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DEPARTMENT OF THE NAVY  
COMMANDER SUBMARINE FORCE  
UNITED STATES PACIFIC FLEET  
PEARL HARBOR, HI 96860-6550

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From: Commander Submarine Force, U.S. Pacific Fleet  
To: Director of Naval History (OP-09B9)

Subj: COMMAND HISTORY FOR 1992 (OPNAV Report 5750-1)

Ref: (a) OPNAVINST 5750.12C

Encl: (1) 1992 COMSUBPAC Command History  
(2) Biography and photograph of RADM Henry C. McKinney,  
USN, COMSUBPAC [Bio FILE; Photo TRANS. to OLL]

1. Enclosure (1) is forwarded in accordance with reference (a).

*D. von Suskil*  
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Chief of Staff

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1992 COMSUBPAC COMMAND HISTORY

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SECTION I

MISSION

1. (U) The Commander of the Submarine Force U.S. Pacific Fleet is the principal advisor to the Fleet Commander in Chief for submarine matters. Under his command are 47 submarines, including USS KAMEHAMEHA (SSBN 642) and USS ASHEVILLE (SSN 758), which became operational assets of SUBPAC in July and September, respectively. The Submarine Force also includes 3 submarine tenders, 3 floating dry docks, 1 submarine rescue ship, 4 deep submergence vehicles, 3 submarine groups, 6 submarine squadrons and three bases. There are 1,548 officers, 16,283 enlisted personnel and 1,836 civilians in the command.

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SECTION II

TACTICAL COMBAT SYSTEMS (U)

1. (U) FOREIGN TRAINING. None.
2. (U) PROSPECTIVE COMMANDING OFFICER (PCO) SCHOOL. Eleven SUBPAC officers successfully completed the nine week Submarine Force PCO school.
3. (U) HOLLYWOOD EXERCISES. Two HOLLYWOOD advanced ASW freeplay exercises and two multi-sensor exercise HARPOON launches were conducted.
4. (U) COMBAT SYSTEM CERTIFICATION AND TRAINING.
  - a. (U) 26 ships completed tactical weapons proficiency and certification inspections.
  - b. (U) The Combat System Training Team (CSTT) conducted shipyard CCS MK1 Digital Fire Control Training for one SSN.
  - c. (U) Two SSNs completed TOMAHAWK training and certification with the CCS MK1 Digital Fire Control System.
  - d. (U) Six SSNs completed MK48 ADCAP training and certification with the CCS MK1 Digital Fire Control System.
  - e. ~~(C)~~ 15 SSNs participated in nine fleet-wide cruise missile SLAMEX exercises.
  - f. ~~(C)~~ 25 SSNs participated in cruise missile Mission Data Update (MDU) exercises in which 87 of the 103 MDU attempts were successful.
  - g. ~~(C)~~ The COMSUBPAC weekly Over-The-Horizon targeting exercise program reported 333 cruise missile events with 30 SUBPAC SSNs participating.
  - h. (U) Three AN/BQQ-5 Phase I and Phase II and two Phase III training sessions were conducted by the COMSUBPAC Combat System Training Team (CSTT). CSTT members assisted on two TRIDENT Tactical Readiness Evaluations (TRE) and seven SSN TRES.
5. ~~(C)~~ TRAINING MINEFIELDS (TMFs). Twenty SSN submarine training minefield exercises were conducted.
6. ~~(C)~~ SUMMARY OF EXERCISES/OPERATIONS. The Tactical Analysis Group (N72) planned and coordinated the following exercises for tactical evaluation:

TACDEVEX 11-92 ~~(C)~~

A torpedo firing exercise designed to evaluate search, approach and attack of simulated diesel submarines on the BSURE

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range off Kauai. Four SSNs participated. Active and passive search and track was evaluated, employing several ADCAP and multiple MK-48 torpedoes.

TACDEVEX 13-92 (C)

This exercise was a joint US-JMSDF exercise conducted in the Sea of Japan in June. The exercise focused on anti-diesel tactics employing active and passive sonar. This exercise successfully demonstrated coordinated operations with MPA.

TACDEVEX 5-93 (C)

An exercise conducted in conjunction with the Australian LUNGFISH Exercise in December 100 NM north-east of Sydney in the Coral Sea. The TACDEVEX evaluated active sonar performance against Oberon-class submarines in a difficult acoustic environment and emphasized coordinated operations with MPA. Results of this exercise played a major role in defining quick-reaction firing tactics and increased our knowledge of diesel submarine operations.

