



**AUGUST 2002**

# **COMNAVSUBFOR RESERVE NOTE**

**Deputy Commander Naval Submarine Forces  
7958 Blandy Rd**

**Norfolk VA 23551-2492**

**CSL RLO Voice: (800)-225-4125**

**CSL RLO Fax: (757) 836-1195**

**CSP RLO Voice: (888) 471-9440**

**CSP RLO Fax: (808) 473-1788/1070**

**E-MAIL for CSL RLO: [okeefetj@hq.sublant.navy.mil](mailto:okeefetj@hq.sublant.navy.mil)**

**E-MAIL for CSP RLO: [DunanGE@csp.navy.mil](mailto:DunanGE@csp.navy.mil)**

**E-MAIL for SUBLANT Program Coordinating Unit (PCU):**

**[CSLRES@HQ.SUBLANT.NAVY.MIL](mailto:CSLRES@HQ.SUBLANT.NAVY.MIL)**

**SUBLANT Web site: <http://www.sublant.navy.mil/>**

**SUBPAC Web site: <http://www.subpacnr.navy.mil/>**

---

## **RESNOTE DISTRIBUTION SCHEDULE AND REQUIREMENTS:**

*This RESNOTE is distributed prior to the first drill weekend of each month. Paper distribution is mandatory for those reservists without E-mail. Unit COs should ensure the RESNOTE is distributed to all members in their unit. If you know of any Submarine Reservist presently serving outside of Program One, please forward a copy of this RESNOTE to them and invite them to send their e-mail address to the PCU. They will be added to the distribution list. Send e-mail input for upcoming RESNOTES to CWO3 Kevin Kilcoyne ([kilcoynekw@ieee.org](mailto:kilcoynekw@ieee.org)) (SUBLANT) or CDR David Hill ([hillhd@westinghouse.com](mailto:hillhd@westinghouse.com)) (SUBPAC).*

---

---

# UNDERSEA WARFARE PROFESSIONAL DEVELOPMENT

## COMING OF AGE: THE SSGN CONCEPT (Part I of III)

By Rear Admiral John D. Butler, USN

*“There is nothing so powerful as an old idea whose time has come again.”*

Ben Wattenberg

In the last years of the Eisenhower administration, USS Tunny (SS 282) underwent a conversion that would change her mission profile from an open ocean attack submarine to one of strike warfare – a novel concept for the US Navy’s submarine fleet. In 1959 TUNNY began a series of deterrent patrols that changed the submarine paradigm forever – though it was not immediately apparent to many naval strategists at the time. After conversion, TUNNY carried the Regulus 1 cruise missile in a special compartment aft of her sail, and her operational profile now placed her taking a standoff position in relatively close proximity to a hostile shoreline.

Regulus was an evolutionary concept – it’s obvious inspiration being the German V-1 “Buzz Bomb” of WWII. It was developed by the Navy and Chance Vought Aircraft after the war, and first deployed in the fleet in 1955. The airframe consisted of an unmanned turbojet powered vehicle, and was capable of delivering a 3000 pound 40-50 kiloton W5 or 2800 pound 1-2 megaton W27 thermonuclear warhead within a range of 500 nautical miles – a substantial payload for those times.

Adapting TUNNY (and later BARBERO – SS 317) to carry the Regulus was an evolutionary concept as well, both in construction and in tactics. Dry well chambers external to the pressure hull had been used during the war, most notably with the Japanese Sen-Toku I-400 “submarine aircraft carriers” – relatively large boats that could carry up to three seaplanes in the hanger built into the sail. TUNNY and BARBERO had a similar profile – a bulbous extension aft of the sail, which contained the missile and its launching ramp. The major disadvantage to this arrangement was the fact that the submarine had to be on the surface to launch – a position few submarine commanders were comfortable with.

The designator of the boats in the Regulus fleet changed to reflect the new mission – SSG. The force eventually grew to include five submarines with the addition of USS Growler (SSG 577), USS Grayback (SSG 574), and USS Halibut (SSG(N) 587) – the first (and only) nuclear-powered Regulus guided missile submarine. The mission of the SSG as a missile-launching platform now was coming into question, however. The recently-introduced Polaris intercontinental ballistic missile (ICBM) carried by the new ballistic missile submarine (SSBN) was seen to have much more capability in the high priority Cold War mission of nuclear deterrence. The ability to launch that missile while submerged also made the concept much more appealing to submariners. As the new SSBNs entered the fleet and began their deterrence patrols, the Regulus mission of strike warfare was seen to be far less essential to national security needs at the time. Thus, HALIBUT ended the line for the SSG fleet when she made her last Regulus patrol in 1964. No submarine has been designated SSG since then.

