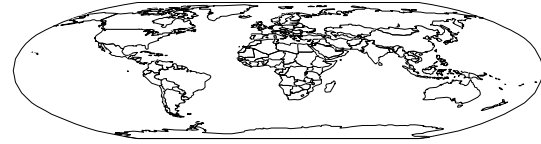


1993 - 2004

# The Cable

Official Newsletter of the IUSS CAESAR Alumni Association

**IUSS / CAESAR**



**Alumni Association**

Volume 7 Number 1

SUMMER 2004

## ***DIRECTOR'S CORNER***

*Ed Dalrymple*

It has been awhile since the last Newsletter so there are many names to catch up on. The Association continues to grow as we are now well above 600 members. You may have noticed that the mailing address for the Association has changed. That is due to the fact that Mary and I have moved to a community (Fawn Lake) in Spotsylvania, VA, which is 10 miles west of Fredericksburg on State Route 3.

Once again I wish to solicit your inputs as to articles, short stories, memories of your life in the System. As of this writing we have exhausted our archives of articles and are in great need to flesh out future Newsletters. They do not need to be Pulitzer Prize winners just stories from the day-to-day happenings in the System and individual NAVFACs written from your own perspective be it military/civilian and/or family member.

In the past we asked for members to advise as to whether they would like e-delivery of the Newsletters and Directories; only nine people responded. I would like to ask once again for members to advise if they would prefer e-delivery of these documents. If enough people requested e-delivery we could potentially cut printing and mailing costs and thus reduce dues and extend existing memberships. This would also reduce an ever-increasing workload on a very limited staff. We have been sending out membership renewal notices and the response has been excellent but there are still some outstanding. If you have not sent your membership renewal dues and have received a renewal notice it would be appreciated if you would remit your dues. In that same vein we ask that you keep us advised of any changes of address.

Congratulations to our Webmaster Rick Matthews and his partner in cyberspace, Russ Lownie for the Association's website being awarded **THE PATRIOTS AWARD** from PATRIOTFILES.COM. This award is presented to sites that produce outstanding military and patriotic content. Thank you gentlemen. Remember the 50<sup>th</sup> IUSS Anniversary Celebration is approaching fast. It is to be held in Norfolk, 17-19 September 2004. Tickets are now on sale so check the website for all the details.

Continued thanks to Jack Holdzkom for his tireless efforts in maintaining the Membership and Memorial databases on behalf of the Assn. **Until Next Time. EKD**

## **26<sup>th</sup> Annual IUSS Camping Trip**

*Submitted by*  
**OTMC Ed Haven, USN (Ret)**

The 26<sup>th</sup> annual IUSS Memorial Day weekend camping trip was held at the US Naval Supply Depot, Cheatham Annex, Williamsburg, VA 28 – 31 May 2004. Sixty-four people including spouses and dependants attended. Many folks in recent years have extended their visit for several days in order to enjoy the golf, fishing, attractions, and shopping offered in the Williamsburg area. Busch Gardens, Water Country USA, Pottery Factory Outlet Mall, other outlet malls, and Colonial Williamsburg are only a few of the “must see” attractions within a few miles of Cheatham Annex.

Most campers arrive sometime Friday and leave on Monday. Cheatham offers camping sites with water, power, cable TV/HBO, and sewer facilities. Pop-up campers, tents, and fishing equipment etc, are also available for very reasonable rates. Reservations are made by Ed Haven 6 months prior to Memorial Day. Sites are limited, however, but somehow we have always been able to accommodate everyone wishing to attend in past years. This year we even had 2 or 3 pop-ups on the larger sites. (Not recommended but doable).

Friday night is traditionally venison stir-fry provided by Ed Smock with everyone bringing a covered dish. Saturday evening is always charcoal pit cooked eye round provided by Doug Simon and Jim Lapp with covered dishes provided by other campers. As always we have enough food to feed everyone.

Any one wishing to attend next year should contact Ed Haven, Jim Lapp, or Doug Simon before November 1<sup>st</sup>. Email is preferred but phone is OK too. Everyone attending this year is already on next year's list.

# **SUCCESSFUL TESTING HIGHLIGHTS CAPABILITIES of ADS for ASW, MARITIME SURVEILLANCE**

*by*

**Maria Zacharias  
Naval Sea Systems Command Public Affairs**

The Advanced Deployable System (ADS), an undersea surveillance system for shallow water littoral missions, successfully completed dual-array testing off San Diego in mid-November 2003.

The system, one of several anti-submarine warfare (ASW) mission modules to be carried on the Littoral Combat Ship (LCS), successfully transmitted data from two arrays on the ocean floor to a processing site on shore. Using Advanced Rapid COTS (commercial off-the-shelf) Insertion technology, the data fed acoustic displays in a shore facility, where they provided a real-time tactical picture of a target of interest over a long period of time.

ADS arrays are made up of acoustic sensors that are connected by cable and laid on the ocean floor in configurations that can cover a wide field for broad surveillance, or focus on a narrow passage, effectively forming a barrier to vessels entering the area. Using fixed, passive surveillance, ADS is rapidly deployable and self-powered.

ADS is modular and configurable for specific missions. Acoustic data is transmitted to the processing site via a wireless link. ADS provides a complete maritime picture with its capability to detect not only submarines, but merchant shipping and small craft, as well.

ADS will provide the Joint Maritime Task Force Commander a new capability to perform the maritime surveillance mission in the contested and acoustically cluttered littoral environment in a rapid and flexible manner. During its developmental testing, ADS has demonstrated detection of diesel-electric submarines, and mine-laying operations.

“ADS has shown that it’s more than an ASW asset,” said Program Manager John Thornton, “the system has demonstrated the capability to track all targets of interest, whether at the surface, subsurface or ashore.”