7. (U) SSN COMBAT SYSTEMS DEVELOPMENTS. The following Combat Systems related items were accomplished:

a. (U) Completed Consolidated ASW Readiness Test (CART) on USS ASPRO, USS CAVALLA, USS BIRMINGHAM, USS RICHARD B. RUSSELL, USS TAUTOG, USS HOUSTON, and USS LOUISVILLE.

b. (U) Arranged for delivery of needed weapons handling equipment for USS HOLLAND during recent tender turnover. Redistributed excess USS PROTEUS assets to COMSUBPAC activities.

c. (U) Arranged for the removal of needed torpedo tube parts from decommissioning units to COMSUBPAC training facilities.

d. (U) Identified and corrected a MK82 Weapon Data Converter circuit card wiring problem which was causing HARPOON data link failures during testing. This entailed a fleet-wide recall of specific circuit card serial numbers.

e. (U) Initiated action to correct torpedo ejection pump jamming (by zinc fragments) by ordering fleetwide SSN inspections, utilizing a test zinc cage on USS CAVALLA, and eliminating zinc usage (for evaluation purposes) on USS PARCHE and USS RICHARD B. RUSSELL.

8. (U) TACTICAL WEAPONS SYSTEM

a. (C) 306 MK48 and 65 MK48 ADCAP torpedo firings were conducted.

5 U.S.C. § 552 (b)(1).

b. (U) Thirty-two MK48 torpedo proficiency/certification

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exercises and eight ADCAP certification exercises were conducted. All were evaluated as SATISFACTORY.

c. (C) SUBPAC ships launched two TOMAHAWK missiles. Both were successful during flight.

d. (C) Three Mine Readiness Certification Inspections were completed SATISFACTORY by SUBPAC submarines.

e. (C) Three Dry Deck Shelter capable submarines conducted four operations and participated in two major exercises (TANDEM THRUST 92 and VARSITY SWIMMER)

f. (C) Six submarines conducted nine Lock-In, Lock-Out (LOLI) operations.

9. (U) TACTICAL READINESS EXAMINATIONS. (TRE)

The COMSUBPAC TRE teams conducted a total of 15 SSN TREs, 12 SSBN TREs, and 7 POMCERTs.

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SECTION III

OPERATIONS AND PLANS (U)

1. (U) FORCE COMPOSITION. Ships comprising the Submarine Force, U.S. Pacific Fleet were:

COMSUBRON ONE (Pearl Harbor)

TAUTOG (SSN 639)  
ASPRO (SSN 648)  
WILLIAM H. BATES (SSN 680)  
TUNNY (SSN 682)  
CAVALLA (SSN 684)  
OLYMPIA (SSN 717)  
HAWKBILL (SSN 666)  
PINTADO (SSN 672)

COMSUBRON ELEVEN (San Diego)

MCKEE (AS 41)  
ARCO (ARDM 5)  
LA JOLLA (SSN 701)  
SALT LAKE CITY (SSN 716) (DMP  
MINSY)  
CHICAGO (SSN 721)  
LOUISVILLE (SSN 724)  
PASADENA (SSN 752)  
TOPEKA (SSN 754)

COMSUBGRU FIVE (San Diego)

KAMEHAMEHA (SSN 642) (CONV  
MINSY)

COMSUBGRU NINE (Bangor)

TINOSA (SSN 606) (DEACT PSNSY)  
ALEXANDER HAMILTON (SSBN 617)  
G.W. CARVER (SSBN 656) (DEACT  
PSNSY)  
WILL ROGERS (SSBN 659) (DEACT  
PSNSY)

COMSUBRON SEVENTEEN (Bangor)

OHIO (SSBN 726)  
MICHIGAN (SSBN 727)  
FLORIDA (SSBN 728)  
GEORGIA (SSBN 729)  
HENRY M. JACKSON (SSBN 730)  
ALABAMA (SSBN 731)  
ALASKA (SSBN 732)  
NEVADA (SSBN 733)

COMSUBRON SEVEN (Pearl Harbor)

FLASHER (SSN 613) (DEACT  
PHNSY)  
LOS ANGELES (SSN 688)  
OMAHA (SSN 692)  
BIRMINGHAM (SSN 695)  
NEW YORK CITY (SSN 696)  
INDIANAPOLIS (SSN 697)  
BREMERTON (SSN 698)  
SAN FRANCISCO (SSN 711)  
BUFFALO (SSN 715) (DMP PHNSY)  
HONOLULU (SSN 718) (DMP PHNSY)  
HELENA (SSN 725)

COMSUBRON THREE (San Diego)

DIXON (AS 37)  
SAN ONOFRE (ARD 30)  
POGY (SSN 647)  
PUFFER (SSN 652)  
GURNARD (SSN 662)  
DRUM (SSN 677)  
PORTSMOUTH (SSN 707)

COMSUBDEVGRU ONE (San Diego)

MYSTIC (DSRV 1)  
AVALON (DSRV 2)  
TURTLE (DSV 3)  
SEA CLIFF (DSV 4)  
PIGEON (ASR 21) (ROH LBNSY)  
DOLPHIN (AGSS 555) (ROH MINSY)  
PARCHE (SSN 683)  
RICHARD B. RUSSELL (SSN 687)

COMSUBGRU SEVEN (Yokosuka)

HOLLAND (AS 32) (GUAM)

SUBASE (Pearl Harbor)

COMPETENT (AFDM 6)



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## 2. (U) Changes to the force:

