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**Subject:** Flash Traffic - #7-10-2 (Various Topics)  
**Date:** Monday, July 19, 2010 4:57:00 PM  
**Importance:** High

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## Perch Base USSVI

# Flash Traffic - 07/19/2010 #7-10-2

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NEWS-01: On the Shoulders of Giants: Innovation and Courage - The Legacy of World War II Submarine Veterans

Submitted by: Pat Householder on 7/11/2010

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by Daniel T. Rean. The numbers tell a story. They do not lie. According to the United States Department of Veterans Affairs, approximately 900 World War II veterans die every day. But that number is not the whole story. We cannot simply consider statistical losses when we look at that number.

What we are really losing is a unique brand of warriors who let nothing stand in the way of the march toward victory, and no group of World War II veterans typified that never-say-die attitude better than that of America's submarine service.

Click on the link for the rest of the story...

<http://www.militaryhistoryonline.com/wwii/articles/shouldersofgiants.aspx>

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NEWS-02: 2011 Subvets Calendar Available Submitted by: Pat Householder on 7/18/2010

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The 2011 calendar focuses on the world's most deadly Air Independent Propulsion

submarines. Quiet and deadly, their shortcomings are speed and 'legs'.

Make no mistake, these 'AIP' boats are very silent and deadly, and if a sea war breaks out with a country having them, they will be a major threat to our 'Nucs' especially in the littoral zones.

Although the US Navy no longer uses diesel powered submarines, (and seeing these boats, you have to wonder why) many of the world's navies are either constructing or using Air Independent Propulsion non-nuclear submarines.

They are used for coastal defense and as guardians at the world's shipping choke points where speed and the ability to travel long distances are unimportant.

\$ 9.95 ea, plus mailing. Contact Huey Hahn, Natl SK for Base pricing.

[subhuey@aol.com](mailto:subhuey@aol.com)

[https://www.ussvi.org/Documents/Online\\_Organization\\_2011\\_SubmarineCalendar.pdf](https://www.ussvi.org/Documents/Online_Organization_2011_SubmarineCalendar.pdf)

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NEWS-03: 2010 USSVI-SVWWII Convention

Submitted by: on 7/18/2010

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August 30 – September 06, 2010, the centrally located and beautiful Cincinnati/Northern Kentucky area is the ideal location for this year's USSVI National Convention.

The convention program will give you the opportunity to experience the best this area has to offer.

Tours and events include a city tour, which will provide a wonderful overview of the area, a chance to visit a Kentucky Horse Park, try your luck at one of the local casinos, or dine at America's first authentic Hofbrauhaus. Don't miss the tour to the National Air Force Museum, located at Wright Patterson AFB; this is the largest aviation museum in the world.

Enjoy a private paddle-wheel river cruise along the Ohio River, and a tolling the boats ceremony at the Drawbridge Hotel.

This will surely be a great convention, with many opportunities to tour and spend time with your friends and family. Don't miss out, BOOK NOW!

<http://www.2010convention.cincysubvets.com/>

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NEWS-04: Navy Virginia (SSN-774) Class Attack Submarine Procurement:  
Background And Issues For Congress Submitted by: James A Fox on 7/19/2010

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The Navy has been procuring Virginia (SSN-774) class nuclear-powered attack submarines (SSNs) at a rate of one per year for the past several years, and a total of 12 boats have been procured through FY2011. The Navy's proposed FY2011 budget increases the procurement rate to two boats per year. The eight boats to be procured in the five-year period FY2009-FY2013 (boats 11 through 18) are being procured under a multiyear procurement (MYP) arrangement.

See attached Link.

<http://www.fas.org/sgp/crs/weapons/RL32418.pdf>

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NEWS-05: New Release Tells True Stories Of Navy Enlisted Submariners On Patrol In The Pacific During WW II Submitted by: James A Fox on 7/19/2010

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More than 3,500 men, more than 23 percent of the American submarine force, never returned from their World War II missions. Their submarines had few crew comforts, and duty on "the boats" was one of the most statistically deadly, physically demanding and emotionally challenging assignments for those serving in the U.S. Navy. War patrols were so exhausting that submarine sailors were often given a month of rest after each 30- to 60-day patrol. With all the hardships, one might think the Navy would have trouble finding recruits. However, the men worked long, trained hard, and used their wits to fight for a coveted place on the front line of the Pacific war.