When eventually adopted for the LCS, ADS will extend the tactical horizon of the LCS platform by 30-80 km. Under current schedules, ADS will be demonstrated on a deployed surface ship its passive acoustic off-board sensor capability in fiscal year 2005. Development of LCS deployment ADS is scheduled to commence in fiscal year 2006 and be completed in fiscal year 2008 when operational evaluation is complete

# **LCS MISSION MODULES TEAM with MARITIME SURVEILLANCE SYSTEMS**

*Submitted by Naval Sea Systems Command Public  
Affairs*

Taking a page out of industry’s playbook, the Littoral Combat Ship (LCS) Mission Module Program Office and Maritime Surveillance Systems are teaming to tackle the off-board active capability on the LCS.

Maritime Surveillance Systems is currently developing the Advanced Deployable System (ADS), an underwater surveillance system, as a “mission module” asset for the LCS program. This off-board active capability will enhance LCS with an over-the-horizon active capability, to combat modern diesel submarines and mine-laying operations in the near shore region, without being detected.

“This capability will extend our large area coverage well beyond the line-of-sight, and provide the theater Commander with detections not measured in yards but tens of miles,” said Capt Walter Wright, the program manager for LCS Mission Modules.

The teaming arrangement is following Assistant Secretary of the Navy (Research, Development and Acquisition) John Young’s vision of synergies of effort. The LCS Mission Module concept is a direct result of this vision. Co-sharing development also supports Maritime Surveillance System’s mobile acoustic surveillance ships and LCS active capability, ensuring that valuable resources are focused on addressing a common need.

“It’s a perfect fit!” noted CAPT Pat Seidel, program manager for Maritime Surveillance Systems. “We’re working side-by-side with the LCS Mission Module Office in the development of ADS, and we saw an opportunity to join forces in the active arena.”

Mission Module Program Office and Maritime Surveillance Systems are assigned to the Program Executive Office (PEO) for Littoral and Mine Warfare (LMW), whose charter is focused on dominating the littoral environment. The current Program Executive Officer Rear Admiral William Landay has made a priority of co-development across program office boundaries. “We have a tremendous opportunity to leverage technologies not just inside PEO LMW, but across System Commands. I’ve challenged my team to look outside the bounds of its own office,” explained Landay.

Maritime Surveillance Systems brings technical expertise in long-range, active capabilities to the Mission Module Program Office and Maritime Surveillance Systems team, and has proven that capability in the tactical environment. The team will be working closely with industry and the naval warfare centers in concept development and implementation.

An off-board transmitter with multiple off-board receivers is the vision for LCS, within the scope of today’s technology. This off-board transmitter could be leveraged by a host of other receivers in a multi-static mode-surface combatants, submarines, ADS and bottom-moored distributed systems.

“An off-board, long range active capability will help turn the tide in undersea dominance,” said Landay.

# Evolution of SOSUS/IUSS Signal Processing

## (Part 2 of 2)

*Submitted by Jim Weinel – Resident Engineer*

Beginning in 1981, all SOSUS sites were backfit with the second generation of true digital processing systems, the COPS II and RTSP II; replacing the DSA equipment but retaining the electromechanical paper display consoles. The COPS II and RTSP II systems were based on the Synchronous Distributed Processor (SDP), the first general purpose, programmable digital signal processing computer specifically designed for SOSUS/IUSS applications. The SDP was a programmable computer with a large through-put capacity and architecture specifically designed to facilitate signal processing. Software loaded in memory chips controlled the algorithms to be performed by the SDP, consequently, the SDP performed COPS beamforming or RTSP analysis functions by proper selection of software, memory, and input/output interfaces.

The RTSP II systems also included the first system-wide implementation of automatic detection of acoustic signature components of submarine contacts. The Bell Labs Computer Alerted Surveillance System (COMPASS) was loaded as an algorithm in the AN/UYK-20(V), a U.S. Navy general-purpose computer system. The SDP backfit (1981-84) was the first SOSUS use of standard military computing hardware. This major upgrade to all sites also replaced the 1960's vintage (vacuum tube) hydrophone channel shore amplifiers with Solid State Hydrophone Amplifiers (SSHAs) that were based on integrated circuits and offered improved amplification and performance characteristics.

Tape recording equipment was replaced with the AN/USH-31(V) Navy ASW standard analog magnetic recorder. Previous, limited data transmission facilities were replaced with a four-channel, Secure Acoustic Data Relay (SADR) system for transmitting acoustic data grams to the Main Evaluation Centers at Norfolk, Virginia and Ford Island, Hawaii.

At the completion of the SDP backfit in 1984, SOSUS shore processing equipment had been upgraded from the point that the hydrophone signal left the cable transmission system to the input of the display device. That display device continued to be the DSA-era Sonar Data Recorder with its moving stylus and electrically

sensitive "dirty" paper; so called because of the carbon black residue from the gram writing process.

In the interest of saving money through reduced military manning and downsizing of facilities, SOSUS system consolidation was begun in the early 1980's. Military funding would be saved when the data processing and analysis functions at several SOSUS facilities were relocated from the shore terminal site to a regional processing facility. The first Wideband Acoustic Data Relay (WADR) system was installed at Midway Island in January 1982, to transmit the acoustic data received on the two SB coaxial systems to the Naval Ocean Processing Facility (NOPF) at Ford Island, Hawaii. This WADR I system is an SDP system programmed for wideband data transmission. Additional facilities were later downsized and remoted to NOPFs: San Nicolas Island and Point Sur (1984); Barber's Point (1985); Pacific Beach and Coos Head (1987) and Bermuda (1992). A second generation remoting system WADR II, based mostly on commercial hardware, has been used to link additional sites to processing facilities: Adak (1993), Argentia (1995), and Special Projects (1997-98).