### LOSSES

USS GUARDFISH	(SSN 612)	04 FEB
USS FLASHER	(SSN 613)	28 MAY
USS GUITARRO	(SSN 665)	20 JUL
USS PIGEON	(ASR 21)	25 AUG
USS PROTEUS	(AS 19)	30 SEP

### GAINS

		<u>FROM</u>	<u>TO</u>	<u>DATE</u>
USS KAMEHAMEHA	(SSN 642)	CSG2	CSG5	05 AUG
USS ASHEVILLE	(SSN 758)	CSS8	CSS11	28 SEP
USS HOLLAND	(AS 32)	CSS18	CSG7	01 JUN

3. (C) Operations. Submarines were used in services, underway training, exercises, deployments, special operations, overhauls, and upkeeps. 1852 submarine days were dedicated to WESTPAC deployments. Overhauls, upkeeps, and other availabilities accounted for 5211 days. 813 days of services were provided to various users, including fleet exercises and ASW/CVBG training events to enhance Pacific Fleet readiness. 2973 submarine days were dedicated to type training and other pro-submarine evolutions.

## 4. (C) Battle Group Support. Beginning in late 1992.

: 5 U.S.C. § 552 (b)(1) :

While supporting the

battlegroup, Pacific Force SSNs made the first Persian Gulf deployment and upkeep for a submarine.

: 5 U.S.C. § 552 (b)(1) :

5. (C) The following submarines deployed to or returned from WESTPAC (average homeport-to-homeport deployment length was six months):

PASADENA	INDIANAPOLIS	HELENA
DRUM	PUFFER	TUNNY
CHICAGO	TAUTOG	BATES
TOPEKA	OMAHA	ASPRO
LOUISVILLE	HOUSTON	

## 6. (C) Submarines participated in the following exercises:

<u>EXERCISE/SHIP</u>	<u>DATES</u>	<u>LOCATION</u>
<u>ASWEX 92-2JA</u>		
USS HELENA (SSN 725)	24 - 28 FEB	WESTPAC

JMSDF SUB COMPETITION

USS DRUM (SSN 677) 19 - 21 MAR WESTPAC

PACSUBASWEX 92-3 (TACDEVEX 11-92)

USS HONOLULU (SSN 718)  
USS NEW YORK CITY (SSN 696)  
USS OMAHA (SSN 692)  
USS CAVALLA (SSN 684) 11 - 20 MAY WESTPAC

Anti-SS tactics

USS CHICAGO (SSN 721) 1 - 5 MAY WESTPAC

SHIN KAME/TACDEVEX 12-92

USS HELENA (SSN 725) 18 - 19 MAY WESTPAC

PACSUBASWEX 92-4 (TACDEVEX 13-92)

USS HELENA (SSN 725) 13 - 15 JUN  
USS CHICAGO (SSN 721) 14 - 17 JUN WESTPAC

KILOEX and TORPEX

USS NEW YORK CITY (SSN 696) 08 - 10 JUN

RIMPAC 92

MIDPAC to  
SOCAL

PHASE 3U

USS LOUISVILLE (SSN 724) 23 JUN - 02 JUL  
USS G.W.CARVER (SSBN 656) 25 JUN - 02 JUL

PHASE 3X

USS LOS ANGELES (SSN 688) 27 JUN - 01 JUL  
USS HONOLULU (SSN 718) 24 JUN - 01 JUL

PHASE 5

USS LOS ANGELES (SSN 688) 07 - 23 JUL  
USS HONOLULU (SSN 718) 07 - 23 JUL  
USS LOUISVILLE (SSN 724) 06 - 23 JUL  
USS G.W.CARVER (SSBN 656) 10 - 23 JUL  
USS PASADENA (SSN 752) 06 - 23 JUL

KAME OP

USS TOPEKA (SSN 754) 23 AUG WESTPAC

LUNGFISH (TACDEVEX 5-93)

