

SOSUS/IUSS: MONITORING THE WORLD'S OCEANS



System Log 1949 – 20XX

	This historical log was created and maintained by Mr. Ernest Castillo, III , GS as a classified document until 1995, when “Ernie” retired from Government Service; it was then edited by OTCM (Ret) Jack Holdzkom to eliminate classified material. Subsequent additions have been made by OTCM (Ret) Ed Smock, Jack, and others. It is a working document, with occasional updates made.
DATE	EVENT
1949	
	Navy announces intention to exploit passive sonar in its Anti-Submarine Warfare (ASW) effort
1950	
Jan	Project JEZEBEL undertaken on the recommendation by Committee on Undersea Warfare of the National Research Council
Feb	Project HARTWELL authorized study in long-range detection aspects in ASW
Dec	Bell Telephone Laboratories (BTL) authorized to research detection of low-frequency underwater sound
1951	
	Projects JEZEBEL (Equipment R&D), CAESAR (Procurement, installation, & evaluation), and MICHAEL (Operational use of equipment) initiated for the development of six experimental stations
	ENS Joseph P KELLY, USN assigned as Project CAESAR Program Manager, BUSHIPS Code 849
	Six-element test array installed at Eleuthera
1952	
	Classified name SOSUS established; unclassified name CAESAR established to cover installation/production

Jun	First USN evaluation of LOFAR detection principle, using the experimental laboratory at Eleuthera
	Cable ships USS <i>Neptune</i> (ARC 2) and USACS <i>Albert J Myer</i> assigned to Project CAESAR
	CNO directs BUSHIPS to procure six sets of LOFAR station components for deployment in the North Atlantic basin; number of stations planned later increased to nine
1954	
May	USN system evaluation, using labs at Eleuthera and Bermuda, w/Evaluation Center at COMCARIBSEAFRON, San Juan, PR
	Ten additional CAESAR stations (3 Atlantic, 7 Pacific) authorized
	Sound Search Course 572 "Green Door" established at Fleet Sonar School, Key West, FL
18 Sep	First NAVFAC, Ramey AFB, PR commissioned; LCDR D. E. MCGUIRE, USN was the first CO
23 Oct	NAVFAC Grand Turk, BWI commissioned
	Five RCN WRENs attend Course 572; Leading WREN Kathryn Leola MacDONALD, future Mrs Ed SMOCK
18 Dec	NAVFAC San Salvador, BWI commissioned
1955	
28 Feb	NAVFAC Ramey AFB, PR (Station CHARLIE) became operational
1 Apr	NAVFAC Shelburne, Nova Scotia commissioned as a Joint USN/RCN Station
2 May	NAVFAC San Salvador (Station BAKER) became operational
1 Jun	NAVFAC Bermuda commissioned
30 Jun	NAVFAC Grand Turk (Station ITEM) became operational
2 Aug	NAVFAC Nantucket, MA commissioned
14 Aug	NAVFAC Shelburne (Station FOX) became operational
15 Aug	NAVFAC Cape May, NJ commissioned
1 Nov	USN conducted evaluation of three-station system (BAKER, CHARLIE, and ITEM) and Evaluation Center at San Juan, PR
11 Nov	NAVFAC Bermuda (Station DOG) became operational
2 Dec	NAVFAC Bermuda (Station EASY) became operational
1956	
11 Jan	NAVFAC Cape Hatteras, NC commissioned
1 Feb	Evaluation Center COMEASTSEAFRON New York and Control Center CINCLANTFLT Norfolk, VA became operational
14 Feb	NAVFAC Nantucket (Station HOW) became operational
2 Mar	NAVFAC Cape May (Station GEORGE) became operational
13 Apr	NAVFAC Cape Hatteras (Station ABLE) became operational
9 Aug	NAVFAC Antigua, BWI commissioned
13 Dec	NAVFAC Antigua (Station JIG) became operational
1957	
27 May	NAVFAC Cape Hatteras (Station SUGAR) became operational
Jun	Experiments with shallow-water system (HOW-YOKE and HOW-XRAY) began at NAVFAC Nantucket
10 Sep	NAVFAC Eleuthera, BWI commissioned
1 Oct	NAVFAC Barbados, BWI commissioned
31 Oct	NAVFAC San Nicolas Island, CA commissioned; LCDR T C ONDRECHEN, USN was the first CO
6 Dec	NAVFAC Barbados (Station LOVE) became operational
1958	
8 Jan	NAVFAC Point Sur, CA commissioned; LCDR S P DORNBLASER, USN was the first CO

