

The MidWatch

The Quarterly Newsletter

Perch Base, USSVI
Phoenix, Arizona

WWW.PERCH-BASE.ORG

Summer Quarter | Volume 4 Issue 3 | July 2018



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Editor: Chuck Luna

Contact: newsletter@perch-base.org



USSVI Creed

Our organization's purpose is . . .

"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.

In addition to perpetuating the memory of departed shipmates, we shall provide a way for all Submariners to gather for the mutual benefit and enjoyment. Our common heritage as Submariners shall be strengthened by camaraderie. We support a strong U.S. Submarine Force.

The organization will engage in various projects and deeds that will bring about the perpetual remembrance of those shipmates who have given the supreme sacrifice.

The organization will also endeavor to educate all third parties it comes in contact with about the services our submarine brothers performed and how their sacrifices made possible the freedom and lifestyle we enjoy today."

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A Message from the
Base Commander
Howard Doyle
commander@perch-base.org

From "Snipes Castle"

Another quarter has gone down the tube and both Perch Base and USSVI have seen some changes which you may or may not notice. Chuck Luna has taken over the position of POC coordinator and Chuck Emmett has been replaced as the editor of The American Submariner.

Time goes on and waits for no man.

The Prescott Rodeo Parade [or as I tend to think of it as the 4th of July parade] will be on Saturday, June 30th this year. See the Flash Traffic for details and remember the luncheon at Tom Warner's [Gudgeon Base Commander's] home after the parade, always a good feed.

For those of you who escape the Valley of the SUN for cooler San Diego don't forget the invitation to the San Diego Base picnic [July 14th]. Again, see the Flash Traffic or the Perch Base website for details.

A thank you and well done for those who attended the Memorial Day Services at the National Cemetery and the follow-on Tolling for the Lost Boats.

The USSVI annual elections are upcoming and EVERYONE is encouraged to vote!!!



The Vice-Commander **Glenn Posniack**

vice-commander@perch-base.org



"Member Mogul" Membership Chairman

JIM ANDREWS

membership@perch-base.org



CHIEF-OF-THE-BOAT

Carl Miner

COB@perch-base.org



Treasurer

David Heighway

treasurer@perch-base.org





Chaplain
Governor Joy
 chaplain@perch-base.org




Base Webmaster
"Bits & Bytes"
DAN MARKS
 webmaster@perch-base.org



Some of the members commented that there have been several cases when emails from webmaster@perch-base.org have gone into members' junk mail. I recommend members add webmaster@perch-base.org to their contacts list so it will be recognized as a trusted source. If your mail program includes the ability to add a domain to your trusted list, then add the domain perch-base.org so that other emails, such as Flash Traffics from communications@perch-base.org won't go to your junk mail.

Are you wondering where to find the meeting minutes when you are asked for a motion to approve them at our meeting? Based on member feedback, I have added a link to the Meeting Minutes in the Navigation drop-down menu in the upper left corner of every page. If there is anything else you would like to suggest for the website, just let me know!

I am always adding content to the website. For example, I have recently added photos from the Western Regional Roundup, Annual Picnic and the Flagstaff Armed Forces Day Parade. Also, we have 47 of our members that are also signed up our Facebook page.

During the past 3 months, there were approximately 2,527 page views on the Perch Base website during 1,314 sessions by 936 users based on Google Analytics. The new statistic shows that 13% of the traffic are returning visitors and the other 87% are new visitors to the website. Approximately 80% of the sessions originated in the US and the remainder were widely scattered around the world. Approximately 27% of the sessions were from locations in the Metro Phoenix area, which is assumed to come from our local membership.



Communications Officer

Chuck Luna

communications@perch-base.org



We've all become familiar with using shortcuts on our desktop for opening apps. It's both quick and convenient. Unfortunately this leads to a desktop filled with icons, making it hard to find the app we are looking for and to slowing the PC down as each of those shortcuts take up valuable memory space. Here are two tips to keep the ease of opening apps and declutter your desktop.

Simply right-click on the desired shortcut to open a menu. Two of the now available options are "Pin to Start" and "Pin to taskbar".

Pin to start will place the shortcut in the right hand column of your start menu, a good place for apps used frequently but not everyday.

Pin to the taskbar will place the shortcut on the Windows taskbar, making it one click away from opening. A good spot for apps used everyday.

Next quarter I'll have another tip or two. If you have a question or perhaps a tip



Event Coordinator

Don Unser

events@perch-base.org



you'd like to share, email me at communications@perch-base.org.