USS OMAHA (SSN 692) 07 - 12 DEC

SHALLOW WATER OPERATIONS

USS DRUM (SSN 677) 15 APR - 31 MAY WESTPAC

SHIN KAME/TACDEVEX 12-92

USS HELENA (SSN 725) 18 - 19 MAY WESTPAC

ASWEX 92-1US

USS CHICAGO (SSN 721) 06 - 09 JUN WESTPAC

PACSUBASWEX 92-4

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USS HELENA (SSN 725)	13 - 17 JUN	
USS CHICAGO (SSN 721)	14 - 17 JUN	WESTPAC
<u>SHALLOW WATER OPERATIONS</u>		
USS TAUTOG (SSN 639)	01 - 30 SEP	WESTPAC
<u>PCOSS/COMPTUEX 92-2</u>		
USS HONOLULU (SSN 718)		
USS GURNARD (SSN 662)	03 - 13 FEB	MIDPAC
<u>ASW PROFICIENCY TRAINING</u>		
USS POGY (SSN 647)	10 - 12 FEB	SOCAL
USS A. HAMILTON (SSBN 617)	13 FEB	SOCAL
<u>ASWOP 92-2</u>		
USS G.W. CARVER (SSBN 656)	14 - 23 FEB	PACNORWEST
<u>ASWEX 92-2JA</u>		
USS HELENA (SSN 725)	24 - 29 FEB	WESTPAC
<u>ASW training for INDEPENDENCE CVBG</u>		
USS SAN FRANCISCO (SSN 711)	08 - 14 MAR	WESTPAC
<u>COMPTUEX 92-3</u>		
USS TOPEKA (SSN 754)	18 - 22 MAY	SOCAL
<u>FLEETEX 92-1E</u>		
USS LOUISVILLE (SSN 724)	26 - 03 JUN	SOCAL to
USS TOPEKA (SSN 754)		PACNORWEST
<u>ASWEX 92-1US</u>		
USS CHICAGO (SSN 721)	06 - 09 JUN	WESTPAC
<u>FLEETEX 92-2E</u>		
USS LOUISVILLE (SSN 724)	06 - 14 JUN	PACNORWEST to
USS TOPEKA (SSN 754)	06 - 10 JUN	SOCAL
<u>COMPTUEX 92-6T</u>		
USS LA JOLLA (SSN 701)	15 - 18 JUN	SOCAL
<u>Evaluation for the RANGER CVBG</u>		
USS WILL ROGERS (SSBN 659)	16 - 22 JUN	SOCAL
<u>FLEETEX 92-3E</u>		
USS HOUSTON (SSN 713)	20 - 23 JUN	SOCAL
<u>ASWEX 92-2K</u>		
USS CHICAGO (SSN 721)	24 - 28 JUN	WESTPAC
<u>COMPTUEX 92-7T</u>		
USS POGY (SSN 647)	24 - 28 JUL	SOCAL
<u>RANGER CVBG deployment</u>		
USS TOPEKA (SSN 754)	03 AUG - 01 FEB 93	WESTPAC

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Transit with RANGER CVBG

USS OMAHA (SSN 692)

03 - 17 AUG

SOCAL to  
WESTPAC

PCOSS/COMPTUEX 92-8T

USS SAN FRANCISCO (SSN 711)

USS LA JOLLA (SSN 701)

10 - 21 AUG

MIDPAC

FLEETEX 92-2A

USS LOUISVILLE (SSN 724)

USS HOUSTON (SSN 713)

31 - 10 SEP

SOCAL

FLEETEX 92-2B

USS LOUISVILLE (SSN 724)

USS HOUSTON (SSN 713)

USS SAN FRANCISCO (SSN 711)

21 - 29 SEP

SOCAL

FLEETEX 92-2C

USS LOUISVILLE (SSN 724)

USS HOUSTON (SSN 713)

USS SAN FRANCISCO (SSN 711)

30 SEP - 02 OCT

SOCAL

COMPTUEX 93-10T

USS SAN FRANCISCO (SSN 711)

06 - 08 OCT

SANFRAN OPAREAS

ASWOP 93-1

USS BREMERTON (SSN 698)

19 - 29 OCT

MIDPAC

COMPTUEX 93-3

USS POGY (SSN 647)

26 - 30 OCT

SOCAL

FLEETEX 93-1A

USS LA JOLLA (SSN 701)

USS POGY (SSN 647)

31 OCT - 05 NOV

SOCAL

KEEN EDGE 93 and ANNUALEX

USS ASPRO (SSN 648)

07 - 16 NOV

WESTPAC

COMPTUEX 93-2T

USS CHICAGO (SSN 721)

16 - 18 NOV

SOCAL

ASWEX 93-1K

USS ASPRO (SSN 648)

28 NOV - 03 DEC

WESTPAC

FLEETEX 93-1B

USS BIRMINGHAM (SSN 695)

USS POGY (SSN 647)

07 - 14 DEC

SOCAL

ASWEX 93-1US

USS ASPRO (SSN 648)

08 - 12 DEC

WESTPAC

FLEETEX 93-1C

USS BIRMINGHAM (SSN 695)

USS POGY (SSN 647)