6 Feb	NAVFAC Eleuthera (Station MIKE) became operational
25 Mar	NAVFAC Centerville Beach, CA commissioned; LCDR R S CHANEY, USN was the first CO
1 May	Oceanographic System, Atlantic established; CAPT W R LAIRD, USN assigned as Commanding Officer. Oceanographic Units at Norfolk, New York, and San Juan were disestablished on 1, 15, and 30 May, respectively. (SECNAVNOTE 5450 of 6 May 1958)
13 May	NAVFAC Coos Head, OR commissioned; LCDR F D LAWS, USN was the first CO
14 May	NAVFAC Pacific Beach, WA commissioned; LCDR A J CARRILLO, USN was the first CO
24 Jun	Title of officer-in-charge of OSL changed from C.O. to Commander, Oceanographic System, Atlantic (COSL); SECNAVNOTE 5450 of 24 Jun 1958
	Project CAESAR supports 1958-60 installation of Atlantic and Pacific Missile Impact Location Systems
	1959
1 Jul	NAVFAC Shelburne transferred to RCN for operations and support and became HMCS Shelburne; USN Liaison Officer billet was established.
31 Aug	CDR J F WEIDLING, USN assumed COSL
10 Sep	CNO established requirement for SOSUS Monthly Report (CNO ltr OP312E1, Ser 0030P31 of 10 Sep 1959)
1 Oct	NAVFAC Argentia, Newfoundland commissioned
30 Nov	CAPT S A BOBCZYNSKI, USN assumed COSL
	1960
26 Jul	HMCS Shelburne (Station VICTOR) became operational
15 Aug	NAVFAC Argentia (Station KING) became operational
Dec	NAVFAC Argentia Shallow-Water Complex was installed: ten, 8-element arrays
	1961
28 Jul	CAPT A R GORDON, USN assumed COSL
	Mercury Program 1961-63 – MILS BOA (Missile Impact Localization System - Broad Ocean Area) was used to locate space capsules as they returned to earth. A SUS charge placed in the capsules would be released at splashdown and Time-Difference Fixing (TDF) used to determine the capsule location; the surface fleet would then steam to the area at full speed to retrieve it.
	SOSUS tracked USS <i>George Washington</i> (SSBN 598) from WESTLANT to UK
	1962
	Soviet HEN Class nuclear submarines go to sea: HOTEL SSBN, ECHO SSGN, NOVEMBER SSN
Jan	NAVFAC Cape Hatteras makes first SOSUS detection of a Soviet Diesel submarine: As determined during a 1964/65 review of SOSUS targets detected between 1955 and 1962 and submitted to the Data Processing Unit of the Brooklyn Naval Shipyard for evaluation and documentation. Of some 30 targets available for review, only one, a NAVFAC Cape Hatteras target from January 1962, was considered to have been a valid detection. That target signature, detected at night, was typical of surfaced transits by FOXTROT- and ZULU-Class Soviet Diesel submarines. (Bruce Rule)
6-8 Mar	NAVFAC Cape May destroyed by “Ash Wednesday” storm; Station GEORGE secured
1 May	NAVFAC Lewes, DE commissioned; (Station GEORGE) resumed operations
24 May	NAVFAC Eleuthera, (Station MIKE-SUGAR) BTL experimental station installed
20 Jun	NAVFAC Lewes backfitted with DSA equipment
6 Jul	NAVFAC Barbados makes first SOSUS detection of a Soviet Nuclear submarine as it crossed over the Greenland-Iceland-United Kingdom (GIUK) gap. Second-Class Sonar Operator Bill TILLEY is believed to be the on-watch operator responsible for initial recognition/reporting of contact #27103.
Oct	Cuban Missile Crisis: First confirmed detections of Soviet Diesel submarines by SOSUS
26 Oct	NAVFAC Grand Turk detects Soviet FOXTROT-class Diesel submarine; 1st VP/SOSUS positive correlation: ITEM 025/C20

28 Oct	NAVFAC Barbados and P2V make and hold Soviet Diesel sub contact at 13-27N 58-15W until 29 Oct
1 Dec	NAVFAC Adak, Alaska commissioned; LCDR R E GLEASON, USN was the first CO
1963	
10 Apr	USS <i>Thresher</i> (SSN 593) sank off New England with the loss of all 129 hands
19 Apr	NAVFAC San Salvador backfitted with DSA equipment
8 May	NAVFAC Grand Turk backfitted with DSA equipment
4 Jun	NAVFAC Eleuthera backfitted with DSA equipment
18 Jun	CAPT R J ROBISON, USN assumed COSL
Dec	NAVFAC Argentinia (Station NAN) became operational with a 2x20 array
1964	
	Director ASW Programs (OP-95) established under VADM Charles B MARTELL
10 Apr	NAVFAC Nantucket backfitted with DSA equipment
28 May	HMCS Shelburne backfitted with DSA equipment
1 Jul	US Navy Sonarman rating changed to Sonar Technician
1 Sep	Commander, Oceanographic System, Pacific was commissioned at Naval Station, Treasure Island, CA; CAPT David M DIBREL, USN was the first commander. Oceanographic Unit San Francisco was disestablished
Dec	NAVFAC Bermuda (Station EASY-1) became operational
	NAVFAC Nantucket shallow-water system experiments (HOW-YOKE and HOW-XRAY) were terminated
1965	
Apr	COSL Evaluation Center (EC) relocated to CINCLANTFLT OpCon Center (NH-95) from original space in CINCLANTFLT NH-4N
19 Apr	CAPT Robert D McWETHY, USN assumed COSL
30 Aug	CAPT John R POTTER, USN assumed COSP
Nov	COSL designated contact MIKE SEVEN, Soviet nuclear submarine, in WESTLANT
1966	
	Landline Data Relay systems installed in OCEANSYSLANT and OCEANSYSPAC by Western Electric Co; UQM-4 analyzer/displays installed at COSL and COSP
	COSP designated contacts XRAY II and XRAY III (Soviet Northern to Pacific Fleet Transfers)
1 Mar	NAVFAC Keflavik, Iceland commissioned and (Station AT) became operational; LT Ernest CASTILLO, III, USN was the first CO
May	NAVFAC Lewes, DE backfitted with DSA vernier and super-vernier equipment
Sep	NAVFAC Keflavik (Station AT-1) became operational
Oct	NAVFAC Eleuthera (Station MIKE-SUGAR) became operational
1967	
27 Jan	CAPT George C COOK, USN assumed COSP
Sep	NAVFAC Argentinia (Station KING-1) became operational
Oct	NAVFAC Argentinia (Station KING-3) became operational
26 Dec	NAVFAC Nantucket backfitted with DSA vernier and super-vernier equipment
	Soviets deploy CHARLIE-, VICTOR-, and YANKEE-class submarines.
1968	
Jan	USS <i>Pueblo</i> (AGER 2) was captured by North Korea and may have been carrying sensitive SOSUS data.
11 Mar	Soviet GOLF II-class SSB (K-129) sank 1600 nm northwest of Oahu; SOSUS supports Air Force AFTAC system in localizing the wreckage; Hughes Glomar Explorer project initiated to recover part of the hull

