

Hawgfish Scuttlebutt



Razorback Base
United States Submarine Veterans

July, 2015

COMINT [Communications Intelligence] Contributions to Submarine Warfare in WW II

17 June 1947

Vice Admiral C. [Charles] A. Lockwood USN

Commander Submarine Forces, Pacific

17 June 1947

(Reprinted from: Naval History and Heritage Command <http://www.history.navy.mil/>)

From: Vice Admiral C. A. Lockwood, USN.

To: Chief of Naval Communications.

Subject: Communication Intelligence against the Japanese in World War II.

Enclosure: (A) Statement as to value of subject activity.

1. I am enclosing herewith a statement as to the value of communication intelligence against the Japanese in World War II.
 2. I feel that this is a very modest outline and that there are undoubtedly a very great number of incidents and examples which time and memory have obliterated. However, I hope that there will be no thought of curtailing the operations of this activity, or of eliminating research and training in peacetime of a facility which must of necessity be immediately available on the approach of war.
- C. A. Lockwood

Contribution of Communication Intelligence to the Success of Submarine Operations Against the Japanese in World War II.

The contribution to the defeat of Japan in World War II by United States submarines is a matter of record. More than two-thirds of the entire Japanese merchant marine and numerous warships, including some of every category, were sunk. These sinkings resulted, by mid-1944, in isolation of Japan from her overseas sources of raw materials and petroleum, with far reaching effects

(Continued on Page 3.)

Table of Contents			
Communications Intelligence Contributions	Pages 1, 3 & 4	Birthdays	Page 7
Commander's Corner	Page 2	Booster Club	Page 7
In Memory of Kathy Woods	Page 2	Treasurer's Report	Page 7
Lost Boats	Page 4	Oops!	Page 7
Navy Hymn	Page 5	Base Activities	Page 8
Miscellaneous Pictures	Page 6	Notes of Interest	Page 8
Some of "100 things I can't (or couldn't) do in the Navy"	Page 6	Base Officers	Page 8
Matthews Barge and Mark Taylor	Page 6		

To perpetuate the memory of our shipmates who gave their lives in the pursuit of their duties while serving their country. That their dedication, deeds, and supreme sacrifice be a constant source of motivation toward greater accomplishments. Pledge loyalty and patriotism to the United States of America and its Constitution.



Base



Commander

Shipmates,

I hope everyone enjoyed the camaraderie and the delicious pot luck dinner at the last meeting. I certainly did! I trust everyone had a fun and safe 4th of July holiday and took the time to remember our brothers and sisters who answered the call of our country as we all did. Remember the upcoming Travelers ball game on July 11th at the ball park in North Little Rock. Paul Honeck is coordinating

and we have a suite, so please let him know if you plan to attend (if you haven't yet done so!).]

Hope to see a bunch of you there!

Fair Winds and following seas,

Jim



In Loving Memory



<http://ootwrescue.org/index.html>



Kathy & Bill Woods
Base Christmas Party - 2014

Kathy Woods, wife of Base member Bill Woods, passed away the evening of June 24. Kathy's family extends gratitude to everyone for the prayers, cards, gifts, love, and support given over the past 17 months during Kathy's illness.

Kathy was married to Bill on October 10, 1988, in Cozumel, Mexico. Bill and Kathy shared a common love for travel. Early on in their relationship they often traveled to Cozumel, and enjoyed going on cruises and exploring the world together.

Kathy was an Emergency Room nurse at Arkansas Children's Hospital for 32 years, where she gave excellent care to the children and families of Arkansas. And beyond this dedication to helping children, Kathy loved and cared about animals. Quoting a line from an *Arkansas Democrat Gazette* article noting Kathy's passing – *Arkansas animals have lost one of their most passionate advocates*. In 2007, seeing a need for pets that had no resources for assistance, she formed the rescue group *Out of the Woods Animal Rescue of Arkansas*. This group was designed to meet the needs of stray, abandoned, abused, neglected, and injured pets - animals that lived in areas where no resources such as animal shelters, were available to citizens willing to help these canines and felines.

Donations in Kathy's honor may be made to *Out of the Woods Animal Rescue*. As she so often said, "Don't buy me flowers! Do you know what we could do with that money?!" Donations may be made online at www.ootwrescue.org or by mail: OOTW, P. O. Box 7365, Little Rock, Arkansas 72217.