15 - 17 DEC

SOCAL

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<u>OTL 121</u> USS GURNARD (SSN 662)	01 - 03 APR	SOCAL
<u>OTL 1250</u> USS PUFFER (SSN 652)	18 AUG	SOCAL
<u>OTL 133</u> USS HOUSTON (SSN 713)	23 - 24 SEP	SOCAL
<u>SLMMEX</u> USS CAVALLA (SSN 684)	28 MAY	MIDPAC
<u>DDS/SEAL predeployment training</u> USS WILLIAM H. BATES (SSN 680)	06 - 13 JAN	MIDPAC
<u>SPECWAR/SUBEX 92-1</u> USS PUFFER (SSN 652)	27 - 30 JAN	P.I.
<u>SPECWAR/SUBEX 92-2 AND DDS OPS</u> USS TUNNY (SSN 682)	14 - 27 FEB	GUAM
<u>Varsity Swimmer</u> USS TUNNY (SSN 682) USS WILLIAM H. BATES (SSN 680) USS HOUSTON (SSN 713)	11- 28 MAY	MIDPAC
<u>TANDEM THRUST 92</u> USS TUNNY (SSN 682)	29 JUN - 22 JUL	SOCAL
<u>FLEETEX 92-2C</u> USS HOUSTON (SSN 713)	30 SEP - 02 OCT	SOCAL
<u>SPECWAREX</u> USS WILLIAM H. BATES (SSN 680)	02 - 15 NOV	WESTPAC
<u>EX-USS DARTER MK-48 ADCAP SINKEX</u> USS TAUTOG (SSN 639)	07 JAN	
<u>MK-48 WARSHOT</u> USS TUNNY (SSN 682) USS LA JOLLA (SSN 701)	25 - 27 AUG 17 DEC	SOCAL
<u>LFA-9</u> USS HELENA (SSN 725) USS WILL ROGERS (SSBN 659) USS G. W. CARVER (SSBN 656)	27 - 29 SEP	PACNORWEST
<u>PACSUBICEX 1-92</u> USS PINTADO (SSN 672)	11 AUG - 24 NOV	
<u>DISASTER RELIEF</u> USS DIXON (AS 37)	15 - 17 DEC	Bali
<u>SORBET ROYAL 92</u> DSRV AVALON	29 AUG - 19 SEP	MED

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JMSDF DSRV exercise

DSRV AVALON

13 AUG

SOCAL

Recovery of USMC CH-46E helicopter

USS PIGEON/UNMANNED VEHICLE

23 - 26 FEB

National Geographic Society/Iron Bottom Sound

DSV SEA CLIFF

24 JUL - 13 AUG

Guadalcanal

Military Hardware Recovery

DSV SEA CLIFF

31 AUG - 11 SEP

MIDPAC PMFR  
FORACS

NOAA National Undersea Research Program projects

DSV SEA CLIFF

17 SEP - 17 NOV

AOS-14 minehunting sonar recovery

DSV TURTLE

MAY

7. (U) Disaster Assistance

(1) (U) After Typhoon Omar devastated Guam, USS HOLLAND provided needed repair, medical and supply assistance to the Naval Station and local community. For many days after the storm, the ship's Enlisted Dining Facility (EDF) was opened to many Navy families as the only facility serving hot meals. The ship received numerous accolades for base and community support.

(2) (U) USS DIXON returned home after an extremely successful deployment completing refits and resupply efforts in the Persian Gulf on numerous surface ships and USS TOPEKA (SSN 754). On its transit, DIXON stopped in Indonesia and provided over \$100K in needed medical supplies to aid recent earthquake victims on a remote island.

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SECTION IV

MATERIAL AND LOGISTICS

1. (U) The following ships completed overhaul or DMP:  

USS HAWKBILL	(SSN 666)
USS PINTADO	(SSN 672)
USS BREMERTON	(SSN 698)
USS PORTSMOUTH	(SSN 707)
2. (U) The following ships started overhaul or DMP:  

USS DOLPHIN	(AGSS 555)
USS LOS ANGELES	(SSN 688)
USS OLYMPIA	(SSN 717)
USS HONOLULU	(SSN 718)
3. (U) The following ships completed SRA:  

USS ASPRO	(SSN 648)
USS GURNARD	(SSN 662)
USS CAVALLA	(SSN 684)
USS BIRMINGHAM	(SSN 695)
USS PASADENA	(SSN 752)
4. (U) Commenced Dry Deck Shelter System conversion of USS KAMEHAMEHA (SSBN 642).
5. (U) Successfully deployed USS DIXON (AS 37) to CENTCOM AOR.
6. (U) Accomplished intra-fleet transfer and deployed USS HOLLAND (AS 32) to Guam to relieve USS PROTEUS (AS 19). USS PROTEUS (AS 19) was decommissioned and the hull delivered to AIRPAC for use as a berthing facility.
7. (U) Implemented an extensive equipment improvement program for USS HOLLAND (AS 32) to increase propulsion reliability.
8. (U) Received MACHINIST (AFDB 8) from Subic Bay; off-loaded and placed in temporary storage at Naval Inactive Ships Maintenance Facility (NISMF). Major habitability alteration is in progress using equipment from decommissioned ships and manpower from Naval Reserve contingents.
9. (U) Implemented revised Deep Submergence Systems Quality Assurance Program.
10. (U) Implemented plan for SUBASE Pearl Harbor to accomplish Dry Deck Shelter cross fitups at substantial savings to the Navy.
11. (U) Established the Hazardous Material Reuse Store on USS MCKEE (AS 41) and commenced initiatives to expand to other tenders.

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12. (U) Commenced an initiative to install the first Advanced Technical Information System (ATIS) test site at SUBASE Pearl Harbor.

13. (U) Adjusted and stabilized TRIDENT operating cycle, which allowed for definitive scheduling of refits and lengthening the allotted time for maintenance and testing.

14. (U) Implemented Automated Diesel Engine Trend Analysis Program.