5 Apr	CAPT Allen E MAY, USN assumed COSL
22 May	USS <i>Scorpion</i> (SSN 589) sank 400 nm SW of the Azores Islands with the loss of all 99 hands, while en route to Norfolk, VA. SOSUS supports Air Force AFTAC system in localizing the wreckage.
Jul	NAVFAC Argentia Shallow-Water Complex deactivated
27 Aug	CFS Shelburne backfitted with DSA vernier and super-vernier equipment
	COSP designated contact XRAY FIVE
23 Nov	NAVFAC Guam, Mariana Islands began limited operations
3 Dec	NAVFAC Guam, Mariana Islands commissioned; LCDR James P. REDGATE, USN was the first CO
13 Dec	CAPT John Taylor RIGSBEE, USN assumed COSP
13 Dec	NAVFAC Midway Island became operational
13 Dec	NAVFACs Midway Island and Guam detected their first Soviet submarine
14 Dec	COMOCEANSYSPAC officially relocated from Naval Station, Treasure Island, CA to Ford Island, HI
	NAVFAC Keflavik makes first detections of Soviet VICTOR- and CHARLIE-class submarines
	1969
13 Jan	NAVFAC Midway Island commissioned; LCDR R L PENDERGRAST, USN was the first CO
29 Mar	NAVFAC Grand Turk backfitted with DSA vernier and super-vernier equipment
Sep	NAVFAC Lewes, DE backfitted with magnetic delay line (MDL) beamformer, replacing the older electro-delay line (EDL)
Sep	NAVFAC San Salvador secured operations in preparation for disestablishment
Dec	First civilian analyst billet established at COSL and filled by Mr. Ernest CASTILLO, III
	1970
31 Jan	NAVFAC San Salvador disestablished
12 Apr	Soviet NOVEMBER-class SSN sank in the eastern Atlantic
Jul	NAVFAC Bermuda (Station EASY-2) became operational
1 Sep	Ocean Systems Technician (OT) rating became effective, incorporating personnel from ST and ET ratings
13 Oct	CAPT C E WOODS, USN assumed COSL
11 Dec	NAVFAC Barbers Point, HI commissioned; LCDR J C RUSSELL, USN was the first CO
	1971
28 Jul	CAPT Richard A HOFFMAN, USN assumed COSP
	1972
Apr	The first USN women assigned to SOSUS enter active duty at NAVFAC Eleuthera: LT Susan Canfield and OTs Norah Brown, Iris Wirth, Barbara Yates, Mary Zenes, Yvette Shmitz, Debra Rupp, Dorothy Hardin, Kathy Hardy, Delta Carr, and Darla Sutherland.
Jul	Royal Navy exchange CPO was assigned to NAVFAC Lewes under the PEP Program
1 Oct	NAVFAC Argentia commences Joint Canadian Forces/US Navy operational manning
	PMW 124 established and SOSUS modernization begins
	1973
30Mar	CAPT Joseph P KELLY, USN, "Father of SOSUS" retired after 22 years as Program Manager for Project CAESAR
4 Sep	CAPT G C CANAAN, USN assumed COSL
	1974
1 Jan	NAVFAC Ramey AFB, PR changed to NAVFAC Punta Borinquen, PR
5 Apr	NAVFAC Brawdy, Wales commissioned; CAPT Robert E JACOB, USN was the first CO

May	CAPT William C GREEN, USN assumed COSP
Jun	Interstate Electronics Corp (IEC) FTA equipment installed in COSL Analysis for processing acoustic data
Aug	CAPT Jerome L O'BRIEN, USN assumed COSP
Sep	SOSUS 20th Anniversary Celebrated at Breezy Point Officers Club, NAS Norfolk
1 Oct	NAVFAC Brawdy (Stations 11, 12, and 13) became operational
	NAVFAC Keflavik makes first detection of Soviet DELTA-class SSBN
1975	
	NAVFAC Argentia became host to five tenant commands of former NAVSTA Argentia, making it the largest NAVFAC in the system
14 Mar	CAPT D A WILLIAMS, USN assumed COSL
Mar	NAVFAC Argentia backfitted with HYRADS equipment
Apr	CFS Shelburne (Station VICTOR) secured due to wet-end problems
15 Oct	CAPT Jacob C BROWN, USN assumed COSL
Oct	NAVFAC Brawdy (Stations 21, 22, 23, and 24) became operational
24 Dec	NAVFACs Nantucket and Punta Borinquen secured operations in preparation for disestablishment
	SOSUS begins modernization program - System Validation Model (SVM)
1976	
30 Apr	NAVFAC Punta Borinquen disestablished
30 Jun	NAVFAC Nantucket disestablished
17 Jul	CAPT Jerry L MITCHELL, USN assumed COSP
1977	
16 Sep	First female CO in SOSUS: LCDR M "Peggy" FREDERICK, USN assumed command of NAVFAC Lewes
28 Oct	CAPT Douglas M SIMON, USN assumed COSL
Oct	Readiness Training Facility established at NAVFAC Centerville Beach; LCDR J J O'HARA, USN O-in-C
1978	
1 Feb	NAVFAC Brawdy (Station 14) became operational
1 Dec	NAVFAC Barbados secured operations in preparation for disestablishment
1979	
22 Jan	COSL Main Evaluation Center (MEC) moved to new wing of NH-95, from spaces occupied since April 1965
31 Mar	NAVFAC Barbados disestablished
9 Feb	COMOCEANSYSLANT assigned to COMSECONDFLT (later disputed by COSL and reversed - CAPT Douglas M SIMON, USN, COSL)
1 Apr	NAVFAC Brawdy (Station 15) became operational
21 Sep	CAPT Duane A COX, USN assumed COSP
27 Sep	LCDR Susan B CANFIELD, USN assumed command of NAVFAC Antigua
29 Sep	SILVER SOSUS, the 25th anniversary of the Oceanographic System, was celebrated at the Omni Hotel, Norfolk by more than 230 attendees including CAPT Joseph P KELLY, USN (Ret), "Father of SOSUS," most NAVFAC COs, and several past-Commodores
	Advanced Acoustic Analyst (A3) Course established at REDTRAFAC Centerville
1980	
15 Jan	NAVFAC Eleuthera secured operations in preparation for disestablishment
31 Jan	NAVFAC Grand Turk secured operations in preparation for disestablishment
29 Feb	NOFP Dam Neck, Virginia Beach, VA was commissioned and (Station 11) became operational; CAPT Paul L