The fourth generation of Sonar Sets came with the installation of Lightweight Undersea Components (LUSC) system at Dam Neck, Virginia in March 1984. LUSC technology is a lightweight, improved capacity cable transmission system that utilizes the SD-C shore High Voltage Power Supply and Receiver Group along with a LUSC-specific channel demultiplexer cabinet. The COPS II/RTSP II signal processing was maintained, but in the early 1990's, the paper gram displays were finally replaced by the SOSUS Workstation (SWS), which is a graphical display system based on Navy standard Desktop Computer equipment (DTC-II). The prototype Fixed Beam Workstation (FBWS) was installed at Dam Neck in February 1990, and the first production SWS replaced the FBWS in February 1992.

The current generation Sonar Set, the fiber optic based Fixed Distributed System (FDS/UWS, also known as Undersea Lightwave Surveillance System (ULSS) was first installed at a site in June 1994. In a subsequent installation at a Joint Maritime Facility, the COPS II/RTSP II processing systems were replaced by the present state-of-the-art Surveillance Direction System and Information Processing Segment (SDS/SSIPS) systems. SSIPS has subsequently been installed at other selected facilities. It is expected that the next major upgrade to IUSS signal processing will result from the competition for the next generation Sonar Set: FDS-C.

# PEOPLE NEWS – SUMMER 2004

**STGCM (SW) PAUL ABNEY, USN** is in Virginia Beach, VA where he serves as Command Master Chief for NOPF Dam Neck. **Ex-OTA1 LARRY ANDERSON, USN** resides in Lehigh Acres, FL. **Ex-OTA RUTH AKSTIN, USN** lives in Juneau, AK where she is a registered nurse. She is planning to enlist (and may have done so as of this writing) in the Army National Guard Nurse Corps. She is married with 3 teenagers. Ruth shared the following thought for the day: “a single fleeting touch may make all the difference in the world to someone”. **Ex-OTA2 DONALD ALLMAN, USN** is in Key West, FL. His last system tour was at NOPF Dam Neck, 1994-96. **Ex-OT DON BAKER, USN** is in Kota Kinabalu, Malaysia. He is a coral reef manager/biologist for Reef Guardian/Sugud Islands Marine Conservation Area/Sulu Sea/Sabah, Malaysia. **OTMC RANDALL BAKER, USN (Ret)** is in Virginia Beach, VA. He is retired, divorced, hunts, fishes and fixes computers. **CMSGT WALTER BARBKNECHT, USAF (Ret)** resides in Michigan City, IN. He was stationed at NAVFAC Nantucket, 1962 –1963. **Mr. EDGAR BATES** lives in Alexandria, VA. He initially worked for ENSCO, Inc. as the IAP field rep. He is currently involved with strategic planning for OPNAV in the area of Network Centric Warfare and was the OPNAV OP 61 representative to the CNO’s Task Force ASW, which is chartered to revitalize USW as a core competency within the Navy. **Mr. WILLIAM BEHN** is in Lady Lake, FL. His last system tour was at NavFac Bermuda, 1965-67. **STGC JAMES BENNETT, USN (Ret)** and wife Carolyn are in Indianapolis, Indiana. Carolyn is the daughter of JOCS Raymond Mahon, AFRTS DET 1 OinC in the early 80’s in Argentina. Jim is currently working at Mahoney Chevrolet. **STG2/OTM2 JERRY BERCH, USNR** in Virginia Beach, VA. He retired from the Naval Reserve in April this year. Currently employed by Northrop Grumman as a Logistics Engineer. **Ex-OTA REGINA BINGHAM** resides in Henderson, NV. After leaving the Navy she remained in Federal Service rising to GS-15. She is semi-retired and is starting a new career in Las Vegas.

**Mr. HAL BIRDSONG** and wife, Yvonne are living in Winston-Salem, NC. They have 3 sons. Hal co-hosts the NAVFAC Eleuthera website and was the primary organizer of the recent Eleuthera reunion that was moved to accommodate Hurricane Isabel. **OTAC SUSAN BLANCHE, USNR** is in Mesa, Arizona. She is a single parent with one daughter. Currently employed as a Human Resources Director with a local healthcare company. Susan indicates she welcomes email from old shipmates and friends. **Ex-OTAC LEA KELL BOLIN, USN** and husband Dwight are in Virginia Beach, VA. Since leaving the Navy in 1994 Lea earned her certification as a Registered Nurse and is a Labor & Delivery Nurse at Sentara Virginia Beach General Hospital. Dwight is a System Engineer at NOPF and CUS. They have 3 children: 15, 11 and 5. **OTCM ALAN BRANDT, USN (Ret)** lives in Chesapeake, VA. His last system tour was at NOPF Dam Neck as OPS LCPO, 1991-1994. **Ex-OTA1 JOEL BRAY** is in Concord, NC. **OTMC ROBERT BRISTOW, USN (Ret) & YNC KATHERINE BRISTOW, USN (Ret)** are in Virginia Beach, Virginia. He is currently the Facility Security Officer for a Defense Contractor. **OTA1 MARJORIE BROWN, USN (Ret)** resided in Santee, CA. but is heading to Washington state with her fiancé’ to enjoy retirement. **Ex-LTjg WARNER BULLOCK, USN** and his wife Mary are in Springfield, MO. They have 3 children and 4 grandchildren. Warner is retired but does volunteer work driving Veterans to VA Hospitals and at the Air & Military Museum of the Ozarks.