Secretary

BASE MEETING MINTUES

Marcia Unser

secretary@perch-base.org





Storekeeper

Herb Herman

storekeeper@perch-base.org



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Sage Words of Wisdom . . .

from the past Base Commander

Chuck Emmett

past-commander@perch-base.org



MURPHY'S OTHER 15 LAWS

1. Light travels faster than sound. This is why some people appear bright until you hear them speak.
2. A fine is a tax for doing wrong. A tax is a fine for doing well.
3. He who laughs last, thinks slowest.
4. A day without sunshine is like, night.
5. Change is inevitable, except from a vending machine.
6. Those who live by the sword get shot by those who don't.
7. Nothing is foolproof to a sufficiently talented fool.
8. The 50-50-90 rule: Anytime you have a 50-50 chance of getting something right, there's a 90% probability you'll get it wrong.
9. It is said that if you line up all the cars in the world end-to-end, someone from California would try to pass them.
10. If the shoe fits, get another one just like it.
11. The things that come to those who wait, may be the things left by those who got there first.
12. Give a man a fish and he will eat for a day. Teach a man to fish and he will sit in a boat all day drinking beer.
13. Flashlight: A case for holding dead batteries.
14. God gave you toes as a device for finding furniture in the dark.
15. When you go into court, you are putting yourself in the hands of twelve people who weren't smart enough to get out of jury duty.

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U.S. Undersea Warfare News

Is World Ready For An Undersea Missile? Supercavitating Torpedo Offers Speed of 230 Miles Per Hour

John Keller, Military Aerospace, June 19

Military forces throughout the world are obsessed, it seems, with speed. Jet aircraft, the missile, even the lowly bullet typically go faster than the speed of sound. Everywhere is an obsession with speed except in undersea warfare. In fact, today's most advanced militaries are working on so-called hypersonic missiles that eventually could travel through the air at about seven times the speed of sound, or 5,320 miles per hour.

That kind of speed means a hypersonic missile could hit a target 100 miles away in little more than a minute -- not much time for countermeasures and evasive maneuvers. It's little wonder that speed is a top priority among military weapons developers.

Not everything military, though, is blazingly fast. Main battle tanks can roll at about 60 miles per hour over gentle terrain. A UH-60 Black Hawk helicopter cruises at about 174 miles per hour. A submerged attack submarine can go about 50 miles per hour flat-out -- we don't really know. These relatively slow systems typically don't have the notoriety of the fast ones. Still, they typically can shoot weapons that are very fast, like smart munitions, rockets, and soon even laser weapons.

How is it that the obsession for speed hasn't extended into the realm of undersea warfare? Submarines aren't too fast, but they shouldn't be. Their job is to lurk silently and undetected until that fateful moment when they launch a missile or torpedo.

The torpedo -- signature weapon of the submarine -- isn't very fast, either. The U.S. MK 48 torpedo achieves a top speed of about 55 knots, or 63 miles per hour. That's about as fast as a mini van full kids in the slow lane of the freeway ... not exactly the best comparison when describing a formidable modern weapon. It certainly pales in comparison to missiles and rockets. But what if a torpedo could move at 200 knots? That's 230 miles per hour -- not even close to supersonic, but still a mind-boggling speed underwater. A 200-knot torpedo essentially would be an underwater missile. Is this even possible, and if so, why don't we hear more about it?

Well, the underwater missile is real. It's called the supercavitating torpedo. The Russians have built one called the The VA-111 Shkval, which can reach

underwater speeds in excess of 200 knots. Iran reportedly has developed a variant of the Russian Shkval called the Hoot. The German navy is credited with developing the Superkavitierender Unterwasserlaufkörper supercavitating torpedo, but it never went into production. The U.S. Navy is said to be toying with supercavitating torpedo technology.

These undersea missiles achieve their speed essentially by encasing the torpedo inside a bubble to eliminate the water's hydrodynamic drag. Once inside this bubble, and free of the water's drag, a rocket engine shoots the munition through the water faster than a NASCAR racer.

Supercavitation, by the way, refers to phenomenon in which water is forced around an object like a ship's propeller at high speeds. This causes the pressure around the object's trailing edge to below the water's vapor pressure, causing bubbles. This is bad for modern submarine propellers, because it creates noise that can enable an enemy to detect it. It's good, though, when attempting to shoot objects like torpedoes through the water at high speeds. So why haven't supercavitating torpedoes come to revolutionize war at sea? It seems this technology also causes big problems with torpedo guidance, control, and precise targeting.