	HRYSKANICH, USN was the first CO
4 Mar	NAVFAC Cape Hatteras (Station ABLE) was secured due to a wet-end fault
31 Mar	NAVFACs Eleuthera and Grand Turk were disestablished
18 Nov	CAPT Ernest J "Jack" SABOL, Jr, USN assumed COSL
1981	
31 Jan	NAVFAC Pt Sur (Station 11) ceased operations
13 Apr	NAVFAC Argentia (Station NAN) was secured
25 Jun	NAVFAC Lewes secured operations in preparation for disestablishment
13 Aug	CAPT Richard M CHANSLOR, USN assumed COSP
30 Sep	NAVFAC Lewes disestablished
30 Sep	NAVFAC Midway Island disestablished; acoustic data remoted to NAVFAC Barbers Point
1 Oct	NOPF Ford Island, HI commissioned; CAPT J W McCAULL, USN was the first CO
5 Nov	NAVFAC Brawdy (Station 24) ceased operations
18 Nov	NOPF Dam Neck (Station 12) became operational
1982	
1 Feb	NAVFAC Cape Hatteras secured operations in preparation for disestablishment
30 Jun	NAVFAC Cape Hatteras disestablished
19 Oct	NAVFAC Argentia (Station 51) became operational
1983	
15 Mar	CAPT Peter R CATALANO, USN assumed COSL
Sep	NAVFAC Midway acoustic data re-routed from NAVFAC Barbers Point to NOPF Ford Island
10 Sep	NAVFAC Argentia (Station 61) became operational
13 Sep	CAPT Robert S FITCH, USN assumed COSP
2 Nov	Soviet VICTOR III-class SSN sighted wallowing on the surface, east of Georgia, two days after becoming fouled by TASS array of USS <i>McCloy</i> (FF 1038)
6 Nov	NOPF Dam Neck (Station 13) became operational
	Service ratings OTA (Analyst) and OTM (Equipment Maintainer) established
1984	
4 Feb	NAVFAC Antigua secured operations in preparation for disestablishment
2 Mar	NAVFAC San Nicolas Island disestablished; acoustic data remoted to NAVFAC Centerville Beach
20 Mar	USNS <i>Stalwart</i> (T-AGOS 1) arrived at NAB Little Creek to begin T&E of SURTASS subsystem
3 Apr	NOPF Dam Neck (Station 14) became operational
9 Apr	USNS <i>Stalwart</i> commissioned
29 Jul	USNS <i>Contender</i> (T-AGOS 2) commissioned
28 Sep	Thirtieth Anniversary of the Oceanographic System was celebrated at the Cavalier Hotel on the Hill, Virginia Beach, VA. Guest speaker was RADM B T HACKER, USN, former Operations Officer at NAVFAC Argentia and former CO of NAVFAC Barbados
1 Oct	NAVFAC Point Sur disestablished; acoustic data remoted to NAVFAC Centerville Beach
1 Oct	IUSS Operations Support Detachment, Pacific established (SURTASS Support Center)
	USNS <i>Vindicator</i> (T-AGOS 3) commissioned
4 Dec	NAVFAC Brawdy (Station 16) became operational
16 Dec	NAVFAC Bermuda (Station 51) became operational
1985	

12 Jan	USNS <i>Stalwart</i> (T-AGOS 1) began the first operational SURTASS patrol: SOSUS became IUSS.
19 Feb	USNS <i>Triumph</i> (T-AGOS 4) commissioned
1 Mar	Readiness Training Facility (REDTRAFAC) Dam Neck commissioned, replacing REDTRAFAC Centerville
21 Mar	NAVFAC Midway (Station 21) acoustic data secured
2 Apr	USNS <i>Vindicator</i> (T-AGOS 3) arrived at NAB Little Creek
1 May	USNS <i>Assurance</i> (T-AGOS 5) commissioned
13 May	Readiness Training Facility Dam Neck dedicated in memory of CDR William E “Will” JAMES, USN
15 Jun	NOPF Dam Neck (Station 21) became operational
6 Aug	USNS <i>Stalwart</i> (T-AGOS 1) became the first SURTASS unit to operate in the Norwegian Sea
14 Aug	USNS <i>Persistent</i> (T-AGOS 6) commissioned
15 Aug	CAPT Ira Hearst COEN, Jr., USN assumed COSP
16 Aug	NAVFAC Brawdy (Station 19) Fixed Distributed System (FDS) began test and evaluation phase
26 Aug	CAPT William J “Jerry” FOGLE, USN assumed COSL
1 Oct	NAVFAC Barbers Point disestablished; acoustic data remoted to NOPF Ford Island
16 Oct	NAVFAC Brawdy (Station 19) FDS certified by COMSPAWARSYSCOM to be fully operational
1 Dec	USNS <i>Indomitable</i> (T-AGOS 7) commissioned
2 Dec	USNS <i>Persistent</i> (T-AGOS 6) arrived at NAB Little Creek
19 Dec	CNO cancelled requirement for SOSUS Monthly Reports, which originated in Sep 1959.
1986	
6 Feb	LCdr Frederick Alun JONES, RCN, a SOSUS pioneer, passed away.
5 Mar	USNS <i>Prevail</i> (T-AGOS 8) commissioned
23 Apr	Task Force 24 redesignated Task Force 84
30 Jun	NAVFAC Pt Sur (Station 12) ceased operations
16 Jul	USNS <i>Stalwart</i> (T-AGOS 1) became the first SURTASS unit to operate in the Mediterranean Sea
22 Jul	USNS <i>Prevail</i> (T-AGOS 8) arrived at NAB Little Creek
12 Sep	USNS <i>Assertive</i> (T-AGOS 9) commissioned
6 Oct	Soviet YANKEE-class SSBN (K-219) sank, ESE of Bermuda, three days after a missile-tube explosion
1987	
30 Jan	USNS <i>Invincible</i> (T-AGOS 10) commissioned
24 May	USNS <i>Invincible</i> arrived at NAB Little Creek
17 Jul	CAPT Alan R MORE, USN assumed COSP
Jul	NAVFAC Whidbey Island, WA commissioned; CDR Marnee L FINCH was the first CO
28 Aug	CAPT Jonathan D “Dave” MUSTIAN, USN assumed COSL
1 Sep	NAVFAC Pacific Beach disestablished; acoustic data was remoted to NAVFAC Whidbey Island
24 Nov	NAVFAC Argentia (Station 61) secured due to wet-end faults
30 Nov	NAVFAC Coos Head disestablished; acoustic data remoted to NAVFAC Whidbey Island
14 Dec	NAVFAC Argentia (Station 61) retrieved for factory refurbishment
1988	
19 Jul	CDR Diane OLIVER, USN assumed command at NAVFAC Keflavik
19 Aug	USNS <i>Adventurous</i> (T-AGOS 13) commissioned
6 Nov	CAPT Joseph P KELLY, USN (Ret) "Father of SOSUS" passed away at Bethesda Naval Hospital
1989	
15 Jan	USNS <i>Worthy</i> (T-AGOS 14) arrived at NAB Little Creek
8 Mar	USNS <i>Titan</i> (T-AGOS 15) commissioned