**YNC (SW/AW) BERNIE BURAWSKI, USN (Ret)** is in Altamonte Springs, Florida. His system tour was at Trinity, Halifax, Nova Scotia, 1995-97. **STG1 HOWARD BURDETT, USN, (Ret)** is in Oak Harbor, WA. **Mr. AL BURROWS, AT&T/WECO** resides in Fortuna, CA. He was the Resident Engineer at six SOSUS commands. He retired in 1994. He is proud to have been associated with the system and the people who served in it. **STGCM MICHELE CALVIN, USN (Ret)** is currently stationed at NOPF Whidbey Island and resides in Oak Harbor, WA. She says she was also known by names of Michele Legel and Michele Marquart. **Ex-OTA2 PJ CAMPBELL, USN** is in Moccasin, MT. **OTCS STAN CARMIN, USN (Ret)** retired from his position as Commander Undersea Surveillance N2 earlier this year. **CDR MARK CHUPICK, USN** is in Arlington, VA. **LCDR GREGORY CLARKSON, USN (Ret)** resides in Valrico, FL with his wife Susan. He is currently employed by Marconi Communications Federal. Greg was an OT prior to being commissioned in 1977. (No relation to **STGC GREG CLARKSON, USN (Ret)**). **OTCS TERRY CLARY, USN (Ret)** retired from government Civil Service earlier this year. **ETC PAUL CLASEN, USNR** is in Forest Lake, MN. His last system tour was at NavFac Adak, 1975-76. **OTAC TERRY CLOWER, USN (Ret)** is in Fox Harbour, Newfoundland. **CTRC ANTHONY COLE, USN** resides in Oak Harbor, WA. He had tours in both SOSUS and SURTASS. **Mr. GARY CORBITT, CF (Ret)** is in Irvine, CA. He retired from Raytheon/Hughes Aircraft Company in 1999 after 24 years. He is now the Technical Director for FORELL Enterprises, Inc. in Buena Park, CA. **LT TIMOTHY CORNETT, USN (Ret)** resides in Warrenton, Virginia with his wife **Sandra** who serves as a **CDR, USNR**. Both are former OT’s.

**OTMCS JOSEPH COWDRICK, USN (Ret)** is in Maidens, Virginia. He retired from active service in 1993. He raises and shows Welsh Springer Spaniels as a hobby. **CAPT DUANE COX, USN (Ret)** remains in Eden Prairie, MN where he serves as Commanding Officer of the Planes of Fame Squadron at the request of Admiral Smith of the Association of Naval Aviation. **Ex-OT1 JAMES CURCIO, USN** is in Springfield, VA with his wife, Gail and daughters Nicole and Ashlee. He is employed by GD-AIS (formerly DSR, Inc.) as Lead Systems Engineer Advance Processor Build (APB) Tactical Combat Control System. **OTCM IRVING DeMATTIES, USN (Ret)** resides in Queensbury, NY with his wife Linda. Irv is organizing a NavFac Pacific Beach, WA reunion to be held in the near future. **NCC GORDON DALY, Sr., USN (Ret)** lives in Amherst, NH with

his wife Ellen, 3 children, 7 grandchildren and 2 great-grandchildren. He was the 1<sup>st</sup> person in the Navy Counselor rating ordered to the System, and served on COSL Staff 1975-78. His hobby is antique cars. **RMC LEA DAY, USN (Ret)** is in Portland, Oregon. She is a NOPF Ford Island Plank Owner. Although permanently disabled she is an avid reader and pursues various hobbies and interests. **STGC WILLIAM DeBARGE, USN (Ret)** is in Virginia Beach, VA. He retired in February 2004. **LCDR SUSAN DENI, USN** lives in Alexandria, VA. Her system tour was at NOPF Dam Neck, 1989-92. **Ex-ETN2 JOHN DiBLASI, USN** resides in Scottsdale, AZ. His last system tour was at NavFac Bermuda, 1962-63. **AWC JOHN DUBAY, USN (Ret)** resides in Orange Park, FL. He reports he is remarried and gainfully employed. Now that John has joined we have our 1<sup>st</sup> Father-Son members as he joins his son **MSGT Bill Johnson, USAF**. John's last system tour was at NavFac Brawdy, 1977-81).

**Ex-OTA1 BRIAN DUPREY** resides in Hampden, Maine with his wife Carole and five children. Brian is an elected State Representative for the State of Maine. **CDR JENNIFER DYER, USN (Ret)** resides in Hemet, CA. She served as MECWO/CCWO at COSL, 1985-87. **LCDR KIMBERLY ELMER, USN** is in Jacksonville, FL. She served as a MECWO at COSP, 1985-88. **Mr. HIRAM ESCABI, Jr. (TRW, Inc)** resides in Germantown, MD with his wife Catherine and daughter Emily Maria. Hiram has a long association supporting IUSS as a civilian engineer for TRW (now Northrop Grumman). He is currently working on aviation weather radar systems. **Ex-OTA RITA EVANS, USN** is in Arlington, TX. She was employed by Hughes as a SURTASS ship rider and later was with BBN/Lockheed Martin as an IUSS instructor. **CWO3 R.J. EVERS, USCG (Ret)** is in Mt. Pleasant, SC. He was an STG3 at Antigua 1967-1969. He left the Navy in 1969 and joined the CG in 1972 and retired in 1995. He is currently a photographer, actor, special-effects artist, painter and independent film producer. **STG1 (OTA) ROBERT FELLER, USN (Ret)** resides in Chesapeake, VA and is employed by Anteon Corp. as an ASW/Ops Analyst at COMSURFARDEVGRU, Little Creek Amphibious Base, VA. **Mr. KENNETH FORBES** is in Puyallup, WA. His last system tour was at NavFac Pacific Beach, 1977-78. **STGC TROY FURMAN, USN (Ret)** is in Oviedo, FL with his wife Michele and 2 sons, Eric and Nick. He is employed as a government computer engineer in Orlando. **NCC (SW/AW/IUSS) GRETA GARY, USN** is in Virginia Beach, VA with her husband Jerry, son Cameron and daughter Mariah. She is currently assigned to NAS Oceana, CVW8 and plans to retire in 2005. **LT HARRY (PETE) GAULT, USN (Ret)** is in Lusby, MD. He retired from the Navy after 22 years, then from EG&G and again from Northrop Grumman. He lives by the Bay in Southern Maryland. **Ms. JEANETTE GENOVESE** is in Cranston, RI. She owns a pet sitting business and sells real estate. Her website is [www.justforpugs.com](http://www.justforpugs.com).