(Continued from page 1.)

on the capability of her war industry to produce and her armed forces to operate. Her outlying bases were weakened by lack of reinforcements and supplies and fell victim to our air, surface and amphibious assaults; heavy bombers moved in to the captured bases and decimated and demoralized the Japanese to the point where they were forced to accept unconditional surrender. These effects of submarine operations have been substantiated, both from Japanese and Allied official records, and for the most part have been made public in detail, but nothing has been told about the manner in which such outstanding results were achieved by such a relatively small submarine organization.

As Commander of the Submarine Force, U.S. Pacific Fleet, from February, 1943, through the end of hostilities, I can vouch for the very important part which Communication Intelligence played in the success of the submarine campaign. Through intercept, cryptanalysis and translation of Japanese messages, Communication Intelligence supplied the Submarine Force with a continuous flow of information on Japanese naval and merchant shipping, convoy routing and composition, damage sustained from submarine attacks, anti-submarine measures employed or to be employed, effectiveness of our torpedoes, and a wealth of other pertinent intelligence.

The Submarine Force Operations Officer was designated the Combat Intelligence Officer. He was given access to all of the Communication Intelligence files and through him information was furnished to the Force Commander and thence to the individual submarines concerned. A private telephone was installed between SubPac operations office and the combat intelligence center of JICPOA [Joint Intelligence Center, Pacific Ocean Areas] so that information on convoy routing could be supplied with a minimum of delay. Special internal codes, carried only by submarines, were used for relaying this type of information, so that our own surface ships, though they might be able to decipher the submarine messages, were unable to determine the type of information being supplied. When ComSubPac moved his operational headquarters to Guam a special cryptographic channel was authorized by OpNav [Office of the Chief of Naval Operations] to supply this information direct from JICPOA at Pearl Harbor.

The information furnished made possible the assignment of submarines not only to the most profitable patrol areas but also to specific locations at particular times where contacts were made with convoys of known composition and importance, and frequently with enemy course and speed known exactly. Combatant units of the Japanese Fleet were similarly located on many occasions. During periods, which fortunately were brief, when enemy code changes temporarily cut off the supply of Communication Intelligence, its absence was keenly felt. The curve of enemy contacts and of consequent sinkings almost exactly paralleled the curve of volume of Communication Intelligence available. There were many periods when every available submarine on patrol in the Pacific Ocean Area was busy on information supplied by Communication Intelligence. The vast reaches of the Pacific Ocean could not otherwise have been covered so thoroughly unless a far greater number of submarines had been available. In early 1945 it was learned from a Japanese prisoner-of-war that it was a common saying in Singapore that you could walk from that port to Japan on American periscopes. This feeling among the Japanese was undoubtedly created, not by the great number of submarines on patrol, but rather by the fact, thanks to Communication Intelligence, the submarines were always at the same place as Japanese ships.

Regulations required that messages containing Communication Intelligence be destroyed, and as a consequence, no record of the many successes due to this intelligence can ever be compiled. However, some of the more notable achievements come immediately to mind:

- ⇒ Severe damage to carrier *Hitaka* (or *Hiyo*) by *Trigger* in June, 1943, which put her out of commission for almost a year.
- ⇒ Sinking of aircraft transport *Mogamigawa* by *Pogy* in August, 1943.
- ⇒ Sinking of escort carrier *Chuyo* by *Sailfish* in December, 1943.
- ⇒ Sinking of submarine *I-42* by *Tunny* in March, 1944.
- ⇒ Decimation of large Saipan-bound convoy by *Pintado* and *Shark II* just prior to our landings on that island.
- ⇒ Sinking of submarine *I-29* by *Sawfish* in July, 1944.
- ⇒ Sinking of submarine *I-41* by *Sea Devil* in September, 1944.
- ⇒ Sinking of escort carrier *Jinyo* by *Spadefish* in November, 1944.
- ⇒ Sinking of carrier *Unryu* by *Redfish* in December, 1944.
- ⇒ Severe damage to carrier *Hayataka* (or *Junyo*) by *Redfish* and/or *Sea Devil* in December, 1944, which put her out of commission for remainder of war.
- ⇒ Sinking of submarines *RO-115*, *RO-112* and *RO-113* by *Batfish* within four days in February, 1945.
- ⇒ Sinking of submarine *RO-56* off Wake Island by *Sea Owl* in April, 1945.

(Continued on Page 4.)



Lost Boats - July

USS S-28 (SS-133)

Lost on July 4, 1944 with the loss of 49 crew members. She was conducting training exercises off Hawaii with the US Coast Guard cutter *Reliance*. After *S-28* dove for a practice torpedo approach, *Reliance* lost contact. No distress signal or explosion was heard. Two days later, an oil slick was found near where S-28. The exact cause of her loss remains a mystery.



