set due at 0045.

2323 Received message from SHAD that she was making periscope depth approach.

2342 Sighted red rocket from direction of convoy, and immediately afterwards heard depth charging. Pulled over to starboard bow of convoy and commenced closing for attack.

23 November

0007 Received message from REDFISH that she was attacking from port. Pulled out further to starboard. Convoy made big zig to the right. This zig evidently threw the REDFISH out of position, because at

0020 Received message that her attack had been delayed and that she was regaining position ahead. I was in perfect position and the moon was obscured by clouds. Had eight pips on the PPL and the convoy looked like two columns of three marus each, with one escort on starboard bow and one on starboard quarter. Other escorts may have been looking for SHAD. On next zig left came in astern of bow escort and at

0032 Commenced firing three bow torpedoes at leading ship in starboard column, track angle 80 degree starboard, torpedo run 2200 yards (Attack No. 1).

0032:50 Commenced firing three bow torpedoes at second ship in starboard column, track angle 65 degree starboard, torpedo run 1700 yards (Attack No. 2). Heard 4 hits and saw hits in two ships while swinging around for a stern shot. Intended firing stern tubes at third ship in starboard column, but the second ship was by far the largest in the convoy (she looked twice as big as any of the others), and whereas the first ship was already going down she seemed to be on an even keel and undamaged, but was loaded and naturally low in the water, so at

0034:50 Commenced firing four stern torpedoes at her (Attack No. 3). Tried unsuccessfully to check fire before the fourth torpedo was fired, because the bow torpedoes had already done the job. She went down on a near even keel before the stern torpedoes reached her, and disappeared from visual and radar sight at 2400 yards. But our luck was in, as she was in line

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Subject: U.S.S. BAMG (SS385) - Report of FOURTH War Patrol.

- with the third ship in the port column and at 0038:12 heard and saw one hit in this medium freighter, range 3100 yards. Opened out to 8000 yards and reloaded while gaining position for next attack. Now had five pips on the radar, looked like one escort ahead of two marus in column, one escort astern and another well over on the port beam. Intended firing three bow torpedoes at each maru, and was keeping a zero silhouette to the leading escort during the approach. Just before reaching the firing position, this escort zigged toward me. I was afraid she would be in too close before I could complete firing so shifted setup to her and at
- 0147 Commenced firing three torpedoes at leading escort, track angle 50° starboard, torpedo run 1800 yards (Attack No. 4). Shifted setup and at
- 0148 Commenced firing three bow torpedoes at leading maru, a small or medium freighter, track angle 60° starboard, torpedo run 2000 yards (Attack No. 5). Swung left and at
- 0150:40 Commenced firing four stern torpedoes at second maru, a medium freighter, track angle 80° starboard, torpedo run 2100 yards (Attack No. 6). No hits were seen or heard from the bow torpedoes. Three hits were heard from the stern torpedoes. The misses on the escort were probably due to the torpedoes being set too deep. I had 6 feet set as I originally intended to fire at the freighter, and failed to change the depth setting when I shifted to the escort just before firing. The misses on the first freighter were probably due to unknown control errors. Just before firing the stern tubes at the second freighter she was observed to be smoking at several places along her length with a prominent column coming up near her stern, which led me to believe at first that she was a tanker. She may have been a ship that was damaged in a previous attack - there were no flames, just excessive smoke, and she was making the convoy speed of seven knots on an even keel. The three hits finished her off, as she disappeared in less than a minute.
- After firing the stern shots, I found myself in a tight spot. The leading escort was heading back toward us and the stern escort was coming up fast. I ran out at flank speed with one escort 1700 yards on the starboard beam and the other 2000 yards on the port beam. After about ten minutes one escort reversed course, affording me an opportunity to put the other astern with a clear field ahead.
- Subsequent to each attack, and between attacks, there was much depth charging, gunfire and signalling, but none of it was directed specifically at us.
- Opened out to 8000 yards and reloaded four remaining torpedoes forward before starting in for the next attack. Could now find only three pips which looked like a maru with an escort close on the port quarter, and another escort well over on the port beam. Upon closing for observation they all looked like escorts. The one that I thought to be a maru tracked out to be (my best estimate; not certain) an ITSUKUSHIMA class minelayer. Started approach on her and at
- 0314 Commenced firing four bow torpedoes, track angle 60° starboard, torpedo run 2300 yards (Attack No. 7). Heard two hits, and saw large flash on target. She disappeared from visual and radar sight at 2800 yards. About one minute later heard loud sustained explosions, probably her depth charges going off. Near escort ran around frantically, then opened out.

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

- with 180° angle on the bow. Reported to group commander that I could find only two escorts remaining of convoy, then set course to the position of my first attack, intending to dive there at dawn and surface later in the day to search for survivors.
- 0734 Submerged at position of first attack.
- 0840 Sighted small sampan.
- 0918 Surfaced. Thought perhaps sampan had picked up some survivors from the previous night's attack. Set sampan on fire with 20 m.m. and .30 cal. Crew consisted of three men, two boys and a woman. All but the woman jumped overboard. Picked up two of the men and a boy. All seemed to be unintelligent fishermen so brought them back close aboard their burning sampan, and let them go back aboard to put the fire out if they could. Continued search for convoy survivors on the surface.
- 1050 Sighted plane (Plane Contact No. 12) distance 10 miles. Submerged. Continued search submerged for the rest of the day with no results. In late afternoon visibility decreased, and heard two sets of pings, but ships were never in sight.
- 2015 Surfaced and set course for Pearl.