**Ex-OTA DONALD (CHIP) GERRISH** resides in Chesapeake Beach, Maryland. His last system tour was at JMF, St. Mawgan, UK 1995-99. **OTMC HAROLD (BUD) GIBSON, USN (Ret)** resides in Knoxville, Tennessee. Last tour was at Centerville Beach, CA., 1989-93. **OTCM (AW) HENRY GILSON, USN (Ret)** resides in Meridian, MS. He is currently employed as a Safety Specialist at NAS Meridian. **LCDR JANET GLOVER, USN (Ret)** retired on 12 January 2004. **Ex-OTA2 LYNN GOLDHAMMER, USN** is in Seattle, WA. Her last system tour was at COSL, 1986-88. **OTC MIKE GOLIO, USN (Ret)** underwent very serious heart surgery earlier this year. Although he continues to be experiencing some difficulties he is progressing well, is in good spirits and has not lost his sense of humor. All the best Mike. **CWO2 JIM FLASH GORDON, USN (Ret)** resides in Peach Springs, AZ with his wife Kelly. He has two daughters, Shannon and Daron, a son Seamus and grandson, Blaise. He is currently a high school principal.. He was an elementary teacher prior to his current position. **CTM1 (Ex-OTM2) PATRICK GRIFFIN, USNR** is in Catonsville, MD and works at Fort Meade, MD for government Civil Service. His last system tour was at Brawdy, Wales where he was the SDP/FDS/IAD/IAP and UNIX (UCP) guru. **OTAC BILL HAARS, USN (Ret)** remains in Leesburg, FL where he is the Managing Director of Phoenix Tax Services. **OTACS JACK HALLOWELL, USN (Ret)** resides in Suffolk, VA. He last served at COSL, 1984-88. **OTAC BEN HAMILTON, USN (Ret)** is in Virginia Beach, VA. He currently is employed by Prosoft Engineering training Coast Guard personnel in the use of new hardware for Homeland Security.

**Ex-OTA1 JULIANNE HART, USN** residing in Anchorage, AK is a single mother of 3 girls and grandmother of a 7-month baby girl. She is currently a construction laborer, working as a traffic supervisor. "Life is good, SOSUS taught me so much!" **NCC LOUIS HASKINS, USN (Ret)** is in Jacksonville, FL. He went from SO2 to OTC to NCC. System tours were in 1960-71 timeframe. **Ex-OTA CASSIE BARTHOLOMEW HEAD & STG1 JIM HEAD, USN** were married 24 January 2004 and reside in Oak Harbor, WA. **Ex-Lt ACHILLE (JAY) HEBERT, USNR** lives in Ontario, California with his wife, two daughters, ages 13 and 3 and one son, age 5. Jay is the Senior Quality Engineer for Alsius, Corporation in Irvine, CA. He served on Staff, CNFJ, 1970-72. **OTACS ROBERT HENSHAW, USN (Ret)** and wife of 37 years, Patricia reside in Weedsport, NY. They have two daughters, Dana & Stacie. Bob is now fully retired. **CWO2 JIMMY HICKEY, USN (Ret)** resides in Falls Church, VA with his wife of 44 years, Betty Lou. They have 5 children and 9 grandchildren. Jimmy is a Program Manager for CSSI, Inc. and is an active member of Vietnam Vets M/C USA. **SK1 (Ex-OT) JOHNNIE HOGGARD, USN** is in Newport News, VA. He converted to SK in 1996. His last system tour was at JMF, 1995-96. **OTCM RICHARD HOFFMANN, USN (Ret) AND MCPL JANICE LINDSAY HOFFMANN, CF** reside in Dale City, VA. **OT1/STG1 RICHARD HOLLAND, USNR** serving on active duty for Operation Iraqi Freedom with NCWG-1/MIUW109. **PO2 STEVE HOPPER, CF** is in Hubbards, Nova Scotia. He was attached to HMCS ATHABASKAN, 1989-92. **Ex-OTA2 MARY HANCOCK HUGHES, USN** lives in Great Mills, MD.

**OTMCS ARTHUR HUSEONICA, USN (Ret) & Ex-OTAC KAREN CARLSEN HUSEONICA, USNR** reside in Crofton, Maryland. **Ex-SOG2 THOMAS HUTTER, USN** is in Livingston, NJ. He is a retired Fire Captain having served for 35 years with the Irvington, NJ Fire Department. He is looking to relocate but doesn't know where as yet. He welcomes any suggestions. **CAPT PAUL JACOBS, USN (Ret)** is in Herndon, VA. Paul was assigned to PME-124 and headed the cable and ship operations division in 1979. **OTAC WALTER JACKSON, USN (Ret)** and wife Susan are in Ririe, ID where he is caretaker for Painted Porch Ranch which he describes as 2300 acres of breathtaking views and animal life: Gold eagles, Bald eagles, Elk, Moose, Deer, Coyotes, Mountain Lions, etc. **CDR JAMES JEFFREY, USN (Ret)** resides in Virginia Beach, VA. He is currently employed by a defense contractor at IUSS LOGSUPFAC, Little Creek, VA. **Mr. THAD JILES** is in Bolivar, MO. His last system tour was on COSL Staff, 1986-89. He is a cross-country trucker and loves it. **Ex-OTC PETE JOHNSON, USN** is in Fort Myers, Florida. **Ex-OT2 WESLEY JOHNSON, USN** is in Eureka, CA. His last system tour was at COSP, 1975-77. **MSGT WILLIAM JOHNSON, USAF** is assigned to Andrews AFB, Maryland. His father is AWC JOHN DUBAY, USN (Ret) who was stationed at NavFac Brawdy, 1977-81. **Ex-LT RICK KAISER** remains in San Diego working for what is now Northrop Grumman. Wife Kris recently received her certification as a CPA. Son Jeff is hoping to work as a Hollywood stunt man, but his everyday job is a mortgage broker. **LT (Ex-OTA) KATHLEEN COLLMANN KERSHNER, USNR** is in Bellingham, WA with her husband John and three children. She has served in the Reserves since 1988 and was selected for LDO in 1997. She drills at Wing 10, NAS Whidbey Island. She is a self-employed evaluator for the State of Washington and would love to hear from her OT shipmates.