7 Apr	Soviet MIKE-class SSN (K 278) sank, northwest of Norway, following a fire in aft engineering spaces
7 Apr	USNS <i>Worthy</i> commissioned
10 Jun	IUSS 35th Anniversary was celebrated at Grand Affairs in Virginia Beach, dedicated to the memory of CAPT Joseph P KELLY; guest speaker was VADM D L COOPER, USN ACNO for Undersea Warfare; 400 guests included most NAVFAC COs, several past-Commodores and past-COs
18 Jun	USNS <i>Audacious</i> (T-AGOS 11) commissioned
29 Jun	USNS <i>Capable</i> (T-AGOS 16) arrived at NAB Little Creek
8 Jul	USNS <i>Capable</i> commissioned
25 Aug	CAPT Merrill H DORMAN, USN assumed COSL
Aug	CAPT Frederick R CRAWFORD, USN assumed COSP
20 Oct	USNS <i>Bold</i> (T-AGOS 12) commissioned
8 Nov	USNS <i>Tenacious</i> (T-AGOS 17) commissioned
1990	
1 Feb	USNS <i>Relentless</i> (T-AGOS 18) arrived at NAB Little Creek
8 Mar	USNS <i>Relentless</i> commissioned
20 Feb	USNS <i>Bold</i> arrived at NAB Little Creek
1991	
15 Mar	Official explanation of Oceanographic System mission was changed from original cover (oceanographic research in support of ASW) to actual undersea surveillance for detection of threat submarines.
31 May	CAPT John M PARRISH, USN assumed COSL in outdoor ceremonies at IOSC, Little Creek
3 Jul	CDR Leslie J SKOWRONEK, USN assumed command at NOPF Dam Neck
30 Aug	CAPT Raymond D WOOLRICH, USN assumed COSP
5 Sep	USNS <i>Victorious</i> (T-AGOS 19), the first SURTASS SWATH-hull vessel, commissioned
1 Oct	COMOCEANSYSLANT (COSL) changed to COMUNDERSEASURVLANT (CUSL); (COSP to CUSP)
	First female Deputy Commander and Chief Staff Officer at CUSP: CAPT Marnee L FINCH, USN
1 Oct	NAVFAC Guam disestablished
1992	
1 Jan	CUSL Main Evaluation Center (MEC) passed authority to designate Uniform contacts to Regional Evaluation Centers (RECs)
7 Jan	USNS <i>Victorious</i> turned over to USN at St Helena Annex, Norfolk, VA
11 Jun	USNS <i>Stalwart</i> (T-AGOS 1) removed from operational service as an IUSS platform
30 Jul	USNS <i>Victorious</i> arrived at new home port, Pearl Harbor, HI
30 Sep	NAVFAC Bermuda disestablished; acoustic data sent to NOPF Dam Neck via satellite for analysis via SWS.
Oct	SOSUS Work Stations (SWS) replaced paper gram displays at NOPF Dam Neck
5 Oct	USNS <i>Worthy</i> (T-AGOS 14) removed from operational service as an IUSS platform
6 Nov	IUSS began ATARF reporting of whales in response to CNO tasking
	NAVFAC Centerville Beach, CA survived a series of earthquakes measuring 6.9 to 7.1 on the Richter scale
	Mr. Henry S AURAND and CWO4 Thomas J UECKER, USN received SOSUS/IUSS CAPT Joseph P KELLY Awards
1993	
	IUSS-CAESAR Alumni Association founded by career SOSUS officer, CDR E K DALRYMPLE, USN (Ret)
12 Feb	USNS <i>Able</i> (T-AGOS 20), the second SURTASS SWATH-hull vessel and first to operate in the Atlantic, was turned over to USN at St Helena Annex, Norfolk
30 Jun	CAPT Alfred E PONESSA, USN assumed CUSL; CAPT John M PARRISH, USN retired