USS Robalo (SS-273)

Lost on July 26, 1944 with the loss of 81 crew members while on her 3rd war patrol. She struck a mine about 2 miles off the coast of Palawan. Four men survived and swam ashore, then were imprisoned by the Japanese. Unfortunately, they were put on a Japanese destroyer and lost when that destroyer was sunk.

USS Grunion (SS-216)

Lost on July 30, 1942 with the loss of 70 crew members while on her first war patrol near Kiska Harbor. She radioed that she sank two sub- chasers and damaged a third, but was never heard from again. Grunion's mangled remains were found in the Bering Sea in 2006 off the Aleutian Island of Kiska.



- ⇒ Sinking of light cruiser *Isuzu* by *Charr* in April, 1945.
- ⇒ Contact and trailing of *Yamato* task force by *Threadfin* and *Hackleback* in April, 1945 which resulted in sinkings the following day by carrier air forces of the battleship *Yamato*, the cruiser *Yahabi*, and destroyers *Hamakaze*, *Isokaze*, *Asashino* and *Kasumi*.

The above are but a few of the many successes against the Japanese Navy that can be directly attributed to Communication Intelligence. The sinkings of Japanese merchant ships resulting from Communication Intelligence ran into hundreds of ships and probably amounted to fifty percent of the total of all merchantmen sunk by submarines.

In addition to the direct results there were equally as important indirect results which must be credited to the same source of information. For example: From an analysis of Communication Intelligence extending over a period of many months it was determined that our magnetic torpedo exploders were not functioning properly, and steps were taken to correct the defects. Then again, information concerning enemy minefields was so complete that defensive minefields laid down by the enemy served our purpose rather than his. Not only were our submarines able to avoid the areas of danger, but Japanese ships, being required to avoid them as well, were forced into relatively narrow traffic lanes, making it easier for the submarines to locate and attack them. It is impossible to estimate the number of our submarines which were saved and the number of Japanese ships which were lost because of the accurate information about enemy minefields supplied by Communication Intelligence. Also, information concerning names of ships sunk, nature of cargo and number of troops lost was of inestimable value in assessing damage sustained by the enemy and gauging his capabilities.

Without Communication Intelligence submarine operations would unquestionably have been far more difficult and costly because of the vast areas which had to be covered and the attainment of the ultimate objectives would have been greatly delayed.

/s/ C. A. Lockwood

Note: The opinions expressed in this document are those of the author and do not necessarily represent the views of the Na-



Well I know some members do read the Base minutes when they are published.
Thanks to Rick Pressly for submitting the following.

Eternal Father – Navy Hymn

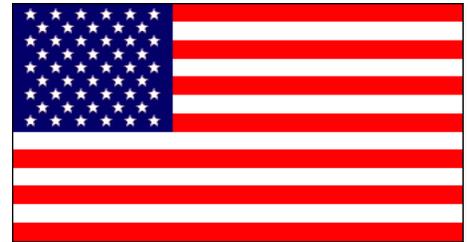


Verse 1:

Eternal Father, strong to save,
Whose arm hath bound the restless wave,
Who bidd'st the mighty ocean deep
Its own appointed limits keep;
Oh, hear us when we cry to Thee,
For those in peril on the sea!

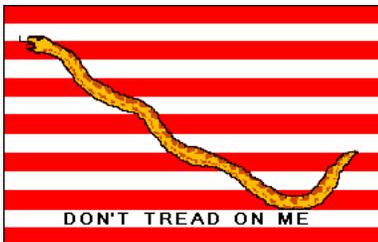
Verse 2:

O Christ! Whose voice the waters heard
And hushed their raging at Thy word,
Who walked'st on the foaming deep,
And calm amidst its rage didst sleep;
Oh, hear us when we cry to Thee,
For those in peril on the sea!



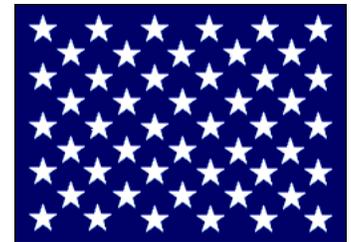
Verse 3:

Most Holy Spirit! Who didst brood
Upon the chaos dark and rude,
And bid its angry tumult cease,
And give, for wild confusion, peace;
Oh, hear us when we cry to Thee,
For those in peril on the sea!



Verse 4:

O Trinity of love and power!
Our brethren shield in danger's hour;
From rock and tempest, fire and foe,
Protect them wheresoe'er they go:
Thus evermore shall rise to Thee
Glad hymns of praise from land and sea.