Conventional torpedoes steer themselves toward their targets with control surfaces that, in the water, act like an airplane's wings, rudder, and elevator in the air.

One big problem with supercavitating torpedoes is they can't stick control surfaces outside their protective bubble, lest the bubble bursts. No control surface contact with the water means no control of the torpedo; it goes in a straight line, period. This means they're prone to missing their targets. Modern torpedoes home in on their targets with passive and active sonar. They must be able to hear the sound emitting from their targets, as well as a return signal from a sonar ping.

Supercavitating torpedoes don't have this advantage because they're really, REALLY LOUD -- too loud to hear much of anything. From a guidance standpoint it can't tell the difference between an enemy ship or submarine, and a rock formation.

So a supercavitating torpedo is fast, but it's also can't steer very well, and can't hear its target. Is it a viable weapon today? That's questionable. It's only been tested, and never used in combat.

All that could change, though, once someone figures out an efficient way to maneuver them, and enable them to home-in on their targets. Then they will be formidable weapons, and that day may not be too far off.

Previous Quarter Highlights

Second Quarter events for Perch Base.

For more Pictures and details check out our [website](#).

Western Regional Roundup



The Annual United States Submarine Veterans Western Regional Roundup was held from April 23, 2018 to April 27, 2018 at the Sam's Town Hotel and Gambling Hall in Las Vegas, NV.

Annual Base Picnic



Perch Base member and Western District 1 Commander Jim Denzien led the Holland Club Induction ceremony with the other Holland Club members present at the picnic on May 12, 2018.

Previous Quarter Highlights (cont.)

Flagstaff Armed Forces Day

A good turnout of Perch Base Members and wives participated in the Armed Forces Day Parade in Flagstaff on Saturday, May 19, 2018.



Memorial Day



Perch Base USSVI participated in Memorial Day Ceremonies at the National Cemetery of Arizona, including Tolling of the Boats, on Monday, May 28, 2018.

Previous Quarter Highlights (cont.)

Base Birthday



Perch Base members celebrated the 23rd birthday of the base during the meeting on June 9, 2018. (The actual charter date was June 20, 1995.) Cake was served.

USS PHOENIX REUNION



Perch Base brought the USS Phoenix float and 8 Perch Base members and wives attended a reception at Aunt Chilada's Mexican Restaurant of the first USS Phoenix (SSN-702) Reunion on June 16, 2018.

Upcoming Events

Monthly General Meeting

Saturday's, July 14, August 11, & September 8
At Dillon's KC Bar-B-Que restaurant

[20585 North 59th Avenue, Glendale, Arizona.](#)

(Left-click address, above, for a Google map to Dillon's.)

The official meeting starts at Noon but come join us at 1100 for lunch!
50/50 Raffle drawing (Must be present to win).

San Diego SubVets Annual Family Picnic

Saturday, July 14, 0900 to 1630 CA time.

For those of you planning to be in the San Diego area (or looking for an excuse to go to San Diego in July to escape the Arizona heat) the San Diego Base has invited Perch Base members to their Annual Family Picnic.

The picnic will be at the Smugglers Cove on the Point Loma Naval Base, so they will be providing further information that will need to be submitted for access to the Naval Base. They might even be able to arrange a tour of a boat!

View the Base Picnic [FLYER](#). More to follow as details become available.

Gudgeon Base Picnic

Saturday, September 15, 1100 to 1500

Escape the Phoenix heat at the Gudgeon Base Picnic at Bob Edwards Park in Prescott Valley, AZ

[7201 E Long Look Drive, Prescott Valley, AZ 86314](#)

(Left-click address, above, for a Google map to Bob Edwards Park.)

Please note that this is a different location than previous years picnics.



Third Quarter Birthdays

JULY

1 Mike Olsen	2 David Heighway	2 Carl Miner
5 Leo Avalos	7 Bernard Juracka	7 Wayne Braastad
8 Chuck Luna	12 Jim Foote	16 Nick Povio
21 Richard Bernier	25 Larry Speight	27 Forrest Watson
30 Howard Goldman	31 Jack Messersmith	

AUGUST

3 Raymond Marshall	5 John Carpentier	6 Josh Whitmore
7 Bryan Pellegrini	8 Robert Smith	9 Russ Rutowski
10 Chris Urness	12 Robert Lancendorfer	14 Brad Lawrence
18 John Zaichkin	19 Doug La Rock	19 Kelly Grissom
20 Robert Roberts	20 Jim Trail	20 Robert Wilson
21 Eugene Crabb	21 Daniel Luellig	25 Tim Gregory
26 John Mannetti	26 Jack Patterson	29 Harold Heller

SEPTEMBER

1 Herbert Herman	1 Edward Wolf	4 Michael Bennett
4 Alan Miller	5 Eugene Veek	5 Fred Fuller
6 Wayne Kirk Smith	7 Heather Lynn Pittman	10 Robert Wright
13 Steven Stanger	24 Howard Enloe	24 Charles Marshall
26 Gary Bartlett	29 Stephen Hough	




Top 10 Things NOT to say in front of an ORSE Team...