4 Aug	CAPT Marnee L FINCH, USN assumed CUSP
7 Sep	COMUNDERSEASURVLANT Staff was reorganized; Intelligence Directorate (N2) was created, headed by Mr. Ernest CASTILLO, III
30 Sep	NAVFAC Adak, Alaska was disestablished
30 Sep	NAVFAC Centerville Beach, CA disestablished; acoustic data remoted to NAVFAC Whidbey Island, WA
11 Oct	NAVFAC Adak acoustic data remoted to NOPF Ford Island
28 Dec	CNO message 281420Z DEC 93 provided guidance for closure, consolidation, and merger of IUSS commands
	Mr. J Hicks FORD received the SOSUS/IUSS CAPT Joseph P KELLY Award
1994	
Apr	NOPF Dam Neck assumed Atlantic IUSS Main Evaluation Center responsibilities
Jun	Canadian Forces IUSS Centre (CFIC), Halifax, Nova Scotia was established; CDR E TUMMERS, RCN was the first commanding officer
1 Aug	CFS Shelburne, Nova Scotia disestablished
15 Aug	CUSL and CUSP merged to form Commander, Undersea Surveillance (CUS); CUSP disestablished
Aug	IUSS Operations Support Center, Little Creek, VA established; CDR Stephen C ROSS, USN was the first Officer-in-Charge.
Sep	REDTRAFAC Dam Neck disestablished
17 Sep	IUSS 40th Anniversary celebrated at Grand Affairs in Va. Beach; guest speaker was RADM M D HASKINS, USN, COMFAIRKEF/ICEDEFOR
27 Sep	NAVFAC Argentia disestablished; operations were turned over to Canadian Forces IUSS Centre (CFIC), Halifax, Nova Scotia
1 Oct	NAVOCEANPROFAC Ford Island disestablished
1 Oct	CUS CCWO began watches resident on NOPF Dam Neck watch floor
	NAVFAC Bermuda acoustic data was secured at NOPF Dam Neck
	First woman designated Deputy Commander and Chief Staff Officer at CUS: CAPT Mary P MOSIER, USN
	CUS Staff relocated from CINCLANTFLT OPCON Center (NH-95) to Dam Neck in the building previously occupied by REDTRAFAC
	CUS N2 (Intel) moved to newly renovated spaces in NOPF Dam Neck
	CAPT John M PARRISH, USN (Ret) received the SOSUS/IUSS CAPT Joseph P KELLY Award
1995	
Jun	Russian AKULA-class SSN encountered off the southeastern Atlantic coast.
30 Jun	NAVFAC Brawdy ceased operations in preparation for transition to JMF St Mawgan, UK
21 Jul	CDR Larry D WILCHER, USN assumed command at NOPF Dam Neck
11 Aug	Equipment transferred from NAVFAC Brawdy was re-powered at JMF St Mawgan
18 Aug	Joint Maritime Facility, St Mawgan, UK was commissioned; CAPT Pamela M MULVEHILL, USN was the first commanding officer
29 Aug	CAPT Kirk E EVANS, USN (Ret) and MCPO Edwin K SMOCK, USN (Ret) received SOSUS/IUSS CAPT Joseph P KELLY Awards
1 Sep	CAPT Randall E WAGNER, USN assumed CUS; CAPT Alfred E PONESSA, USN retired
1996	
28 Jun	NAVFAC Keflavik (Stations 21/22/23) ceased operations due to a wet-end fault
30 Sep	NAVFAC Keflavik (Station 11) secured operations in preparation for disestablishment
Dec	NAVFAC Keflavik was disestablished, ending 30 years of service; LCDR James M DONOVAN, USN was the final CO
	LCdr Frederick A JONES, RCN received the SOSUS/IUSS CAPT Joseph P KELLY Award (posthumously)

1997	
8 Jan	NAVFAC Adak acoustic data was secured at NOPF Whidbey Island, WA
1 May	IUSS ceased using the digital, common language used for contact reporting more than 30 years, currently called ATARF (Abbreviated Tracking And Report Form) and RAINFORM SOSUS REDs, which were replaced by SitReps and GOLDS/LOCATORS, respectively
1 Jul	NOPF Dam Neck TACWO assumed CUS CCWO responsibilities
15 Jul	CDR C L MOFFORD, RCN relieved CDR Ed TUMMERS, RCN as CO, CFIC, Halifax
14 Aug	CAPT Gerald W FABER, USN assumed CUS
22 Aug	CDR Eola Lewis SCOTT, USN assumed command at NOPF Dam Neck; CDR Larry D WILCHER, USN retired
5 Sep	CAPT Paul E HALLOWELL, USN assumed command at JMF St Mawgan
1 Oct	USN OT Rating disestablished after 27 years, 1 month of SOSUS/IUSS dedicated service; the IUSS Watch in the Sea is resumed by the ST Rating.
	RADM Dempster M JACKSON, USN (Ret) and CDR Larry D WILCHER, USN (Ret) received SOSUS/IUSS CAPT Joseph P KELLY Awards
1998	
22 May	CAPT Mary P MOSIER, USN, CUS CSO retired at ceremony on board USNS <i>Loyal</i> (T-AGOS 22), berthed at Norfolk St Helena Annex
19 Jun	VADM E P GIAMBASTIANI, USN relieved VADM R W MIES, USN as COMSUBLANT on board USS <i>Maine</i> (SSBN 741) at Norfolk Naval Station, Pier 12.
26 Jun	CDR Teresa A BARRETT, USN relieved CDR Tonya J CONCANNON, USN as CO, NOPF Whidbey Island
1999	
Jul	Planning Systems, Inc. concluded 27 years of operations analysis/historical database support to SOSUS/IUSS
Aug	CAPT Neil E RONDORF, USN assumed CUS
Aug	CDR James M DONOVAN, USN assumed command at NOPF Dam Neck
Sep	IUSS 45th Anniversary celebrated at Omni Hotel, Norfolk, VA
	Mr. Ernest CASTILLO, III received the SOSUS/IUSS CAPT Joseph P KELLY Award
2000	
12 Aug	Russian OSCAR II-class SSGN <i>Kursk</i> sank during exercise ops in Barents Sea, with 118 men lost.
	Mr. Ragnar SCHAUG-PETTERSEN received the SOSUS/IUSS CAPT Joseph P KELLY Award
2001	
10 Aug	CDR Katherine M DONOVAN, USN assumed command at NOPF Dam Neck, relieving her husband, CDR James M DONOVAN, USN
24 Aug	CAPT Gregory M VAUGHN, USN assumed CUS; CAPT Neil E RONDORF, USN retired
	Mr. Stanley L CARMIN received the SOSUS/IUSS CAPT Joseph P KELLY Award
2002	
20 Mar	SOSUS Work Stations (SWS) removed from operations
	Mr. Henry S FLEMING received the SOSUS/IUSS CAPT Joseph P KELLY Award
Dec	TRW acquired by Northrop Grumman Mission Systems
2003	
18 Apr	USNS <i>Prevail</i> (T-AGOS 8) departed NAB Little Creek for decommissioning.
24 Apr	USNS <i>Prevail</i> decommissioned.