15. (U) Implemented the following Combat Systems program improvements and modernizations:

a. (U) Accomplished the following SONAR system related items:

- Installed AN/BQQ-5D on USS CAVALLA during SRA.
- Installed OK-542 Towed Array Handling System on USS HAWKBILL during post overhaul availability.
- Introduced the TB-16E Digital Towed Array to the Force.
- Developed Beartrap Acoustic Radiated Trials (BART) to replace Fleet Acoustic Sound Trials (FAST).

b. (U) Accomplished the following Navigation, Electronic and Surveillance/Countermeasure Systems related items:

- Initiated AN/WSN-3A(V)2 Electromagnetically Suspended Gyro Navigator (ESGN) reliability improvement program, coordinating implementation of short, medium and long range strategies with NUWC DET Norfolk and COMNAVSEASYSOM (06K).
- Completed installation of AN/WLQ-4(V) Data Processing Equipment Subsystem (DPES) upgrade aboard all 637 class submarine with the exception of USS PINTADO and USS WILLIAM H. BATES.

c. (U) Accomplished the following Command, Control and Communication systems related items:

- Installed the TADIAX "A" Tactical Data Link Communication System on USS CAVALLA, USS BIRMINGHAM, USS LA JOLLA, USS PORTSMOUTH, USS HOUSTON, USS LOUISVILLE, USS HELENA and USS PASADENA, providing the Force with improved connectivity and capability for Battle Group and Strike Warfare operations.
- Installed the ELF Communications System on USS POGY, USS PINTADO, USS DRUM, USS WILLIAM H. BATES, USS TUNNY, USS CAVALLA, USS BIRMINGHAM, and USS HELENA,



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providing the Force improve connectivity and tactical flexibility with the Battle Group Commander.

- Installed the Demand Assigned Multiple Access (DAMA) communications systems on USS POGY, USS BIRMINGHAM, USS PORTSMOUTH, USS HOUSTON, USS LOUISVILLE, USS HELENA, USS PASADENA and USS TOPEKA. This communications systems provides the Force with significantly improve reliability, connectivity and capability during Battle Group operations.

d. (U) Accomplished the following Fire Control Systems related items:

- Delivered HP-9020 interface upgrades to provide LINK 11 capabilities on USS BIRMINGHAM, USS BREMERTON, USS WILLIAM H. BATES, USS OMAHA, USS ASPRO, USS TAUTOG, USS INDIANAPOLIS, USS LOS ANGELES, USS GURNARD, USS HELENA, USS CAVALLA, USS NEW YORK CITY, USS PARCHE, USS HOUSTON, USS POGY, USS TOPEKA, USS LOUISVILLE, and USS RICHARD B. RUSSELL.
- Installed MK-60 Mine Handling Capability on USS PORTSMOUTH and USS LA JOLLA.

16. (U) Successfully implemented the Maintenance Resource Management System (MRMS) onboard USS MCKEE (AS 41). The MRMS program tracks maintenance actions and document associated manhours.

17. (U) Incurred interoperability cost avoidance of approximately \$1 million at SUBASE Pearl Harbor and \$1.7 million dollars in the San Diego area for the USS DIXON (AS 37) and USS MCKEE (AS 41).

18. (U) Completed automation of the SUBASE Pearl Harbor Technical Library.

19. (U) The MRMS Bulletin Board was established to allow the electronic processing of program change proposals, IMA capabilities, and "E" mail between TYCOMs, headquarters and support activities.

20. (U) Established port area Local Area Network (LAN) between SUBASE Pearl Harbor, SIMA Pearl Harbor and the Pearl Harbor Naval Shipyard.

21. (U) Issued and implemented rewrite of the Quality Assurance Manual (COMSUBLANT/COMSUBPACINST 4855.2B), and Volume II of the Maintenance Manual, (COMSUBLANT/COMSUBPACINST 4790.4A). This reduced the administrative and TYCOM imposed requirements which resulted in unnecessary and cumbersome work practices.

22. (U) Issued twenty standardized Formal Work Procedures (FWP)/Controlled Work Packages (CWP), reducing the preparation

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time for Fleet maintenance.

23. (U) Participated in CINCPACFLT Intermediate Maintenance Activity Strategic Plan. Demonstrated the ability for joint interoperability by completing a submarine upkeep with a surface tender. Interoperability sites have been established at San Diego, Pearl Harbor, and Guam (limited).

24. (U) Developed and issued quarterly QA newsletters to keep ISIC and IMA Quality Assurance Officers updated on issues related to QA Programs.