Really great model of USS Arkansas, BB- 33 constructed by Greene County Tech students and donated to AIMM.

Associate member Bruce Dart, a master welder, helps with new steel decking on *Razorback*.



Things are looking good for getting the USS Hoga to AIMM soon.



Some of "100 things I can't (or couldn't) do in the Navy"

26. I am not allowed to change the name on my uniform to my nickname, even though that's what everyone called me.
27. I am not a strong enough swimmer to tow a submarine and I shouldn't try to do so.
28. I am not allowed to settle a difference of opinion with my Chief by thumb wrestling.
29. I am not allowed to submit a tactical attack plan on Disneyland.
30. I am not allowed to justify attacking Disneyland because of over-priced beverages.
31. I am not allowed the use the Engineers wife as a navigational aid, no matter how big she is.
32. I am not allowed to build a flamethrower from the ships equipment.
33. I am not allowed to give out detailed diagrams and instructions on how to build a flamethrower
34. I am not allowed to have sex with a female officer even if she asks nicely and says "please"
35. The "Happy Jack" (the skull and crossbones pirate flag) is not allowed to be raised on any U.S. Navy Ship.
36. I am not allowed to form a labor union.
37. British Naval ships are not referred to as "H.M.S Wanker" to British Naval Captains.
38. I am not allowed to use golf carts, cars, roller-blades or oxygen tanks during a 1.5 mile run in order to improve my time.
39. I am not allowed to revise the Uniform Code of Military Justice to suit my own personal needs
40. Guinness is not part of my special dietary needs and I am not allowed to request that the submarine stock it.
41. I am not allowed to be excused from physical training because it's "that time of the month"
42. I am not allowed to use the phrase, "This boat sucks so bad it could pull the moon out of orbit" anywheres near the squadron commander.
43. I am not allowed to blame poor performance on "Mental trauma received during the D-Day invasion at Normandy"
44. Personal intimate grooming cannot be used as an excuse for being late.
45. I am not allowed to suggest a junior officer take a Midol to adjust his attitude.
46. I am not allowed to use one curse word for every three regular words while giving training to ships personnel.
47. I am not allowed to give newly reported personnel a detailed statistical analysis of how one of them will die within the next year. I am also not allowed to form a betting pool on which one of the new crew it would be.
48. I cannot get a day off from work to attend my son's soccer game if I don't actually have a son, or any child.
49. I am not allowed to have an allergic reaction to bullshit.
50. I am not allowed to refer to officers as "Split tails."



July + Birthdays

Walter A. Gossfeld	1
Michael Rainwater	3
John Webber	3
Alan Sabatino	4
William J. Holland	5
Ronald D. Gorence	6
John T. Hardin	6
Mary Christians	10
Bill L. Garrison	11
James A. Flanders	12
Sharon J. Hollaway	13
Donald L. Underwood	13
Richard James Pressly	14
A. Royce Meredith	16
Glenn L. Stewart	16
David M. Higgins	17
Ronald T Sagaert	18
David J. Grove, Jr.	22
Allen D. Hutchinson	26
Sidney R. J. Logan	29
Derrell F. Clements	30
Lynn C. Richard	30
Early August	
Edward D. Watts	2
Robert G. Medearis	3
Bonnie Zonner	3
John A. Albers	7
Billy Don Dempsey	7

TREASURER'S REPORT		JUNE 2015
TOTAL BASE FUNDS BEGINNING BALANCE		\$ 14,752.54
General Fund Beginning Balance		\$ 5,145.06
DEPOSITS		
Lockwood Internet Base Distribution*		\$ 815.00
General Fund Ending Balance		\$5,960.06
Designated Funds Beginning Balance		\$ 4,133.50
Maintenance Fund Beg. Balance		\$ 2,255.64
Booster Club		
George Wrightam		\$ 50.00
Tom Salisbury		\$ 50.00
Maintenance Fund Ending Balance		\$ 2,355.64
Charity Fund Balance		\$ 472.00
Snook Memorial Fund Balance		\$ 1,405.86
Designated Funds Ending Balance		\$ 4,233.50
Checking Balance (Gen. + Desig. Funds)		\$ 10,193.56
Other Funds		
CD Balance		\$ 5,221.98
Cash on Hand		\$ 252.00
TOTAL BASE FUNDS ENDING BALANCE		\$ 15,667.54
Respectfully submitted,		
Mark Taylor, Base Treasurer		
* Lockwood disbanded and distributed its funds to other USSVI bases.		