The ballistic missile submarine platform eventually became the mainstay of the nation's strategic deterrence force. The SSBN today forms the linchpin of the nuclear triad, the other two legs of the triad being land-based ICBMs and the US Air Force bomber wings. Many SSBN submarines were built in the FRANKLIN and LAFAYETTE class, these eventually yielding to the giant OHIO-class submarine carrying the Trident missile system, of which eighteen were built.

These supremely capable submarines were a relatively new addition to the nuclear triad; the lead ship of the class, USS Ohio (SSBN 726), was commissioned in 1981. But a decade later the world changed when the Cold War ended, and the needs of national defense and strategic deterrence changed with it. In 1994, the Nuclear Posture Review recommended a two-ocean-based TRIDENT SSBN force – fourteen vessels, all carrying the TRIDENT II (D-5) missile – as sufficient to meet U.S. national security requirements under the Strategic Arms Reductions Treaty II (START II). At the time Electric Boat was busily finishing construction of the last Trident hulls, with the final boat – USS Louisiana (SSBN 743) – being commissioned in 1997. Eighteen platforms in a force structure that only required fourteen didn't add up of course, so the Navy was faced with a very unappealing prospect – dismantling four of its most capable submarines and losing the nation's investment in these platforms. It was ironic that in the 1997 timeframe we were successful in extending the life of the Ohio-class hull to 42 years. Fertile imaginations went to work. It didn't take too much of a stretch to realize that one thing a Trident submarine had in abundance (at least when compared to an attack submarine) was SPACE. The combination of plenty of space, the ability to store and deploy a substantial payload, a powerful nuclear reactor to get from here to there in a hurry, a proven capability to remain on station for a very long period of time, and the all-important characteristic of stealth – all of these factors led to one inescapable conclusion. The Trident submarine could serve as a very capable, and highly adaptable, platform for conventional strike warfare and special operations support.

Having worked since the inception of the SSGN concept during my tour as Program Manager, Strategic and Attack Submarines from 1996 to 1998, I became one of the true believers in Trident/SSGN conversion at an early stage. In that position I was lucky enough to learn from the best and brightest in the field as to what the OHIO-class submarine was capable of doing, and that is a long and impressive list. The flexibility of the basic plan of the hull practically begs for modification to accommodate new missions and tactics, in my view.

*(Next: **NEW MISSIONS FOR A NEW MILLENNIUM**)*

## **WORTH NOTING**

An additional file is being distributed along with this RESNOTE containing recent messages concerning the following subjects:

NAVADMIN 213/02 - PERFORMANCE EVALUATION AND COUNSELING MANUAL:

significant changes to performance grading guidance

ALNAVRESFOR 022/02 - DISCONTINUATION OF RESERVE TRANSITION BENEFITS:

significant change - *effective 1 January 2002, to qualify for reserve retirement per title 10 USC 12731, the last eight years of a members service must have been completed in a reserve component. This is vice the last six years as authorized during the period of the RTB program. Refer to Ref B, Chapter 20*

NAVADMIN 215/02 - CHIEF PETTY OFFICER INDOCTRINATION COURSE (CPOIC):  
availability via the internet

NAVADMIN 227/02 - SUBJ/SUSTAINMENT POLICY FOR RESERVISTS MOBILIZED IN  
SUPPORT OF OPERATIONS NOBLE EAGLE AND ENDURING FREEDOM (ONE-EF):