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SECTION V

SUPPLY AND FINANCIAL MANAGEMENT

1. (U) COMSUBPAC Award Winners

a. (U) In January, CNO Safety Afloat "Safety S" Award in the AS category was won by USS DIXON (AS 37).

b. (U) In June, SUBASE Bangor was awarded the 1991 SECNAV Resource, Recovery, and Recycling Award for "Yard Waste Composting."

c. (U) August 1992

(1) (U) The Edward F. Ney Memorial Award winners were announced:

Submarines

USS ALABAMA (SSBN 731) (BLUE) - 2nd Place

USS LOS ANGELES (SSN 688) - Honorable Mention

Tenders/Repair Ships

USS MCKEE (AS 41) - Honorable Mention

Large Ashore

SUBASE Bangor - First Place

Medium Ashore

SUBASE San Diego - First Place

SUBASE Pearl Harbor - Honorable Mention

(2) (U) TRIREFFAC Bangor was announced as a CINCPACFLT FY 91 Buy Our Spares Smart (BOSS) Excellence Award Winner (sixth consecutive year that TRIREFFAC has earned this award). Four hundred and forty-seven cases were submitted under the BOSS program with a cost avoidance achieved of \$149,000.

d. (U) The Ship's Store Best Sales and Service Award Winners were announced for the latest eighteen-month cycle with the USS PROTEUS (AS 19) and the USS MCKEE (AS 41) placing in the honorable mention category.

e. (U) SUBASE Bangor was awarded the 4-star award for the SECNAV Star Accreditation Program for Clubs.

f. (U) USS MCKEE (AS 41) was awarded first place in the "Inport" category and USS MICHIGAN (SSBN 727) (BLUE) was awarded first place in the "Underway" category for the Fleet Recreation Award.

g. (U) "Blue E" Award winners were:

USS DIXON (AS 37)

USS GURNARD (SSN 662)

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USS LA JOLLA (SSN 701)  
USS PINTADO (SSN 672)  
USS HONOLULU (SSN 718)

2. (U) COMSUBPAC Award Nominations

a. (U) SUBASE Bangor was the COMSUBPAC nominee to CINCPACFLT for the following awards:

Commander in Chief Installation Excellence Award  
Navy Shelf Help Bronze Hammer Award  
SECNAV Environmental Quality Award  
SECNAV Natural Resources Conservation Award

b. (U) SUBASE Bangor BQ was the SUBPAC nominee for the Zumwalt Award.

c. (U) COMSUBPAC nominated USS MCKEE (AS 41) for the CNO Safety Afloat AS Category Award and the COMPETENT (AFDM 6) for the CNO Safety Drydock Award to NAVSAFECEN.

d. (U) COMSUBPAC nominated TRIREFFAC Bangor and USS MICHIGAN (SSBN 727) (BLUE) are nominated for the CINCPACFLT BOSS Excellence Award.

e. (U) COMSUBPAC nominated SUBASE Pearl Harbor for the SECNAV Safety Award for Industrial Shore Activity and SUBASE San Diego for the SECNAV Safety Award for Non-Industrial Shore Activity to NAVSAFECEN.

3. (U) Chronological Events

a. (U) January

(1) (U) Formulated a Classified Network Steering Committee to directly involve representatives from all divisions in network plans and development, and facilitate open discussion of critical network issues.

(2) (U) Implemented a site license for virus protection software for all standalone microcomputers and network file servers force-wide minimizing the risk for data corruption and improving system integrity.

(3) (U) On 26 January, Installation of the command wide secure local area network begins following a formal dedication ceremony.

b. (U) In February, COMSUBPACINSTs 5100.1 and 5100.2 NAVY OCCUPATIONAL AND HEALTH (NAVOSH) PROGRAM AFLOAT AND ASHORE were respectively implemented.

c. (U) March

(1) (U) In conjunction with Naval Station Pearl Harbor

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Consolidation, discussions began and a Quality Management Board (QMB) was chaired by SUBPAC Supply concerning consolidation of SUBASE Pearl Harbor supply operations/functions with Naval Station and the Naval Supply Center.

(2) (U) Completed MRMS LAN installation onboard the USS MCKEE (AS 41) replacing antiquated Honeywell minicomputer systems with a more sophisticated AT&T 3B2 minicomputer and shipboard network providing expansion capabilities for a ship-wide office automation system.

(3) (U) Satisfactory OSH Management Evaluations conducted of SUBASE Bangor, TRIREFAC Bangor, COMSUBGRU NINE, and COMSUBRON SEVENTEEN.

d. (U) April

(1) (U) NAVFSSO agreed with SUBPAC's recommendations for changes to requirements for use of the Food Preparation Worksheet (NAVSUP Form 1090) and a special SUBPAC modified version for submarines.

(2) (U) In preparation for their upcoming deployment, USS DIXON developed a Load List supplement for surface ship support based on the specific hulls that were planned for upkeeps, with assistance provided by SURFPAC and SPCC.

(3) (U) Acceptance Testing for buildings 619 and 654 marked the first phase of the command wide secure local area network implementation. Fifty-five personnel from staff Codes N5, 53, Flag Admin, and part of N7 were integrated into an Ethernet LAN.

(4) (U) Kuahua IMA and repair wharf projects awarded for SUBASE Pearl Harbor by Pacific Division NAVFAC.

(5) (U) USS MCKEE was designated to participate in a CINCPACFLT prototype program for afloat HAZMAT control.