Published monthly by the *USS Razorback Base, United States Submarine Veterans.*

Editor, John C. Barr
501-663-6622
jcbarr346@att.net

Booster Club

Avery (TX) Class of 1958 in Memory of Bob Stiltz, Jr. (7)
Suzann & John Barr (1)
Bruce Dart (7)
Wesley Dodson, Jr. (2)
James Flanders (7)
George Fore (7)
James & Susan Franks (6)
Ron Hines (7)
Terence & Kathleen Murphy (4)
Ann & Tom Salisbury (12)
Frank C. Tillery (5)
Fred Weilminster (7)
Barbara & Ray Wewers (4)
George Wrightam (12)

Funds from the *Booster Club* will be used for restoration of the *USS Razorback* and other special projects appropriate to the mission of *USSVI*. Your donation will be recognized for 12 issues of the newsletter. The number beside your name below is the number of times remaining to be listed.
Send donations to Razorback Base – USSVI, 9 Broadview Dr., Little Rock, AR 72207-5113 (Memo – Booster Club).

Oops!





Base Activities and Notes

- July 11 - Baseball at the Travelers (versus Frisco). The cost is \$15.50 per person which includes a picnic style (hot dog, hamburger, drink, etc.) meal. The area is enclosed with air conditioning and closed circuit TV and outdoor seating adjacent to the beer garden. A \$300 deposit was required for this seating area. We will need a minimum of 20 people to attend to meet that requirement. If you are interested please send your intent with number of people in your party to Paul Honeck at pneckerar@gmail.com no later than Memorial Day, May 25.
- August Base meeting at AIMM. TBD.
- September 7 - 12: USSVI national convention, Pittsburg, PA; the Westin Convention Center.
- October (24th?) - Navy Anniversary Dinner. TBD.
- November 28 - Base meeting. TBD.
- December - Christmas Party. TBD.

Notes provided by Mark Taylor:

- ◇ Passing of Kathy Woods was discussed. A memorial service to be held July 12th at 7pm at Allsop Park benefitting "Out of the Woods" charity. Base donated \$100.
- ◇ USSVI dues increase of \$5/year to fund *American Submariner* magazine.
- ◇ Base still needs help with overnight volunteers.
- ◇ Anyone requesting refund of their deposit for the base cookout (due to flooding) please contact the base treasurer. (\$36.30 is what I paid Barbara Schwerman)
- ◇ Next meeting Aug 22nd at the barge.

Site Links of Interest

Hot sub time machine: A photo tour of the HMAS Ovens submarine

<http://www.cnet.com/news/hot-sub-time-machine-photo-tour-of-the-hmas-ovens-submarine/>

HMS Ambush, the Royal Navy's newest nuclear attack submarine

<http://www.dailymail.co.uk/sciencetech/article-2203110/Deadly-Hunter-Killer-submarine-capable-hearing-ship-leaving-port-New-York--sat-underwater-English-channel.html>

Base Officers			
Base Commander	Jim Gates	501-580-4680	gates.jim@sbcglobal.net
Base Vice Commander	Billy Hollaway	501-758-3266	retldousn@earthlink.com
Memorials & Ceremonies, Storekeeper & Past Base Commander			
Chief of the Boat	Bob Christians	501-922-8451	bobchristians@sbcglobal.net
Chaplin	Joe Manning	501-366-0331	joe.manning@att.net
Base Treasurer	Mark Taylor	501-416-2488	empty704@aol.com
Yeoman	Barbara Schwerman	501-804-0687	baschwer@suddenlink.net
Membership	Greg Schwerman	501-804-0386	gschwerman@suddenlink.net
Past Base Commander			
Base Newsletter	John C. Barr	501-663-6622	jcbarr346@att.net
Holland Club Representative	Tom Salisbury	501-337-0788	tomann311@gmail.com
Base Historian	Joe Mathis	501-565-6021	usnjrm@yahoo.com
National (USSVI) Archives Committee Chairman			
Past Base Commander	James W. Barnes	501-778-6583	jimandsue59@sbcglobal.net
Activities	Ray Wewers	479-967-5541	raywewers@gmail.com
Past Base Commander & USSVI Secretary			
Past Base Commander	Alan Malone	501-206-7248	o5retired@yahoo.com
Past Base Commander	Carl Schmidt	501-843-7855	bonnyclyde@classicnet.net
Base Web Master	Greg Zonner	501-307-5522	gzonner@aimm.museum
Past Base Commander			
Past Base Commander	Paul Honeck	501-319-5888	pneckerar@gmail.com