**OTAC (AW) MICHAEL KILPATRICK, USN (Ret) and OTA1 (AW) CYNTHIA KILPATRICK, USN (Ret)** reside in Virginia Beach, VA. **CAPT PENNY KING, CF (Ret)** lives in Avonport, Nova Scotia. She has been retired since 1983. **Mr. KEN KIRK, USN(Ret)** is in Virginia Beach, VA. He served at Naval Facilities and onboard SURTASS ships. **STG1 (Ex-OTA1) LISA KNIGHT, USNR** lives in St. Cloud, Florida. Her last system tour was at JMF, St. Mawgan. **STG1 HAROLD KOGUT, USN** is in Virginia Beach, VA and is assigned to NOPF Dam Neck. **Ex-STG3 DOUGLAS KUEHL** and wife Kathy reside in Thousand Oaks, CA. He retired from the U.S. Department of Justice in 1996 and has been a consultant since that time. His one system tour was Bermuda, 1964-65. He and Kathy recently traveled back to Key West. They were able to get on Base and saw what was left including the Fleet Sonar School buildings that now house the Joint Task Force (Drug Interdiction) and the old FSS 3 housing units they lived in. He enjoyed seeing Fort Zachary Taylor which was under the sand when he attended 560G & O schools in 1963/64. "I remember standing beach patrol and walking over it without knowing the significance of what was under the sand." **CWO4 MICHAEL LAMCZYK, USN (Ret)** is in Manassas, VA and is employed by Marine Acoustics, Inc. as a Senior Engineer. **Ex- SK2 SANDRA PETERSON LAWRENCE, USNR** is in Big Bear Lake, CA where she resides with her new husband (re-married 2004). She is in the Active Reserves and drills at Port Hueneme with a "Sea Bee" unit. Sandra is LPO of the Admin Dept. She has one son, 18 with former husband OTA2 Steve Gillespie; adopted two girls from Foster Care as a single parent. Her youngest girl was lost in a car accident. Sandra is the Accounting Manager at Northwoods Resort & Conference Center at Big Bear Lake.

**Ex-OT2 BOB LAWSON, USN** is in Bristol, RI. He is married with 2 sons and currently is employed by Raytheon as a Senior Software Engineer on the DD (X) program in Portsmouth, RI. **LCDR MARY LEE, USN (Ret)** lives in Fredericksburg, VA. Her last system tour was at NOPF Ford Island ('83-'85). **OTMC ROBERT LEHMAN, USN (Ret)** is in Port Orchard, WA having relocated from Guam in 1991. He retired in 1976 at a joint ceremony with OTC Dave Wakeman. Sadly, his wife of 26 years, Vicky passed away in 1993. He has two married daughters, 4 grandchildren and 2 great grandchildren. He worked for the Guam cable TV for eight years and Navy PWC for 7 years. **STGCM PAULA LICHVAR, USNR** is in Brewerton, NY. She is current Command Master Chief, Naval Reserve Center Syracuse, NY. Her last IUSS assignment was at RTF, Dam Neck, 1989-92. **Mr. CHARLES LINDQUIST** is in Youngsville, PA. His last system tour was at NAVFAC Eleuthera, 1972-73. **STGCS RAUL LOPEZ, USNR** resides in Fredericksburg, VA. His last system tour was at NavFac Keflavik, 1985-86. **Ex-RM DENNIS MAHONEY, USN (Ret)** lives in Westfield, NJ. He has two children and is employed by an Electric/Gas Utility. **OTCS DAVE MANNEY, USN (Ret)** and his wife Mary remain in Sherwood, Michigan and recently celebrated their 45<sup>th</sup> wedding anniversary. Congratulations! Dave says Mary has rewritten the book on cancer survival as she continues to hold her own in her battle with cancer. **STG (AW) JONATHAN MANN, USN (Ret)** is in San Antonio, TX. 20 years of his Navy career was as an OT. **Mr. JAMIE McCUAIG, USN (Ret)** is in Kent, WA. He is a Civil Service employee working at NOPF Whidbey Island. **OTAC SAM McKENZIE, USN (Ret)/CAROL McKENZIE, USN**, a Surface Warfare Officer live in Elizabeth City, NC. **Dr. (Ex-OTA1) SUSAN McPHERSON, USN (Ret)** resides in Egg Harbor Township, NJ. She is medically retired from the Navy. She earned a PhD in Psychology and practices at the Veterans Center in Ventnor, NJ. **Mr. DANIEL MENDIGUCHIA** lives in San Diego, CA with his wife and one child. He works as a contractor at SPAWAR Systems Center.