24-26 November

Enroute Pearl.

27 November

- 1005 Sighted plane (Plane Contact No. 13) distance 15 miles with zero angle on the bow. Submerged when range closed to 8 miles.
- 1023 Surfaced.
- 2010 Exchanged recognition signals and call signs with U.S.S. PARCHE on parallel course, by means of radar interference.

28 November - 3 December

Enroute Pearl.

4 December

Celebrated first anniversary of commissioning of the U.S.S. BANG.

5 December

Moored Pearl Harbor.

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

(C) WEATHER

Seasonal weather was encountered throughout.

(D) TIDAL INFORMATION

In general, currents agreed with those shown on the large scale charts.

(E) NAVIGATIONAL AIDS

Hoka Sho light north of Formosa was observed at 18 miles with following characteristics: On 2 seconds, off 15 seconds, period 17 seconds. Samucho Kaku light on northeastern Formosa was observed at 20 miles with following characteristics: On 2 seconds, off 5 seconds, on 2 seconds, off 12 seconds, period 21 seconds.

(F) SHIP CONTACTS

<u>NO.</u>	<u>TIME</u> <u>DATE</u>	<u>LAT.</u> <u>LONG.</u>	<u>TYPE(S)</u>	<u>INITIAL</u> <u>RANGE</u> <u>(YARDS)</u>	<u>EST.</u> <u>COURSE</u> <u>SPEED</u>	<u>HOW</u> <u>CONT.</u>	<u>REMARKS</u>
1.	2100(K) 14 Nov.	25-34.5N 125-02E	AH	26,500	055 11	Radar	Properly lighted Lookout Hospital Ship.
2.	2225(K) 22 Nov.	24-16N 122-30E	*Convoy	21,000	115 7.5	Radar	Attacks No. 1, 2,3,4,5,6, & 7.

*Convoy consisted of one large and five medium freighters with three or four escorts.

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

(G) AIRCRAFT CONTACTS

CONTACT NO.	1	2	3	4	5	6	7
DATE	11/1	11/1	11/1	11/5	11/7	11/13	11/23
S ZONE	-10	-10	-10	-10	-10	-10	-10
U TIME	0855	1300	1420	1320	0520	1621	1200
B LAT.	17-40N	17-27N	17-25N	21-02N	26-41N	25-17N	27-53N
M LONG.	149-40E	148-50E	148-45E	135-58E	132-51E	123-14E	120-20E
A R SPEED	15	15	15	15	15	8	2
I N COURSE	256	255	250	302	303	070	21
E TRIM	Surf	Surf	Surf	Surf	Surf	Surf	Per
*MINUTES	0.0	0.0	5	0.0	0.0	0.0	0.0
NUMBER	1	1	1	1	1	3	1
A I TYPE	PB2Y	PB2Y	PB2Y	Unk	Unk	Unk	TOPSY
R MISSION	Pat	Pat	Pat	Pat	Pat	Pat	Trans
C R CONTACTED	Lookout	Lookout	Lookout	Lookout	Lookout	Lookout	Per
A INITIAL							
F RANGE	15	16	17	12	3.5	7	8
T ELEVATION							
ANGLE	3	4	5	3	3	3	5
XRANGE AND BEARING	UNK	UNK	UNK	ND	267R 3.5	UNK	ND
SEA STATE:							
C (BEAUFORT)	3	2	2	1	2	3	2
O DIRECTION,							
N RELATIVE	090	090	032	020	000	345	290
D VISIBILITY,							
I MILES	30	30	30	20	5	10	6
T (CLOUDS)							
I HEIGHT FT.	1600	1600	1600	4000	10,000	600	600
O PERCENT							
N OVERCAST	30	30	30	80	10	100	90
S (MOON)							
BEARING (R)	-	-	-	-	-	-	-

*Minutes since last SD radar search.

XRange and relative bearing of plane when it detected submarine.

Type camouflage this patrol - Light Gray.

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

(G) AIRCRAFT CONTACTS (Continued)

CONTACT NO.	8	9	10	11	12	13
DATE	11/18	11/20	11/20	11/20	11/23	11/27
S ZONE	-10	-10	-10	-10	-10	-10
U TIME	1340	0950	1530	1612	1050	1005
B LAT.	25-23N	25-20N	25-16N	25-15N	24-20N	22-07N
M LONG.	122-03E	122-08E	122-11E	122-12.5E	122-38E	144-17E
A R SPEED	3	2	2	2	9	15
I N COURSE	120	300	140	140	050	095
E TRIM	Per	Per	Per	Per	Surf	Surf
*MINUTES	0.0	0.0	0.0	0.0	0.0	0.0
NUMBER	1	1	1	3	1	1
A TYPE	UNK	BETTY	MAVIS	1 Fighter 2 BETTY	UNK	UNK
I PROBABLE MISSION	Pat	Pat	Pat	Pat	Pat	Pat
C HOW CONTACTED	Per	Per	Per	Per	Lookout	Lookout
A INITIAL RANGE	8	9	8	10	10	7
F T ELEVATION ANGLE	3	5	2	5	4	3
RANGE AND BEARING	ND	ND	ND	ND	UNK	UNK
SEA STATE: C (BEAUFORT)	2	3	3	3	2	3
O DIRECTION, N RELATIVE	040	105	100	100	040	055
D VISIBILITY, I MILES	12	15	15	15	15	15
T (CLOUDS) I HEIGHT FT.	1600	1200	1200	1500	1200	1600
O PERCENT N OVERCAST	70	80	90	70	100	40
S (MOON) BEARING (R)	-	-	-	-	-	-

*Minutes since last SD radar search.