21 May	PMW 181 and PMW 182 combined into PMS-181; CAPT Pat SEIDEL is the new PMS 181 (PEO/LMW)
11 Jun	USNS <i>Loyal</i> (T-AGOS 22) ceased operations in the Norwegian Sea
27 Jun	CDR Debra LIVINGOOD, USN assumed command at NOPF Dam Neck, relieving CDR Katherine DONOVAN, USN
22 Aug	CAPT Steven G GABRIELE, USN assumed CUS, relieving CAPT Gregory M VAUGHN, USN
	USNS <i>Assertive</i> (T-AGOS 9) decommissioned.
	USNS <i>Bold</i> (T-AGOS 12) decommissioned.
	USNS <i>Able</i> (T-AGOS 20) decommissioned.
	USNS <i>Loyal</i> (T-AGOS 22) transferred to PAC Fleet
	USNS <i>Impeccable</i> (T-AGOS 23) transferred to PAC Fleet
	SURTASS activity in the Atlantic has ceased
	Digital Systems Research (DSR) acquired by General Dynamics Advanced Information Systems (GD-AIS)
Sep	US Coast Guard Maritime Intelligence Fusion Center (MFIC) became colocated with NOPF Dam Neck, occupying one-third of the building
18 Nov	Ex-USNS <i>Prevail</i> is designated as <i>Prevail</i> (TSV-1) (Training Support Vessel) by Commander, Carrier Group (COMCARGRU)4
Nov	Advanced Deployable System (ADS) successfully completed dual-array testing.
2004	
11 Feb	Mr. Roger HARRIS, SPAWAR SSC, received the SOSUS/IUSS CAPT Joseph P KELLY Award (for 2003)
26 Feb	NAVSEA's PEO LMW combines all IUSS programs into one Program Office, PMS 485, Maritime Surveillance Systems, under CAPT Pat SEIDEL.
18 Sep	IUSS 50th Anniversary was celebrated at Marriott Waterside Hotel Norfolk, VA. The Guest of Honor was Mrs. Mary Jo Kelly WILHELM, daughter of CAPT Joseph P KELLY. Mr. Edwin K SMOCK received the IUSS 50 th Anniversary Award in recognition of and appreciation for his service to SOSUS/IUSS 1954-2004. (VADM K H DONALD, USN, Commander Submarine Force, US Atlantic Fleet.)
2005	
2 Feb	Mr. Jerry A McDONALD, CUS (PSI) received the SOSUS/IUSS CAPT Joseph P KELLY Award (for 2004)
29 Apr	CDR Charles J "Jeff" WASHKO, USN assumed command of NOPF Dam Neck, relieving CDR Debra M LIVINGOOD, USN
13 May	CAPT David J KERN, USN assumed CUS, relieving CAPT Steven G GABRIELE, USN
6 Jul	VADM Robert F WILLARD, USN, VCNO onboard CUS/NOPF DN for discussions on IUSS Maritime Domain Awareness and Global War on Terrorism, as related to IUSS activities.
2007	
16 Feb	CDR Peter LINTNER, USN assumed command of NOPF Dam Neck, relieving CDR Charles J WASHKO
1 Mar	IUSS/CUS administrative control shifted from COMSUBFOR (Commander Submarine Forces) to CNMOC (Commander Naval Meteorology and Oceanography Command).
2 Apr	USNS <i>Able</i> (T-AGOS 20) reactivation underway; shipyard modification and SURTASS Operations Center (SOC) outfitting scheduled to be completed by 14 Sep.
22 May	CAPT Peter W FURZE, USN assumed CUS, relieving CAPT David J KERN, USN
2008	
	IUSS-CAESAR Alumni Association Director, CDR E K DALRYMPLE, USN (Ret) relieved by CAPT James M DONOVAN, USN (Ret)
16 Jan	The Navy announced that two important steps have been taken under existing law and regulations to allow it to conduct effective, integrated training with sonar off the coast of southern California, after a federal court earlier this month imposed untenable restrictions on such training.