1. "It's been that way since I reported aboard."
2. "Look, why don't you listen to someone who actually stands the watch."
3. "That valve isn't leaking much... you should have seen it last week."
4. "Once we dive, the hull presses the pipes together and the leak will stop."
5. "Don't worry, we just put aluminum foil bits in the lube oil sample to test the new guys."
6. "Those gauges were just calibrated last week so I guess the sticker must have just fallen off... it's probably on the deck somewhere."
7. "That's NOT metal particulate... it's just the way the oil catches the fluorescent lights."
8. "Well, that's not what the skipper says."
9. "That alarm? We get it all the time... it's nothing."
10. "I dare you to fail me."

Perch Base CLASSIFIEDS

Your chance to advertise for free! Items from Base Members to other Members, and almost anything is far game. Exceptions: alcohol, drugs, illegal, commercial items or anything in general poor taste. Send your ad to: newsletter@perch-base.org



Modern Woodmen
FRATERNAL FINANCIAL

Glenn I. Posniack
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www.FirestoneCompleteAutoCare.com

(This card is from the store that graciously gives us space to stage and park for the November Phoenix Veterans Day Parade. Give them a thought if you need tires or service.)

Classified Size Limit: Four lines of 10 pt Arial font, one column wide. Pictures may be included -- and are encouraged -- but make the picture a separate "jpg" or "png" file. If we can't format your ad as a Word document, it won't run.

LEST WE FORGET THOSE STILL ON PATROL



Tolling of the Boats for July

4	USS S-28 (SS-133)	1944	49 men lost
26	USS Robalo (SS-273)	1944	81 men lost
30	USS Grunion (SS-216)	1942	70 men lost

Tolling of the Boats for August

6	USS Bullhead (SS-332)	1945	84 men lost
13	USS Flier (SS-250)	1944	78 men lost
13	USS S-39 (SS-144)	1942	no loss of life
24	USS Harder (SS-257)	1944	79 men lost
26	USS Cochino (SS-345)	1949	7 men lost

Tolling of the Boats for September

1	USS S-5 (SS-110)	1920	no loss of life
9	USS Grayling (SS-209)	1943	76 men lost
25	USS S-51 (SS-162)	1925	33 men lost
25	USS Pompano (SS-181)	1943	77 men lost
28	USS Cisco (SS-290)	1943	76 men lost

2018 Perch Base Operations Supporters

These are the Base members and Friends who donate monies or efforts to allow for Base operations while keeping our dues low and avoid raising money through member labor as most other organizations do.

Jerry Allston	Robert Hartman	Royce Pettit
Ken Anderson	David Heighway	James Ratte
Steven Balthazor	Harry Heller	Stanley Reinhold
Gary Bartlett	Glenn Harold	Louis Reynolds
Ronald Beyer	Steve Hough	Donald Robertson
John Carpentier	Davy Jones	Robie Robinson
Roger Cousin	Governor Joy	Larry Ruggles
Eugene Crabb	Mike Keating	Pete Sattig
George Crider	Doug LaRock	Donald Schafer
George Debo	Bob Lancendorfer	Carl Scott
Don Demarte	DeWayne Lober	Garry Shumann
Jim Denzien	Dan Marks	Rick Simmons
Mary Denzien	Charles Marshall	Wayne Smith
Billy DeShong	Ray Marshall	Steve Stanger
Howard Doyle	Dennis McComb	William Tippet
James Edwards	Angus McPherson	James Trail
James Evans	Ken Meeks	Marcia Unser
Douglas Ewen	Carl Miner	Donald Walbaum
Tom Farley	Frank Morris	James Wall
David Fyock	John Mosher	Forrest Watson
Robert Gregg	Dan Moss	Joshua Whitmore
Tom Gregory	James Newman	George Woods
William Grissom	Dick Noreika	Bill Woolcott
Mike Haler	Mike Olsen	John Zaichkin