See attached Link

<http://www.sljackson.com/book.php>

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NEWS-06: EB's Partner For Submarine Construction May Leave Shipbuilding Business Submitted by: James A Fox on 7/19/2010

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The Northrop Grumman Corporation announced Wednesday that there is "little synergy" between shipbuilding and its other businesses, and that the company would evaluate whether it should sell, or spin off its shipbuilding business to shareholders.

Electric Boat in Groton builds Virginia-class submarines under a teaming agreement with the Northrop Grumman Newport News shipbuilding sector in Virginia. EB officials could not say how the decision would impact the teaming agreement.

See attached link

<http://www.theday.com/article/20100715/NWS01/100719796/1047/rss01>

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NEWS-07: 'Nanotube Speakers' Pave Way For Silent Stealth Submarines Submitted by: James A Fox on 7/19/2010

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Washington, July 15 (ANI): Scientists have created speakers made from carbon nanotube sheets, with properties that make them ideal for submarine sonar to probe the ocean depths and make subs invisible to enemies.

These “nanotube speakers” are a fraction of the width of a human hair can both generate sound and cancel out noise.

See attached Link

<http://www.thaindian.com/newsportal/health/nanotube-speakers-pave-way-for-silent-stealth-submarines>

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NEWS-08: Telecommunication Buoys For Submerged Submarines Submitted by: James A Fox on 7/19/2010

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At present, nuclear submarines that remain at depths for weeks or even months can receive messages while submerged but cannot reply. The transmissions are extremely low frequency (ELF, at 3-3000 Hz), or very low frequency (VLF, at 3000-30,000 Hz), and the antennas required are dozens of miles long. Only a handful of ELF transmitters exist, and only two of them are in the US. If the submarine needs to reply, or if complex communications beyond alphanumeric is needed, the submarine must come up to at least periscope depth to raise an antenna above the surface, and this makes the sub more vulnerable to attack.

See Attached Link

<http://www.physorg.com/news198219967.html>

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NEWS-09: First Virginia Class Sub Set For Stay At Kittery Shipyard Submitted by: James A Fox on 7/19/2010

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KITTERY, Maine — A historic event will take place early this fall on the Seacoast, when the USS Virginia, the first of the Virginia class submarines, will make its way to the Portsmouth Naval Shipyard for overhaul.

The host community for the sub is the city of Portsmouth.

The shipyard has been preparing for several years for the arrival of the Virginia class subs, said Public Affairs Officer Debbie White, with ongoing training of the work force and upgrade of facilities and equipment needed to support the work.

See attached Link

<http://www.seacoastonline.com/articles/20100715-NEWS-7150406>

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NEWS-10: Yard Workers Voice Little Concern About Potential Sale Submitted by: James A Fox on 7/19/2010

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NEWPORT NEWS — Standing outside the 50th Street gate between shifts, Marvin Blizzard, 49, a machinery inspector who's been working at the Newport News shipyard for 28 years, predicted little change if the company should change hands.



"It ain't gonna close up," Blizzard said. "Ain't nothing changing but the name."

His words were echoed by several workers interviewed outside the shipyard gates, who pointed out that the company is the nation's sole maker of nuclear-powered aircraft carriers and one of only two makers of nuclear submarines. That should ensure, they said, that the yard will be building ships for a long time to come.

See attached Link

[http://www.dailypress.com/business/ports/dp-nws-northrop-shipyard-workers-20100714\\_0\\_3909290\\_story](http://www.dailypress.com/business/ports/dp-nws-northrop-shipyard-workers-20100714_0_3909290_story)

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NEWS-11: American SSGNs Prowl The Pacific Submitted by: James A Fox on 7/19/2010

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July 14, 2010: In the last month, three of the four American SSGNs (former ballistic missile subs each now carrying 154 cruise missiles and SEAL commando teams) appeared in the Pacific and Indian oceans (the Philippines, South Korea and Diego Garcia). Some thought this was a message for China, but, in fact, the SSGNs go where the potential trouble is. When questioned, U.S. Navy officials responded that, for the first time, all four SSGNs were operating at sea, in locations distant from their bases.