%Range and relative bearing of plane when it detected submarine.

Type camouflage this patrol - Light Gray.

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

(H) ATTACK DATA

U.S.S. BANG (SS385)

TORPEDO ATTACK NO. 1

PATROL NO. 4

Time: 0032 Date: 23 Nov. 1944 Lat: 24°23'5N Long: 122°41'E

TARGET DATA - DAMAGE INFLICTED

Description: Convoy consisting of one large loaded AK, seen at 1800 yards with overcast half moon, much larger than any other ship in convoy, an outstanding pip throughout the approach; five medium AK's; and three or four escorts, one similar to the ITSUKUSHIMA (CM-4) class minelayer, ONI 41-42, and the others probably CHILDORI class. Fired at one medium AK.

Ships Sunk: One medium AK. EU.

Damage determined by: Saw and heard two hits. Saw target disappear visually and from radar screen.

Target Draft: 21 Feet. Course: 115° Speed: ▼ Range: 2350

OWN SHIP DATA

Speed: 6.0 Course: 025° Depth: Surface Angle: 0°

FIRE CONTROL AND TORPEDO DATA

Type Attack: Night surface. Used radar ranges and TBT bearings. Fired three torpedoes spread 3-0-3 from aft forward by means of the offset knob on the TDC.

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

ATTACK NO. 1

Tubes Fired	#6	#5	#4
Track Angle	80S	84S	88S
Gyro-Angle	350	354	358
Depth Set (ft.)	6	6	6
Power	-	-	-
Hit or Miss.		2 Hits	
Erratic	No	No	No
Mark Torpedo	18-1	18-1	18-1
Serial No.	56440	56223	56610
Actuation Set		CONTACT	
Actuation Actual		CONTACT	
Mark War Head	18-2	18-2	18-2
Serial No.	2381	2103	2155
Mark Exploder	8-5	8-5	8-5
Serial No.	8282	9960	3020
Explosive	TORPEX	TORPEX	TORPEX
Firing Interval	0	10	10
Type Spread	3L	0	3R
Sea Conditions	Choppy; State 2-3		
Overhaul Activity	Submarine Base, Midway.		
REMARKS:	Miss due to spread used.		

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

U.S.S. BANG (SS385)

TORPEDO ATTACK NO. 2

PATROL NO. 4

Time: 0032-50

Date: 23 Nov. 1944

Lat: 24°23'5N

Long: 122°41'E

TARGET DATA - DAMAGE INFLICTED

Description: Same convoy as Attack No. 1. Fired at the large AK.

Ship Sunk: One large AK. Similar to NANKAI MARU. Page 77 of ONI 208J
(Revised). EU.

Damage determined by: Saw and heard two hits. Saw target sink and disappear
from radar screen.

Target Draft: 28 Feet

Course: 115°

Speed: 7

Range: 2000

OWN SHIP DATA

Speed: 8

Course: 009°

Depth: Surface

Angle: 0°

FIRE CONTROL AND TORPEDO DATA

Type Attack: Night surface. Used radar ranges and TBT bearings. Fired three
torpedoes spread 3-0-3 from aft forward by means of the offset
knob on the TDC.

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

ATTACK NO. 2

Tube Fired	#3	#2	#1
Track Angle	65S	69S	73S
Gyro Angle	351	355	359
Depth Set (ft.)	6	6	6
Power	-	-	-
Hit or Miss		2 Hits	
Erratic	No	No	No
Mark Torpedo	18-1	18-1	18-1
Serial No.	56429	55761	55534
Actuation Set		CONTACT	
Actuation Actual		CONTACT	
Mark War Head	18-2	18-2	18-2
Serial No.	2077	1561	2065
Mark Exploder	8-5	8-5	8-5
Serial No.	9578	8088	9756
Explosive	TORPEX	TORPEX	TORPEX
Firing Interval	0	10	10
Type Spread	3L	0	3R
Sea Conditions	Choppy; State 2-3		
Overhaul Activity	Submarine Base, Midway.		
REMARKS:	Miss due to spread used.		

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

U.S.S. BANG (SS385)

TORPEDO ATTACK NO. 3

PATROL NO. 4

Time: 0034-50

Date: 23 Nov. 1944

Lat: 24°23'15N

Long: 122°41E

TARGET DATA - DAMAGE INFLICTED

Description: Same convoy as Attack No. 1. Fired at same large AK as Attack No. 2, overlapping with one medium AK.

Ship Damaged or

Probably Sunk: One medium AK. EU.

Damage determined by: Saw and heard one hit.

Target Draft:	28 Feet	Course: 115°	Speed: 7	Range: 3100
	21 Feet			

OWN SHIP DATA

Speed: 12 Course: 200° Depth: Surface Angle: 0°

FIRE CONTROL AND TORPEDO DATA

Type Attack: Night surface. Used radar ranges and TBT bearings. Fired four torpedoes at large AK with medium AK overlapping, spread 3-1-1-3 from aft forward by means of the offset knob on the TDC.