guidance concerning demobilization and/or extension of reservists

COMNAVRESFOR N511 - 2003 COMMANDER, NAVAL RESERVE FORCE

(COMNAVRESFOR) NAVAL RESERVE /POLICY BOARD (NRPB): application guidelines

## **UPCOMING EVENTS**

### **AUGUST**

AUGUST – E4-E6 Advancement Exams, dates vary with RESCEN schedules

12 AUGUST – APPLY Billet Selection Board convenes

19 AUGUST - Reserve CWO3/4 Selection Board convenes

23 AUGUST – APPLY Billet Selection Board adjourns

### **SEPTEMBER**

10 SEPTEMBER - Reserve Major Command Screening Board Convenes

11 SEPTEMBER - FY03 Command Board Results Posted on APPLY website

### **OCTOBER**

OCTOBER – Unit Changes of Command, dates vary with RESCEN schedules

1 OCTOBER – Regional Command Career Counselor applications due to ETCM(SS) Clark

### **NOVEMBER**

11 NOVEMBER – Veterans Day

### **DECEMBER**

7 DECEMBER – Army vs NAVY football

7 DECEMBER – COMSUBLANT Commanding Officers VTC

## **CMC NOTE**

Over the years it has become increasingly apparent that being “connected” is an absolute necessity for our SELRES personnel. Not too many years ago, being connected was either a mere convenience, or was a pseudo essential way for the connected drilling reservist to get current information pertinent to the management of their careers and units. In short, SELRES that were “connected” had an edge over their contemporaries and were recognized as the go-to people for the latest information. It was not a necessity, but rather, a luxury. Today, the Naval Reserve depends on the world wide web and e-mail for distribution of important information. Thus, being plugged in and connected is vital to you and your career. To effectively manage your career, your unit, your travel, and the like, it is essential that perusal of the navy web sites become part of your monthly routine.

For those personnel that are not online at home or at work, the local library is generally a good source of access to the internet. This is a low cost (or no cost) alternative to maintaining internet

access at home and will provide sufficient access to do all of your necessary online work. There are, of course, some limitations to this type of access, but they are, by and large, just convenience issues. If you are not connected at home, check out the library and get acquainted with their internet services.

I have included a “links page” on our “Program One Senior Enlisted Toolbox” disk, which lists some of the important webs you should be familiar with. I have also listed below, a sample of essential sites that I believe should be part of your routine, “must visit” sites. Take a look, and ...get plugged in!

ETCM(SS) Chris Clark

<b>URL</b>	<b>To Access</b>	<b>Information Provided</b>	<b>Note</b>
<a href="http://www.bupers.navy.mil">www.bupers.navy.mil</a>	Bupers Online	-Annual retirement point capture -Annual statement of retirement point history -Advancements	SELRES should visit this monthly Requires 128 bit encryption.
<a href="http://www.dfas.mil">www.dfas.mil</a>	EMSS	Leave and Earnings Statements, Pay and Travel records	SELRES should visit this monthly. Requires 128 bit encryption.
<a href="http://www.navylearning.navy.mil">www.navylearning.navy.mil</a>	E-Learning	All courses, Net-G, a plethora of educational opportunities.	
<a href="http://www.gibill.va.gov/education/c1606pam.htm">www.gibill.va.gov/education/c1606pam.htm</a>	Montgomery GI Bill SELRES	Details of the MGIB as it applies to SELRES	<a href="http://www.gibill.va.gov">www.gibill.va.gov</a> connects you to the gibill site homepage.
<a href="https://hq.cnrf.navy.mil/Default.asp">https://hq.cnrf.navy.mil/Default.asp</a>	Virtual Desktop	Links to many important NAVRES sites. Access to Navy your personal e-mail account.	Great if you use the library for access as you can personalize this page for your “home” desktop
<a href="http://www.nrpdc.nola.navy.mil">http://www.nrpdc.nola.navy.mil</a>	Naval reserve Professional Development Center	Available courses offered at the NRPDC base in New Orleans, LA.	
<a href="http://www.lifelines2000.org">http://www.lifelines2000.org</a>	Lifelines 2000 site	Career info, benefits, deployment info, MWR, Military Life, etc.	A must site for families of mobilized personnel.
<a href="http://www.esgr.org">www.esgr.org</a>	Employer Support of the Guard and Reserve	Rights and responsibilities of service members serving in the National Guard or Reserve. Employer awards program, FAQ's etc.	Another must site for mobilized personnel. Don't wait until you are mobilized to familiarize yourself with this organization.
<a href="http://www.kyloc.com">www.kyloc.com</a>	Army uniform distribution site	To order uniform items (E-6 and below)	Order uniform and uniform replacement items online.

## COMSUBPAC

### ANNUAL TRAINING OPPORTUNITIES

A large number of AT days have become available for use including second ATs. Contact your Unit Training Officer for more detailed information. For those drilling in a non-Program 1 unit, contact CDR Dunan, CSP RLO at (888) 471-9440 or: [DunanGE@csp.navy.mil](mailto:DunanGE@csp.navy.mil) if interested.