See attached Link

<http://www.strategypage.com/htm/htsub/20100714.aspx>

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NEWS-12: NAVFAC Breaks Ground For Submarine Training Facility Submitted by: James A Fox on 7/19/2010

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Guam - U.S. Naval Facilities Engineering Command (NAVFAC) Marianas and Commander Submarine Squadron (CSS) 15 will host a groundbreaking ceremony 10 a.m., Thursday, July 15, at Polaris Point on U.S. Naval Base Guam in Piti. This groundbreaking ceremony will highlight the construction of a new two-story consolidated training, submarine learning center (SLC), and headquarters facility; and a one-story torpedo exercise support facility.

A \$4 billion maximum capacity indefinite-delivery indefinite-quantity (IDIQ) design-build multiple award construction contract (MACC) was awarded May 2010 to seven companies for construction projects at sites on Guam and other areas in the Naval Facilities Engineering Command (NAVFAC) Pacific area of responsibility (AOR). Under the terms of the MACC, a \$23.41 million task order (0001) was awarded to dck-ecc pacific guam llc for this seed project.

See attached Link

[http://www.pacificnewscenter.com/index.php?option=com\\_content&view=article&id=6470:navy-breaks-ground](http://www.pacificnewscenter.com/index.php?option=com_content&view=article&id=6470:navy-breaks-ground)

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NEWS-13: Real-Time Submarine Communications At Speed And Depth Takes

Another Step Toward Deployment Submitted by: James A Fox on 7/19/2010

MARION, Mass., 13 July 2010. Submarine communications experts at Lockheed Martin Sippican Inc. in Marion, Mass., are taking another step toward enabling U.S. Navy submarines to communicate while submerged and underway without raising a periscope communications antenna above the surface and revealing the vessel's presence.

See attached Link

<http://www.militaryaerospace.com/index/display/mae-defense-executive-article-display/3182455433/arti>

NEWS-14: World's Largest Naval Military Exercise Underway In Pacific Submitted by: James A Fox on 7/19/2010

RIMPAC, the world's largest naval exercise--involving 14 nations, 32 ships, five submarines, more than 170 aircraft, and 20,000 personnel--is now underway in the waters of the Pacific off Hawaii, according to the USN.

The multi-national maritime exercise began June 23 and will continue through August 1.

This year's exercise includes units or personnel from Australia, Canada, Chile, Colombia, France, Indonesia, Japan, Malaysia, the Netherlands, Peru, South Korea, Singapore, Thailand, and the U.S.

See attached Link

<http://www.examiner.com/x-36464-NY-Military-Headlines-Examiner~y2010m7d12-Worlds-largest-naval-milit>

NEWS-15: US Naval Academy Sailing Squadron Arrives In Mystic Submitted by: James A Fox on 7/19/2010

The U. S. Naval Academy (USNA) Offshore Sail Training Squadron (OSTS) will visit Mystic Seaport from July 9 to 12. After a non-stop, 300-nautical mile sail from Annapolis, Md., five NA-44 foot sailboats will arrive at the Mystic River Park July 9, before proceeding up the river to Mystic Seaport in late afternoon. The boats, crewed by midshipmen, will stay at Mystic Seaport until departure, July 12.

The NA-44's will be welcomed by United States Coast Guard Auxiliary and Mystic Fire Department vessels. Noank Shipyard will provide fuel, maintenance and related support services to the squadron. Local families will provide lodging for the crews and The Hampton Inn & Suites Mystic will donate rooms with breakfast each morning for the skippers

See attached Link

<http://www.dolphin->

[news.com/articles/2010/05/27/life/doc4bfc05be08a43336959901.txt](http://news.com/articles/2010/05/27/life/doc4bfc05be08a43336959901.txt)



## ***Chuck Emmett***

Newsletter Editor - Webmaster  
Perch Base USSVI, Phoenix, AZ  
[communications@perch-base.org](mailto:communications@perch-base.org)