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

ATTACK NO. 3

Tube Fired	#10	#9	#8	#7
Track Angle	85S	88S	91S	93S
Gyro Angle	194	197	200	202
Depth Set (ft.)	6	6	6	6
Power	-	-	-	-
Hit or Miss	Hit	Miss	Miss	Miss
Erratic	No	No	No	No
Mark Torpedo	18-1	18-1	18-1	18-1
Serial No.	55769	56338	55657	55833
Actuation Set		CONTACT		
Actuation Actual		CONTACT		
Mark War Head	18-2	18-2	18-2	18-2
Serial No.	2110	1999	3222	2120
Mark Exploder	8-5	8-5	8-5	8-5
Serial No.	8296	9092	9007	8120
Explosive	TORPEX	TORPEX	TORPEX	TORPEX
Firing Interval	0	10	10	10
Type Spread	3L	1L	1R	3R
Sea Conditions	Choppy; State 2-3			
Overhaul Activity	Submarine Base, Midway.			

REMARKS: Misses due to target sinking before torpedoes reached track. Hit was in an overlapping target.

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

U.S.S. BANG (SS385)

TORPEDO ATTACK NO. 4

PATROL NO. 4

Time: 0147

Date: 23 Nov, 1944

Lat: 24°24'N

Long: 122°45'E

TARGET DATA - DAMAGE INFLICTED

Description: Same convoy as Attack No. 1. Fired at one escort, probably CHIDORI type.

Ships Sunk
or Damaged: None.

Target Draft: 6'9"

Course: 130°

Speed: 7

Range: 2000

O/N SHIP DATA

Speed: 5

Course: 350°

Depth: Surface

Angle: 0°

FIRE CONTROL AND TORPEDO DATA

Type Attack: Night surface. Used radar ranges and TBT bearings. Fired three torpedoes spread 3-0-3 from aft forward by means of the offset knob on the TDC.

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Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

ATTACK NO. 4

Tube Fired	#6	#5	#4
Track Angle	50S	54S	58S
Gyro Angle	010	014	018
Depth Set (ft.)	6	6	6
Power	-	-	-
Hit or Miss	Miss	Miss	Miss
Erratic	No	No	No
Mark Torpedo	18	18	18
Serial No.	53815	54073	54177
Actuation Set		CONTACT	
Actuation Actual		CONTACT	
Mark War Head	18	18	18
Serial No.	702	1018	542
Mark Exploder	4-7	4-7	4-7
Serial No.	16147	16218	17040
Explosive	TORPEX	TORPEX	TORPEX
Firing Interval	0	10	10
Type Spread	3L	0	3R
Sea Conditions	Choppy; State 2-3		
Overhaul Activity	Submarine Base, Midway.		
REMARKS:	Misses probably due to depth setting too deep.		

CONFIDENTIAL

Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

U.S.S. BANG (SS385)

TORPEDO ATTACK NO. 5

PATROL NO. 4

Time: 0148 Date: 23 Nov. 1944 Lat: 24°24'N Long: 122°45'E

TARGET DATA - DAMAGE INFLICTED

Description: Same convoy as Attack No. 1. Fired at one medium AK.

Ships Sunk
or Damaged: None.

Target Draft: 21 Feet Course: 100° Speed: 7 Range: 2100

OWN SHIP DATA

Speed: 7 Course: 350° Depth: Surface Angle: 0°

FIRE CONTROL AND TORPEDO DATA

Type Attack: Night surface. Used radar ranges and TBT bearings. Fired three torpedoes spread 3-0-3 from aft forward by means of the offset knob on the TDC.

CONFIDENTIAL

Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

ATTACK NO. 5

Tube Fired	#3	#2	#1
Track Angle	60S	64S	68S
Gyro Angle	350	354	358
Depth Set (ft.)	6	6	6
Power	-	-	-
Hit or Miss	Miss	Miss	Miss
Erratic	No	No	No
Mark Torpedo	18	18	18
Serial No.	54172	53839	53462
Actuation Set		CONTACT	
Actuation Actual		CONTACT	
Mark War Head	18	18	18
Serial No.	736	213	608
Mark Exploder	4-7	4-7	4-7
Serial No.	16893	16706	16394
Explosive	TORPEX	TORPEX	TORPEX
Firing Interval	0	10	10
Type Spread	3L	0	3R
Sea Conditions	Choppy; State 2-3		
Overhaul Activity	Submarine Base, Midway.		
REMARKS:	Misses probably due to unknown control errors.		

CONFIDENTIAL

Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

U.S.S. BANG (SS385)

TORPEDO ATTACK NO. 6

PATROL NO. 4

Time: 0150-40 Date: 23 Nov. 1944 Lat: 24°24'N Long: 122°45'E

TARGET DATA - DAMAGE INFLICTED

Description: Same convoy as Attack No. 1. Fired at one medium AK.

Ships Sunk: One medium AK. EU.

Damage determined by: Heard three hits, saw target sink and disappear from radar screen.

Target Draft: 21 Feet Course: 100° Speed: 7 Range: 2200

OWN SHIP DATA

Speed: 12 Course: 150° Depth: Surface Angle: 0°

FIRE CONTROL AND TORPEDO DATA

Type Attack: Night surface. Used radar ranges and TBT bearings. Fired four torpedoes spread 3-1-1-3 from aft forward by means of the offset knob on the TDC.

CONFIDENTIAL

Subject: U.S.S. B.JNG (SS385) - Report of FOURTH War Patrol.

ATTACK NO. 6

Tube Fired	#10	#9	#8	#7
Track Angle	80S	83S	86S	89S
Gyro Angle	210	213	216	219
Depth Set (ft.)	6	6	6	6
Power	-	-	-	-
Hit or Miss	3 Hits			
Erratic	No	No	No	No
Mark Torpedo	18-1	18-1	18-1	18-1
Serial No.	56386	55816	55721	54737
Actuation Set	CONTACT			
Actuation Actual	CONTACT			
Mark War Head	18-2	18-2	18-2	18-2
Serial No.	2389	2164	2435	2094
Mark Exploder	8-5	8-5	8-5	8-5
Serial No.	8749	9787	9934	9756
Explosive	TORPEX	TORPEX	TORPEX	TORPEX
Firing Interval	0	10	10	10
Type Spread	3L	1L	1R	3R
Sea Conditions	Choppy; State 2-3			
Overhaul Activity	Submarine Base, Midway.			
REMARKS:	Miss due to spread used.			