22 Jan	USNS <i>Able</i> completed Passive At Sea Test #1; preparations underway for making <i>Able</i> CLFA capable.
6 Feb	LCDR George J “Chuck” GAGNON, USN (Ret) received the SOSUS/IUSS CAPT Joseph P KELLY Award (for 2007)
17 Aug	MV <i>Cory Chouest</i> deactivated after many years of dedicated service to IUSS
2009	
11 Feb	Dr. Harry COX (CAPT, USN (Ret)) received the SOSUS/IUSS CAPT Joseph P KELLY Award (for 2008)
9 Mar	USNS <i>Impeccable</i> (T-AGOS 23) was harassed by five Chinese vessels that shadowed and aggressively maneuvered toward it in the South China Sea
27 Mar	CAPT Paul K HEIM, II, USN, CUS CSO relieved CAPT Peter W FURZE, USN as CUS. CAPT FURZE retiring after 30 years of service.
27 Mar	Commander, Undersea Surveillance began reporting directly to Commander, Submarine Force Pacific (COMSUBPAC). In the previous two years CUS had been aligned under Commander, Naval Meteorology and Oceanography Command. CUS currently operates five SURTASS ships - all in the Pacific area. Approximately 600 sailors man the CUS/NOPF/MILDET staffs.
27 May	JMF St Mawgan disestablished. All of its surveillance assets were remoted to NOPF Dam Neck, which became a joint United Kingdom/United States Naval Command. A joint flag-raising ceremony was held with CAPT Peter R LINTNER, CO, and Wing CDR Guy BAZALGETTE, Senior British Officer, presiding.
5 Jun	CDR Marc T STEINER, USN assumed command of NOPF Dam Neck, relieving CAPT Peter LINTNER
12 Sept	SOSUS/IUSS 55 th Anniversary was celebrated at the Waterside Marriott, Norfolk, VA. Approximately 320 past and current members attended.
2010	
15 Oct	CAPT Charles Scott RAUCH, USN relieved CAPT Paul K HEIM, II, USN as CUS.
2011	
13 May	CDR Daniel McGUINNESS, USN assumed command of NOPF Dam Neck, relieving CDR Marc STEINER
11 Aug	CDR Jason A VOGT assumed command of NOPF Whidbey Island, relieving CDR Marc C ECKHARDT
2012	
	VADM Michael J CONNOR relieved VADM John M Richardson as Commander, Submarine Forces/Submarine Force Atlantic/Allied Submarine Command
2013	
18 Apr	Mr. R Bruce RULE received the SOSUS/IUSS CAPT Joseph P KELLY Award (for 2012). CAPT Charles S RAUCH, CUS, accompanied by friends Ragnar and Inge, traveled to Kentucky to present the award.
3 May	NOPF Dam Neck Commanding Officer, CDR Daniel McGUINNESS conducted an awards ceremony to show appreciation to four long-time NOPF DN civilian contractor personnel. He dedicated the Conference Room #142 to Edwin K SMOCK; the generator spaces to Tom N. TYLER; the EMD Equipment Room 214 to Michael D WEIR; and the Communication Center to Robert G. “Jerry” RYAN (posthumously).
17 May	CDR Jeffery JACOB, USN assumed command of NOPF Dam Neck, relieving CDR Daniel McGUINNESS
12 Dec	NOPF Dam Neck received a SECNAV Meritorious Unit Commendation Award for the period 1 Jan 2009 to 31 Dec 2012.
2014	
20 Sep	The Integrated Undersea Surveillance System (IUSS) celebrated its 60th Anniversary Reunion at the Marriott in Norfolk, VA. Guest speakers were VADM Michael CONNOR, Commander, Submarine Forces and RADM Gretchen S HERBERT, USN (Ret). A highlight of the reunion was the presentation of CAPT Joseph P KELLY Awards to OTCM George P WIDENOR, USN (Ret); OTACS Michael D WEIR, USN (Ret); and Mr. George E MILLER, GS (Ret).

	CAPT Jim DONOVAN accepted the award on behalf of Mr. Miller, who was not in attendance. OTCM Ed SMOCK, USN (Ret) received a standing ovation for his 60 years of service in SOSUS/IUSS.
2015	
1 May	CDR Robert S TREPETA, USN assumed command of NOPF Dam Neck, relieving CDR Jeffery JACOB.
22 May	CAPT Kevin S MOONEY, USN relieved CAPT Charles S RAUCH, USN as CUS.
2016	
Jan	OTCS William E TILLEY, III, USN (Ret) received the SOSUS/IUSS CAPT Joseph P Kelly Award for 2015 (posthumously): CAPT Kevin S MOONEY, CUS.
2017	
27 Mar	LT Timothy L CORNETT, USN (Ret) received the SOSUS/IUSS CAPT Joseph P Kelly Award: CAPT Kevin S MOONEY, CUS; the award was presented on 13 Jun 2017 at CUS HQ.
26 Oct	Acoustic Technician Warrant Officer (728X) established: NAVADMIN 259/17
3 Nov	CDR Aaron M HOLDAWAY assumed command of NOPF Dam Neck, relieving CDR Robert S TREPETA
8 Dec	CAPT Scott C LUERS, USN relieved CAPT Kevin S MOONEY, USN as CUS.
2018	
22 Feb	CAPT James M Donovan, USN (Ret) received the SOSUS/IUSS CAPT Joseph P KELLY Award: CAPT Scott C LUERS, USN, CUS; the award was presented on 6 Apr 2018 at CUS HQ.
2019	
24 Jan	NOPF Dam Neck: Ribbon Cutting Ceremony at which NOPF DN officially transitioned into its expanded Integrated Undersea Surveillance System Facility. Officiating were: CDR Neil BOTTING, Senior British Officer, NOPF DN; CDR Charleese SAMPA, NOPF XO; CDR Aaron M. HOLDAWAY, NOPF CO; CAPT (RN) Nicholas WHEELER, JFC C4I SR Dept. Head; CAPT Scott LUERS, CUS; Commodore Andrew BETTON, OBE, Naval Attaché, British Embassy, Washington, D.C. Guest Speakers were RADM E Andrew BURCHER, USN Vice Director Navy Staff, Deputy Commander Submarine Force, Atlantic and Pacific; and Rear Admiral Paul HALTON, OBE, Commander Operations, Royal Navy.
28 Jun	CDR Charleese HASAN, USN assumed command of NOPF Dam Neck, relieving CDR Aaron HOLDAWAY
21 Sep	The Integrated Undersea Surveillance System (IUSS) celebrated its 65th Anniversary at the Norfolk Waterside Marriott. VADM Charles A “Chas” RICHARD, USN, Commander, Submarine Forces and Commander, Allied Submarine Command was the guest speaker. Also in attendance was RADM James P WATERS, III, USN, COMSUBGRUTWO. Mr. Inge DAHL received the SOSUS/IUSS CAPT Joseph P KELLY Award, presented by CAPT Scott C LUERS, USN, Commander Undersea Surveillance.
1 Oct	NOPF Dam Neck held its 40 th Anniversary Celebration with a ceremony dedicating the new watchfloor in the names of CAPTs Jim and Kathy DONOVAN, both former Commanding Officers of NOPF DN, and naming of the “new” Edwin K SMOCK Conference Room. CAPT Charleese HASAN, NOPF CO, officiated. Also in attendance was CAPT Paul “Scratch” HRYSKANICH, USN (Ret), the first CO of NOPF DN.
	Expeditionary SURTASS (SURTASS-E) prototype system made first deployment
2020	
10 Jan	CAPT Brian C TADDIKEN, USN relieved CAPT Scott C LUERS, USN as Commander Undersea Surveillance (CUS).
	CUS HQ building expansion broke ground
24 Jul	CDR Eric KIRLIN, USN assumed command of NOPF Dam Neck, relieving CAPT Charleese HASAN