**Ex-STG3 PAT MENDOZA, USN** is in Denver, CO. His last system tour was at COSL, 1965-68. **Mr. STEVEN MILLER** resides in Colorado Springs, CO where he works as a Senior Software Engineer for Hewlett Packard. His last association with the system was supporting RTF Centerville from 1977-1984, developing training curriculum and lab exercises for SVM (System Validation Model, remember?) subsystems. **Mr. JAMES (PETE) MOGER** and wife, Deena reside in Ocala, FL. He was stationed at Grand Turk and Nantucket, 1956-59. He left the Navy as an SO1. He is retired from AT&T and was an Area Manager for call servicing. They have two daughters and two granddaughters. **M/Cpl IRENE MOODIE-JOHNSON, CF,**

husband **Ex-OT SCOTT JOHNSON** and 2 children live in Grand Island, NE. **STGCS KATHERINE MORTON, USN/ PO2 PAUL MORTON, CF** are in Oak Harbor, WA. Katherine is currently stationed at NOPF Whidbey Island. Paul is assigned to HMCS Vancouver. **OT2 NANCY MULL, USNR (Ret)** is in Leesburg, GA. Her last system tour was at NavFac Barbers Point, 1983-84. **Ex-STG2 JOHN MUELLER, USN** and wife Helen reside in Nottingham, MD. They have two grown children, Cheryl and Brian. John and Helen are both retired from Verizon Communications. **Ex-LT LYN (WIFF) NADEAU, USN** resides in Rollingbay, WA. Her last system tour as NavFac Point Sur, 1977-79. **OTM1/STG1 TED (TJ) NAGAMINE, USN (Ret)** is working as a DoD contractor in Misawa, Japan. **STGCM NANCY NICKEL, USN** is assigned to NETPDT, Pensacola, FL. She anticipated being reassigned to NOPF Whidbey Island, SURTASS DET in July. **OTAC (AW) JOHNNIE NOEL, USN (Ret)** recently moved to Tucson, AZ. **CAPT CHERYL OAKLEAF, USN (Ret)** resides in San Diego, CA. She retired in September 2000 and is currently employed as a government civilian at SPAWAR Systems Center, San Diego.

**STGC KIM PELKE, USNR** is in Norfolk, VA. and is currently assigned to MIUWU 206. **Mr. VERNON (HANK) POWELL** is in Greensboro, NC. Hank was the WECO (AT&T) resident engineer at various NAVFACs and on a variety of SOSUS projects. He was a developer of the Underwater Sea-Plow used to bury cables. They have an annual family reunion in Barbados. **NCC KRIS PRESSON, USN (Ret)** is in Buffalo Grove, Illinois. She converted to Navy Counselor in 1997. She retired in 2003. **CAPT LYNNE PUCKETT, USNR** is in Billings, Mt. Latest system tours included NOPF Dam Neck, and QRSS program with SPAWAR. **Mr. EDWARD PURDY, CF (Ret)** resides in Kitchener, Ontario. His tours included Argentia and Halifax. **OTA1 RICHARD RACHO, USN (Ret)** is in Columbus, GA where he is employed by Matsushita Industrial Corporation of America as a Systems Analyst. Upon retirement he earned a BA from Columbus State University in Computer Information Management. He is presently working on his Masters and PhD in Computer Science/Management. He has his dog, truck, boat and is trying to live the good life. Go for it Rocky! **OTMC (SS) BENJAMIN RAUGH, USN (Ret)** is in Virginia Beach, VA. He is in the bait and tackle business and plans to travel the country in his F-450 Turbo-Diesel and a 36ft 5<sup>th</sup> Wheel with 2 slides. **Ex-OTA3 ERIC RICHARDSON, USN** is in Ft. Worth, Texas. **STGC TIMOTHY RIDLEY, USN** and wife Sarah recently moved to West Branch, Michigan. Sarah nee: Clermont, is a former OT. Tim is currently at NOPF Dam Neck where he is the OPS Dept. Training CPO. **Ex-OTA1 JEAN ROBINSON, USN** resides in Virginia Beach, VA. She is currently a Senior Analyst for the Advanced Combat Direction System. Jean was the test director on the first SURTASS mission. **STG1 JOHN RODRIGUEZ, USN** is in San Diego, CA. His last system tour was at CUSP. **CNOCM (AW) SUSAN SANSON, USN (Ret)** had her retirement ceremony 9 July 2004 with actual retirement date of 01 October 2004.

**Ex-SOO2 RONALD SCHEPPMAN, USN** resides in Beulah, MI. He retired from Ameritech in 1994 and now spends his time hunting, fishing, golfing and carving gunstocks. **CMDCM KELLY SCHNEIDER, USN** is currently serving on board the USS LEYTE GULF (CG 56) as Command Master Chief. **Ex-RM2 STU SCHROCK** resides in Stevenson Ranch, CA with his wife Michelle and two sons. Stu is Director, Corporate Aviation and Director of Safety for Ameriflight, Inc. Stu writes: "The reason I am writing this is not just a walk down memory lane. I really feel I owe you, and your wardroom and CPOs a true debt of thanks. Joining the Navy turned out to be a cold, scary and humbling experience; nothing like I expected. In a matter of minutes I went from being a rather spoiled little rebel to a non-rated seaman recruit and one without much in the way or rights or privileges. I didn't know what to expect when I arrived at NAVFAC Point Sur. Being fresh out of the training commands I had nothing but bad pictures painted. To my surprise I found that I was welcomed and made to feel that I was conducting an important and professional function. I was made to feel value and respected by my shipmates, enlisted and officer alike. I learned to observe your warm and jovial personality in the way you fostered your junior officers and taught them to respect each other as well as their subordinates. At any rate, I deeply believe that is was my experience at Point Sur that taught me many of the skills and values that have allowed for much of the success in my professional life. I arrived at Point Sur a high school dropout without direction and left your command with the tools, the courage and the motivation to succeed. And succeeded I have." **OTAC PATRICK SCHUETT, USN (Ret)**, wife Rita and two sons are in Waianae, HI. Daughter Beth is in Reno, NV. The proud grandfather of 9 grandchildren he is currently employed as a Business Manager and Facility Security Officer for Lockheed Martin Orincon Defense in Kailua, HI.