CONFIDENTIAL

Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

U.S.S. BANG (SS385)

TORPEDO ATTACK NO. 7

PATROL NO. 4

Time: 0314

Date: 23 Nov. 1944

Lat: 24°12'N

Long: 122°53'E

TARGET DATA - DAMAGE INFLICTED

Description: Same convoy as Attack No. 1. Fired at escort, best estimate
ITSUKUSHIMA (CM-4) class minesweep. ONI 41-42.

Ships Sunk: One minesweep. EU.

Damage determined by: Heard two hits. Saw flash in target and target
disappear immediately afterward from visual and
radar sight.

Target Draft: 10'1"

Course: 105°

Speed: 7

Range: 2550

OWN SHIP DATA

Speed: 8

Course: 335°

Depth: Surface

Angle: 0°

FIRE CONTROL AND TORPEDO DATA

Type Attack: Night surface. Used radar ranges and TBT bearings. Fired four
torpedoes spread 1L, 1R, 4L and 4R by means of the offset knob
on the TDC. The greater spread on the wing torpedoes was used
to take care of probable zig during torpedo run.

CONFIDENTIAL

Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

ATTACK NO. 7

Tube Fired	#4	#3	#2	#1
Track Angle	60S	63S	60S	68S
Gyro Angle	010	013	010	016
Depth Set (ft.)	3	3	3	3
Power	-	-	-	-
Hit or Miss	Hit	Hit	Miss	Miss
Erratic	No	No	No	No
Mark Torpedo	18	18	18	18
Serial No.	53960	54187	53926	53184
Actuation Set			CONTACT	
Actuation Actual			CONTACT	
Mark War Head	18	18	18	18
Serial No.	361	252	944	84
Mark Exploder	4-7	4-7	4-7	4-7
Serial No.	16679	16535	16327	16183
Explosive	TORPEX	TORPEX	TORPEX	TORPEX
Firing Interval	0	10	10	10
Type Spread	1L	1R	4L	4R
Sea Conditions	Choppy; State 2-3			
Overhaul Activity	Submarine Base, Midway.			
REMARKS:	Misses due to spread used.			

CONFIDENTIAL

Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

(I) MINES

No remarks.

(J) ANTI-SUBMARINE MEASURES AND EVASION TACTICS

The only contact with the enemy was on the night of 23 November when the REDFISH, SHAD and BANG made attacks on an enemy convoy. During the overall time of the attacks there was much flashing of light, gunfire and depth charging by the escorts, but I do not believe the enemy ever knew where the BANG was. Evasion was effected on the surface after each attack. After one attack the BANG had to run out at flank speed between two escorts, range of 1500 yards at one time. It is hard to believe that they did not see my wake, but each escort probably thought that I was the other one.

(K) MAJOR DEFECTS AND DAMAGE

The following defects were noted:

(a) ENGINEERING

1. Repeated failures of the oil seal rings on the after bearing, #1 generator, allowed oil to soak into armature and field windings, and to permeate mica insulation. Rings were removed at Saipan, and shaft found to be burred slightly. Shaft was honed smooth, and rings renewed. Oil continued to enter the generator, causing considerable sparking at the commutator, necessitating renewal of brushes. Ship's force removed forward seal ring and lined ring with felt to retard oil flow. A very thick coating of glyptal was discovered between the bearing cap and base. This coating was removed and the bearing cap replaced. Oil leak was stopped and generator operated satisfactorily for the remainder of the patrol.
2. Both reduction gears continue to increase in apparent noise level, the starboard reduction gear being the noisier of the two. Considerable loud thumpings and squealings emanate from the vicinity of the stern bearings and reduction gears on both port and starboard sides at irregular intervals.

(b) ELECTRICAL

1. Thirteen days after leaving Midway, one rotor of the master gyro became noisy and lost vacuum. One rotor bearing was found to be burned out. This bearing was replaced, and the gyro returned to normal operation.
2. The Portsmouth Type "B" controllers continue to be a source of constant trouble and irritation. Arcing and kicking out of the trim pump and hydraulic plant controllers at uncomfortable and sometimes critical times are a continual cause for concern.

CONFIDENTIAL

Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

(K) MAJOR DEFECTS AND DAMAGES (Continued)

3. One bearing on #2 air conditioning plant motor developed a high noise and overheated. This bearing was replaced, and plant resumed satisfactory operation.

(c) SOUND

1. Distortion is apparent in the Bass Boost and Flat positions in the JP-1 amplifier filter unit.
2. The cable connection to the hydrophone jack was broken five times. A more suitable connection would be of advantage.

(d) ORDNANCE

1. The looseness of the shutters forward, caused by wear in the roller tracks, is more pronounced than ever. Excessive clearance causes a great deal of banging around the forward torpedo room when underway on the surface and at high speeds submerged.
2. Eight hydrogen burners burned out at odd times during the patrol. These were easily replaced, and no other difficulties were encountered with the full load of 1k 1B's.

(L) RADIO

Radio reception on new submarine Fox was fair to good on all frequencies. The frequency shift from 9515 Kc., to 9090 Kcs., resulted in no apparent difference in reception. Communication on the wolfpack frequency was good.