## **COMSUBLANT**

### **DECEMBER VTC FOR NEW CSL COs**

Date for CSL COs VTC is 7 December 2002, approx 1300-1500. Attendance is mandatory for new COs but optional for those COs who attended last year. Definitely scheduled VTC sites are D.C., Kings Bay, and New London. Other possible sites (if more than three units sign up for the site) are Bangor, San Diego, Newport, and Atlanta. Due to technical limits of the dial in capacity, COs are encouraged to make arrangements to participate at one of the listed sites.

Outgoing COs should include this requirement in their turnover and have incoming COs identify by the end of the SEP DWE the site they expect to utilize. Any known conflicts with gaining command requirements should be discussed at that time. POC is CDR Kevin Hickey at [kmhickey2@comcast.net](mailto:kmhickey2@comcast.net)."

### **COMNAVSUBFOR CCC SELECTED**

A hearty congratulations to ITC(SS) Tim Wies of NR COMSUBLANT DET 206 who was selected as the COMNAVSUBRESFOR Command Career Counselor.

### **REGIONAL CCC SOLICITATION**

Applications are being sought to fill a Command Career Counselor (CCC) position for each region in the SUBRESFOR LANT claimancy. Duties include, but are not limited to:

1. Serving as the CCC program manager for all units in your respective region.
2. Report to/advise the COMNAVSUBRESFOR CCC with all issues that effect the operation of retention and professional development programs within your region.
3. Providing input and direction to the implementation and operation of CCC programs at the unit level, organizing and assisting unit CCC's.

Regions are the same as the Readiness Commands and will include all units within each Readiness Command Region. Please include the region you are applying for in your application. The regions are:

REDCOM North East; REDCOM Mid Atlantic; REDCOM Midwest; REDCOM Mid South; REDCOM North West; and REDCOM South

This position is limited to SELRES E-7 and above candidates. The selected candidate will remain in a pay billet within their currently assigned unit. Interested applicants are to prepare packages with the following information:

- Copies of all evaluations for the past 3 years
- Commanding Officer's endorsements
- Copy of last PRT results.
- Statement from candidate indicating qualifications and reason to fill the position. (not to exceed one page)
- Home Mailing Address/Home and Work Telephone Numbers/Email address

Applicants should complete their packages and forward them to ETCM(SS) Chris Clark, the COMNAVSUBRESFOR Atlantic CMC, to arrive no later than 01 OCT 02. Send packages to:

ETCM(SS) Chris Clark  
6972 Rushleigh Rd.  
Englewood, OH 45322

The COMNAVSUBRESFOR CMC and CCC will convene a selection board committee to review packages on 02OCT05. The selected candidate will be announced in the November RESNOTE. The selected candidate will commence duties as the Regional Career Counselor on 02DEC01.

### **UNIT EXECUTIVE OFFICER**

Applications are currently being accepted for the position of Executive Officer TRF Kings Bay DET A

**Job Description:** Executive Officer for this ~60 person unit.

**Rank:** O-4 with at least one tour in DH position. Senior LTs will be considered. The preferred candidate will also have had at least one tour in a Program One Unit

**Drilling Location:** Kings Bay, GA

**Commitment:** Ideally, the applicant should be prepared to serve in this position for at least two but no more than three full years to ensure the best command stability.

**Mobilization Status:** Billet Mobilizes to SUBLANT

**POC:** CDR Bill Marriott [bill.marriott@ps.ge.com](mailto:bill.marriott@ps.ge.com) PH: 770-859-7137

### **ANNUAL TRAINING OPPORTUNITIES**

A large number of AT days have become available for use including second ATs. Contact your Unit Training Officer for more detailed information. . For those drilling in a non-Program 1 unit, contact CSL RLO, CDR Tom O'Keefe at (800)-225-4125 or: [okeefetj@hq.sublant.navy.mil](mailto:okeefetj@hq.sublant.navy.mil)

### **CSG-8/COMSUBSOUTH (formerly COMSUBMED)**

Exercise Support Needed: Controllers (1125s with general exercise experience); SAT Officers (qualified with prior experience); SAT Plotters (qualified with prior experience; general plotters and radiomen (no experience required). POC: ETC(SS) Brown, at (248) 435-5595 (w), 810-948-2063 (h), or [pat.brown@arvinmeritor.com](mailto:pat.brown@arvinmeritor.com) .

### **BATTLE GROUP PREDEPLOYMENT EXERCISES**

For Battle Group Predeployment Exercises (COMPTUEX, JTFEX) billets the POC is LCDR Bill Sanford at: [william.sanford@verizon.net](mailto:william.sanford@verizon.net) .