**OTA1 BILLY SCHULTZ, USN (Ret)**, wife Hiroko and 5-year old daughter are in Misawa, Japan. Billy is employed by SAIC. **ITC ROBERT SEITZINGER, USN (Ret) & wife STGC TINA MERTZ SEITZINGER, USN** both former OTs reside in Virginia Beach. Rob retired in July 2004 and was last stationed on the USS NASSAU. Tina is now the LCPO of the Basic, the Advanced Analysis and the Maintenance Courses at the former ASW Training Center, which is now part of the Submarine Learning Center. **STGCS (Ex-OTA2) BENJAMIN SHAW, USN** is in San Diego, CA. His last system tour was at JMF, 1995-2000. **Ex-OT1 MARY SHAW, USN** is in Smithfield, VA. Her last system tour was at CUSL, 1992-93. **CDR WILLIAM SHIELDS, USN (Ret)** is in Las Vegas, NV. After retiring from active duty in 1973 he taught Navy Junior ROTC until retiring from that position in 1990. **Ex-OTA1 CATHERINE SHOWALTER, USN** is in Niagara Falls, NY. Her last system tour was at NOPF Whidbey Island, 1989-91. **LT BUTCH SMITH, USN** is in Salinas, CA. His last system tour was on CUSL/CUS Staff, 1993-95. **Ex-OTA1 GAIL SMITH** is in McDonough, GA. She was known as Abie Chambers in A-School and became a Kling while stationed at Keflavik, 1976-78. **Mr. GREGORY SMITH, WeCo (AT&T)/BELL LABS** is in Greensboro, NC. Greg was one of the design developers for the shore-based signal processing equipment: BSP, RTSP, SVAA and LOFAR displays. **Mr. RON SMITH** and wife Gloria are in Annandale, VA. Ron was an Acoustic Analyst at ONI and authored many of the Pubs in the OWO Library. He is currently a consultant to ONI. They have 2 children and 3 grandchildren.

**OTAC JACK SPENCER, USNR-R (Ret)** has been named one of the top 100 Chief Information Officers (CIO'S) of the year by CIO magazine. Jack will be formally honored at the annual CIO Awards banquet in Colorado Springs, CO. Congratulations! BZ! **Ex-RM2 MATTHEW STEMMER, USN** is in Huntington Beach, CA. He was assigned to NAVFAC Bermuda, 1980-1983. Both of his sons were born at King Edwards Hospital in Bermuda. He currently works in the computer industry. **STGCS (SW) MARK TEST, USN** is in Portland, TX. He is currently assigned to ATG Det. Ingleside, TX as an Afloat Trainer. **STG1 DIANE TOOLE, USNR** resides in Sunrise, Florida. She is employed by Motorola in Technical support for Commercial Government Radio Sector. **Mrs. TANGELA TORAIN MYERS** is in Patuxent River, MD. She was waiting on clearance processing for a position with the U.S. Department of State. Her last system tour was at NOPF Dam Neck, 1995-98. **Ex-OTA1 KAY TRENNER, USN** is in Springfield, OH. Kay left the Navy in 1992 to pursue a second Bachelor's degree in nursing. She is currently a critical care RN working in the Intensive Care Unit in a Springfield, Ohio hospital. She is considering joining the Air Force Nurse Corps to complete her 20 years. She would like to hear from hear old Navy friends. **Ex-OTA DAVID TRUAX** is in Turlock, CA. He was stationed in Adak and Guam, 1984-88.

**Mr. CARL WALKER, Western Electric/AT&T** resides in Winston-Salem, NC. Carl joined the Caesar Program in 1953 as a WECO engineer on assignment to Bell Labs. He was in charge of a small group of engineers responsible for planning and executing acoustic surveys in the Atlantic and Pacific. In conjunction with the Navy they tested, analyzed, and recommended sites for array placement. He worked closely and traveled with Capt Joe Kelly (Father of SOSUS). 15 years later he was assigned as the Western Electric Program Manager for the production and installation of the AN/BQR-15 Towed Array on the Polaris submarines. This program along with Missile Impact Locating System were considered offshoots of the CAESAR/SOSUS programs. He spent 30+ years of his 40-year career with Western Electric/AT&T working with the Navy's underwater programs. Since retirement he has continued his contact with the U.S Navy through The Navy League of the United States as Council President, State President, and National Director Emeritus.

**Ex-OTA ERIN WALKER, USN** resides with her husband in Lebanon, PA where she serves as a police officer. **Ms. JODI WARD** lives in Montrose, CO. Her last system tour was at NavFac Barbers Point, 1979-82. **Ex-OTA GREGORY WATERS, USNR** is in Jackson, MS. **LT (Ex-OTA2) MICHAEL WEED, USN** and wife Amy live in Brunswick, Maine. He is currently assigned as the Intel Officer for VP8. **OTC WILLIAM WENHOLZ, USNR** is in Gilroy, CA. **STG1 KITTY WHALEN, USN** is in Virginia Beach. She is currently stationed at NOPF Dam Neck. She has two daughters, Alexandria and Elizabeth. **NCC/OTA1 DEAN WHITTEN, USN (Ret) & Ex-OT JEANETTE FRY WHITTEN** and 2 children reside in Eustis, Florida. Jeanette is an agent for the IRS and is a CPA with MBA in Accounting & Finance. Dean retired from Navy Recruiting in August 2003. Jeanette's last system tour was Brawdy. **Ex-ETN2 THOMAS WIRKUTIS** is in Port Orange, FL. He was at NavFac Ramey, PR 1960-62. **CDR PHILIP ZITZELMAN, USN (Ret)** resides in California, MD. He is currently the Senior Analyst assigned to AIRTEVRON ONE (VX-1). **Until Next Time. EKD**

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## LISTENING FOR LEVIATHAN

By

Mary Jo Kelly Wilhelm, PhD

This book is a biography of Captain Joseph Paul Kelly, USN the "Father of SOSUS".

It was written by his daughter, Mary Jo for his family to bring together the two aspects of her father's life; the family man and the Naval Officer. The book sells for \$29.00 plus \$4.00 P&H and can be ordered from Storyfest Press, 18934 Rolling Road, Hagerstown, MD 21742. Additional information is available on the website: [www.storyfest.com](http://www.storyfest.com).