(M) RADAR

SJ-1 Radar: This radar gave excellent results again on this patrol. There were very few material failures, most work being normal for maintenance. These few failures were as follows:

1. Changed V1 and V2 (6SN7) in transmitter unit and adjusted "On-time".
2. Replaced L301 (0 to 500 volt meter) in control unit.
3. Replaced L301, two 5U4G tubes and 5SQ7 tube in the "A" regulated voltage rectifier.
4. Replaced 5D21 and 721A tubes, and crystal in transmitter and retuned gear.
5. Replaced two 6AC7 tubes in FPI video circuit.

CONFIDENTIAL

Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

(M) RADAR (Continued)

Sample ranges received this patrol:

Formosa	110,000 yards
Convoy	21,000 yards
Island (750 ft.)	60,000 yards
Submarine	12,000 yards
Hospital Ship	26,500 yards

A range scale was constructed for the "Main" sweep on the "A" scope of the SJ Radar. It was very useful in determining ranges beyond the Range Unit Step.

IFF - No difficulties. Operation very good.

APR - See section on APR under Section "U".

SD-4 Radar - Satisfactory except will not pick up low flying planes.

(N) SOUND GEAR AND SOUND CONDITIONS

No sound targets were encountered.

(O) DENSITY LAYERS

DATE and TIME (GCT)	POSITION	ISOTHERMAL		NEGATIVE GRADIENT	
		TO FEET	DEGREES	TO FEET	DEGREES
15 Oct. 1944 0030	23°06'5N	160	78	300	66
	177°22'W	400	66		
17 Oct. 1944 2110	28°06'5N	160	78	440	62
	177°22'W				
30 Oct. 1944 0325	21°09'N	160	83	320	72
	161°30'E	420	72		
9 Nov. 1944 2130	24°20'N	80	83	450	76
	129°29'E				

(P) HEALTH, FOOD, AND HABITABILITY

Good.

CONFIDENTIAL

Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

(Q) PERSONNEL

The calibre of the new men received from SubDiv 61 at Midway was above average.

Number of men on board during patrol	75
Number of men qualified at start of patrol	55
Number of men qualified at end of patrol	71
Number of unqualified men making their first patrol	13
Number of men advanced in rating during patrol	9

(R) MILES STEAMED - FUEL USED

	<u>MILES</u>	<u>GALLONS</u>
Midway to Saipan	2500	27,500
Saipan to Area	1174	15,070
In Area	2628	22,700
Area to Pearl	3986	60,875

(S) DURATION

Days Midway to Saipan	8
Days Saipan to Area	3
Days in Area	19
Days Area to Pearl	12
Days Submerged	17

(T) FACTORS OF ENDURANCE REMAINING

Torpedoes	0
Fuel	25,000 gallons
Provisions	30 days
Personnel	Indeterminate

Limiting factor this patrol - Expenditure of torpedoes.

(U) RADAR AND RADIO COUNTERMEASURES

None encountered or employed.

CONFIDENTIAL

Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

(U) RADAR AND RADIO COUNTERMEASURES (Continued)

The following intercepts were received on this war patrol. The intercept receiver and the pulse analyzer were used to good advantage, but a directional antenna to be used in conjunction with the non-directional installation would make the information gained much more valuable. The intercepts analyzed are as follows: (All times given are KING.)

Nov. 7 (1950) 100 MC., 800 pps., 50 u sec. Rotation 2 minutes 10 seconds, $25^{\circ}42'N - 127^{\circ}30'E$. The pulse was very weak with a beam width of about 45° .

Pulse shape: 

Nov. 11 (1915) 157 MC., 500 pps., 10 u sec. Rotation was approximately 6 minutes 30 seconds and must have been hand because of the irregularity of sweep. $24^{\circ}13'N - 122^{\circ}46'E$. This pulse was very straight leading edge but seemed to have an oscillation on the trailing edge.

Pulse shape: 

Nov. 12 (0015) 100 MC., 750 pps., 16 u sec. Irregular rotation. $24^{\circ}28'N - 122^{\circ}40'E$. The received signal was never very strong or steady on us. The frequency of reception would rise about 1 or 2 megacycles toward the end and the pulse shape would change. This station secured about 0500.

Pulse shape: 

Nov. 12 (0136) 98 MC., 800 pps., 50 u sec. Irregular rotation. $24^{\circ}30.5'N - 122^{\circ}38'E$. This pulse was quite weak. It seemed to bear on us for 5 to 10 seconds and then leave for about the same length of time. These intervals were very indefinite. The frequency of this pulse was definitely lower than that of Nov. 12 (0015).

Pulse shape: 

Nov. 12 (0600) 102 MC., 800 pps., 20 u sec. Irregular rotation. $24^{\circ}45'N - 122^{\circ}38'E$. This radar station has the same characteristics as the 0015 intercept. It started up shortly after the other secured.

Pulse shape: 

CONFIDENTIAL

Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

(U) RADAR AND RADIO COUNTERMEASURES (Continued)

Nov. 17 (2000) 157 MC., 500 pps., 10 u sec. No apparent rotation. $24^{\circ}43'N$ $122^{\circ}33'E$. This was a strong signal which stayed on us for 15 to 20 minutes, after we surfaced. The pulse on the analyzer then grew weaker but stayed fairly steady. This cycle would then be again repeated.


Pulse shape: 

Nov. 18 (0300) 103 MC., 750 pps., 40 u sec. Irregular rotation. $25^{\circ}23'N$ $122^{\circ}12'E$. This intercept has the appearance of being operated for short periods of time of from 10 to 15 minutes with about the same interval between. It may be the pulse that is made up of frequencies of from 101 to 104 MC., as shown by the shape below.

Pulse shape: 

Nov. 18 (2030) Same as Nov. 18 (0300) intercept. $25^{\circ}21'N - 122^{\circ}10'E$.

Nov. 18 (2125) 98 MC., 1000 pps., Irregular rotation. $25^{\circ}18'N - 122^{\circ}10'E$. This is another pulse that was tuned over a broad range of frequency. The pulse would change shape and lengthen as the frequency was increased. At the lowest frequency the pulse was rather sharp.

Pulse shape: 

Nov. 18 (2200) 162 MC., 400 pps., 7 u sec. Irregular rotation. $25^{\circ}20'N$ $122^{\circ}10'E$. The tuning was quite sharp.

Nov. 19 (2100) Same as Nov. 18 (0300) intercept. $25^{\circ}20'N - 122^{\circ}10'E$.

Nov. 19 (2150) Same as Nov. 18 (2200) intercept. $25^{\circ}21'N - 122^{\circ}11'E$.

Nov. 20 (2005) Same as Nov. 18 (0300) intercept. $25^{\circ}20'N - 122^{\circ}10'E$.

Nov. 21 (1950) 120 MC., 1700 pps., (pulsating), similar to noise. No rotation. $24^{\circ}20'N - 121^{\circ}59'E$. No single pulse was apparent but rather a series of pulses across the screen of the cathode ray tube. The tuning was very sharp on this frequency.

Pulse shape: 

CONFIDENTIAL

Subject: U.S.S. BANG (SS385) - Report of FOURTH War Patrol.

(U) RADAR AND RADIO COUNTERMEASURES (Continued)

Nov. 21 (2015) 167 MC., 100 pps., 4 u sec. No rotation. $24^{\circ}22'N - 122^{\circ}07'E$.
The pulse was rather ragged but the signal was strong.

Pulse shape:



Nov. 23 (1015) 268 MC., 1250 pps. The search was of the sweeping type used
by aircraft. $24^{\circ}24'N - 122^{\circ}36'E$. This signal was so weak
that a pulse shape could not be accurately taken. 35 minutes
later a plane arrived and forced us to dive.

Continuous watch was kept on the APR when on the surface in the area.

(V) REMARKS

A full load of Mk. 18 torpedoes was carried. No particular difficulties
were encountered. Speed correction for depth setting recommended in ComSubPac's
dispatch 091013 of November was used.

The BANG received no personal mail at Midway for the nine days prior to
departure on patrol. During this time three mail planes arrived from Pearl with
mail for the Base and Tender, but none for the submarines refitting there. Mail
is so important a morale factor that every effort should be made to get as much
as possible to the boats during their refits. Other than the lack of mail I
have only the highest praise for Midway as a refit base. Everyone felt their
spirit of welcome and interest in our recreation and comfort. The personal
interest and daily supervision of our refit division commander, Commander J. C.
BROACH, USN., contributed materially to the excellent refit obtained by this
ship.

FC5-4/A16-3

Serial: 0550

14 December 1944.

C O N F I D E N T I A L

FIRST ENDORSEMENT to
USS BANG (SS385) Report
of Fourth War Patrol.

From: The Commander Submarine Squadron FOUR.
To : The Commander-in-Chief, UNITED STATES FLEET.
Via : (1) The Commander Submarine Force, PACIFIC
FLEET.
(2) The Commander-in-Chief, U.S. PACIFIC
FLEET.

Subject: U.S.S. BANG (SS385) - Report of Fourth War
Patrol.

1. Following a refit at Midway, the U.S.S. BANG, on 25 October 1944, departed to conduct a War Patrol as a unit of a coordinated attack group along with the U.S.S. REDFISH and U.S.S. SHAD, with Commander L. D. MCGREGOR, JR., U.S.N., Commanding Officer of the U.S.S. REDFISH, as Task Group Commander. The patrol, in the area northeast of Formosa, was of forty-two days' duration, and terminated by expenditure of all torpedoes.

2. On 23 November 1944, upon receipt of contact reports from the U.S.S. REDFISH and U.S.S. SHAD, the U.S.S. BANG closed a convoy which consisted of five Marus and three escorts, and, during the night, made seven surface attacks, for ten hits, out of a total of twenty-four Mark 18 torpedoes fired.

Attacks Nos. 1 and 2 were classic examples of the divided fire problem that were beautifully executed. Three torpedoes from the bow tubes were fired at a medium AK (Attack No. 1), and three more torpedoes from bow tubes were fired at a large AK (Attack No. 2). Two hits were observed on each target. Both targets were observed to sink.

Attack No. 3. After firing three bow tubes at the large AK in Attack No. 2, the U.S.S. BANG swung around to bring her stern tubes to bear to finish off this important target. Four stern

SUBMARINE SQUADRON FOUR
Fleet Post Office
San Francisco, California

FC5-4/116-3

Serial: 0550

14 December 1944.

C O N F I D E N T I A L

FIRST ENDORSEMENT to
USS BANG (SS385) Report
of Fourth War Patrol. (Cont'd.)

tubes were fired, but the target was observed to sink prior to the first torpedo reaching the target. However, a lucky hit was made in an overlapping medium AK.

Attack No. 4. A firing set-up was made on a merchantman, but a zig toward by an escort necessitated a quick change. Set-up was shifted to the escort and three bow torpedoes were fired at what was believed to be a Chidori-type escort. All missed, probably due to the six-foot depth setting that was intended for the Maru.

Attack No. 5. Immediately after attack No. 4, the U.S.S. BANG shifted set-up to target originally intended for Attack No. 4, a medium AK. Three bow tubes were fired. All missed.

Attack No. 6. Following rapidly attack No. 5, the U.S.S. BANG swung left to bring her stern tubes to bear, and fired the rest at a medium AK. Three hits were observed, and the target sank in less than one minute. Following this attack the escorts closed in on the U.S.S. BANG, so she retired at flank speed to reload. Three radar pips remained. Never out of contact, the U.S.S. BANG then turned back and commenced an approach on what was believed to be an Itsukushima class minelayer.

Attack No. 7. Fired the remaining four torpedoes from the bow tubes at the minelayer for two hits. Target sank rapidly.

It is noteworthy that these seven attacks were all made within a period of two hours and forty-five minutes.

3. The Commander Submarine Squadron FOUR heartily congratulates the Commanding Officer, Officers, and crew of

SUBMARINE SQUADRON FOUR
Fleet Post Office
San Francisco, California

FC5-4/A16-3

Serial: 0550

14 December 1944.

C O N F I D E N T I A L

FIRST ENDORSEMENT to
U.S.S. BANG (SS385) Report
of Fourth War Patrol. (Cont'd.)

the U.S.S. BANG for the destruction of this convoy and resulting loss to the enemy.

4. It is recommended that the U.S.S. BANG be credited with the following:

SUNK

1 - Medium AK(EU), 4,000 tons
1 - Large AK(EU), 8,400 tons
1 - Medium AK(EU), 4,000 tons
1 - CM(EU), 2,000 tons

Total Sunk 18,400 tons

DAMAGED

1 - Medium AK(EU), 4,000 tons

Total Damaged 4,000 tons

Total Sunk or Damaged 22,400 tons.

W. V. O'Regan
W. V. O'REGAN.

FF12-10/A16-3(15)

SUBMARINE FORCE, PACIFIC FLEET

neh

Serial 02527

Care of Fleet Post Office,
San Francisco, California,
13 December 1944.

CONFIDENTIAL

SECOND ENDORSEMENT to
BANG Report of Fourth
War Patrol.

NOTE: THIS REPORT WILL BE
DESTROYED PRIOR TO
ENTERING PATROL AREA.

COMSUBSPAC PATROL REPORT NO. 606.
U.S.S. BANG - FOURTH WAR PATROL.

From: The Commander Submarine Force, Pacific Fleet.
To : The Commander-in-Chief, United States Fleet.
Via : The Commander-in-Chief, U. S. Pacific Fleet.
Subject: U.S.S. BANG (Sa385) - Report of Fourth War Patrol.
(25 October to 5 December 1944).

1. The fourth war patrol of the BANG was conducted in areas northeast of Formosa and in the southern part of Nansei Shoto. The BANG was one of three submarines forming a coordinated attack group.

2. This was the fourth successive and highly successful war patrol for the BANG. In typical BANG fashion this fighting submarine attacked an enemy convoy of five freighters and three or four escort vessels, the first contact worthy of torpedoes, and in less than three hours made seven night radar torpedo attacks in which all torpedoes were expended. These extremely aggressive and well planned attacks eliminated the better part of the convoy. The BANG had the unique experience of firing torpedoes at a ship which she had previously damaged, only to have that ship sink prior to the arrival of the torpedoes. One of these torpedoes, however, hit another target in the far column. The BANG also damaged a sampan by gun fire.

3. Award of the submarine Combat Insignia for this patrol is authorized.

4. The Commander Submarine Force, Pacific Fleet, congratulates the commanding officer, officers, and crew for this highly successful patrol, another in the outstanding record of the BANG. In four patrols she has sunk fifteen vessels for a total of 94,000 tons and damaged six for a total of 36,350 tons. For this fourth patrol, the BANG is credited with having inflicted the following damage upon the enemy:

S U N K

1 - Medium Freighter (EU)	- 4,000 tons (Attack No. 1)
1 - Large Freighter (NANKAI MARU Class) (EC)	- 8,400 tons (Attack No. 2)
1 - Medium Freighter (EU)	- 4,000 tons (Attack No. 3)
1 - Linerlayer (ITSUKUSHIMA Class)(EC)	- 2,000 tons (Attack No. 7)

TOTAL SUNK

18,400 tons

EXTRA - ORIGINAL
SERG. _____ MICRO _____
PHOTO-LAB _____ OP-16 _____
RETURN TO F-4253

SUBMARINE FORCE, PACIFIC FLEET

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FF12-10/A16-3(15)

Serial 02027

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13 December 1944.CONFIDENTIALSECOND ENDORSEMENT to
BANG Report of Fourth
War Patrol.NOTE: THIS REPORT WILL BE
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ENTERING PATROL AREA.COMSUBSPAC PATROL REPORT NO. 606.
U.S.S. BANG - FOURTH WAR PATROL.Subject: U.S.S. BANG (SS385) - Report of Fourth War Patrol.
(25 October to 5 December 1944).D A M A G E D

1 - Medium Freighter (EU)	- 4,000 tons (Attack No. 3)
1 - Sampan (EU)	- <u>50</u> tons (Gun Attack No. 1)

TOTAL DAMAGED 4,050 tons

TOTAL SUNK AND DAMAGED 22,450 tons

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G. A. LOCKWOOD, Jr.

E. L. HYNES *hch*E. L. HYNES, 2nd,
Flag Secretary.