(6) (U) Submarine Environmental Regulations and Procedures Manual introduced as a draft to COMSUBPAC.

e. (U) May

(1) (U) Provided input to NAVFSSO concerning their Food Service Evaluation/Training/Inspection Checklist. All twenty comments/recommendations were included in the checklist.

(2) (U) Submitted comprehensive and effective budget submission to CINCPACFLT. Acquired completed acceptance and support of all requirements.

(3) (U) USS BUFFALO (SSN 715) implemented SNAP II. Installation was completed by Pearl Harbor Naval Shipyard. Implementation conducted by NAVMASSO DET PAC. BUFFALO marks the

final Harris SNAP II installation for Submarine Force Pacific.

(4) (U) Acceptance Testing for building 661 completes the addition of Codes 25/26 to the command wide secure local area networks. The LAN is now comprised of 64 workstations spread through three buildings.

(5) (U) SUBPAC participated in the first annual PACFLT Environmental Compliance Conference in San Diego.

f. (U) June

(1) (U) USS MCKEE's HAZMAT Reuse Store opened as a CINCPACFLT prototype for afloat hazardous material supply and control.

(2) (U) Acceptance Testing conducted for building 682 adds components of Code N1 to the command wide secure local area network. This expands the LAN into a fourth building (24 additional personnel, 88 total) interconnected by a secure fiber optic backbone.

(3) (U) Construction begins on a new Enlisted Barracks project (P-048) at SUBASE San Diego. Facility will provide for 280 enlisted personnel.

g. (U) July

(1) (U) POGY, NEW YORK CITY, and INDIANAPOLIS participated in a trial SNAP II technical assist from the Supply Maintenance Mobile Training Team (SMTT). The training team provided training to all SNAP II users, supply and maintenance. This training became available to all SNAP II SSNs in 1993.

(2) (U) Oversize item and weight reduction allowance change database established and promulgated for 688 class submarines.

(3) (U) Acceptance Testing completed for buildings 1310 and 1310A. An additional 42 staff personnel are added to the LAN bringing the total to 130 including Commander Submarine Force Pacific added to the LAN. Security Test and Acceptance is conducted on all buildings certifying the security features required for classified processing. This marks the completion of Phase II of the LAN implementation.

(4) (U) Completed implementation of a 130-user unclassified Local Area Network providing extensive office automation capabilities, shared resources, software availability, configuration control, building the infrastructure for classified message distribution and access to timely data via an Executive Information System.

(5) (U) Construction begins on a new Consolidated Club facility SUBASE San Diego. Facility will serve all military

personnel on SUBASE.

h. (U) August

(1) (U) BUFFALO becomes first PACFLT submarine to achieve NAVSEA's outfitting goal of 97% of repair parts on board at end of ILO.

(2) (U) Ground breaking ceremony held for Kuahua IMA and wharf project construction at SUBASE Pearl Harbor.

(3) (U) Major claimant Level Environmental Compliance Evaluation (ECE) were conducted on SUBASE Pearl Harbor, SUBASE Bangor, and TRIREFFAC Bangor.

i. (U) September

(1) (U) Completed implementation of the Automated Travel Order System for all PACFLT activities to simplify operations and improve budgetary controls at the deck-plate level. Provided one-on-one training and customized software setup for each submarine unit by bringing them online for new fiscal year processing.

(2) (U) The SUBPAC Environmental Quality Management Board (EQMB) was formally established.

(3) (U) Base Realignment and Closure (BRAC) 93 data calls begin from the SECNAV Base Structure Analysis Team (BSAT). SUBPAC activities answer data calls 1, 3, 15, 35, 37, 38, 39, and 56.

j. (U) October

(1) (U) Released MSUP Ver 5.05 for distribution. Major revisions/improvements include a more powerful inventory module which segregates HM&E, MAM/RSS and "Q" COSAL stock record decks. Reorders are automatically calculated and users are able to upload status directly from floppy disks. Additionally, the ship is now capable of conducting inventories by location.

(2) (U) GURNARD begins experiment to measure effect of suspending SPCC generated COSAL maintenance on supply readiness.

(3) (U) Pearl Harbor based submarines converted to "end-use" financial procedures. End-use accounting eliminates the middle man (SUBASE in this case) therefore less resources need be utilized reconciling with an intermediate accounting activity.

(4) (U) AN/BSY-1 and BQQ-5 Module Screening and Repair pools were established on USS MCKEE and SUBASE Pearl Harbor.

(5) (U) SUBASE Pearl Harbor Supply Department transferred its purchasing staff and function to the Naval Supply Center, Pearl Harbor.

(6) (U) Negotiations began between SSPO and SUBPAC on the consolidation of the TRIREFFAC and SWFPAC supply operations at SUBASE Bangor.

(7) (U) Implemented Paperless Message Center at COMSUBGRU SEVEN and COMSUBGRU NINE replacing obsolete, cost-prohibitive teletype equipment with state-of-the-art microcomputers to archive message traffic for upload to the staff-wide LAN.

(8) (U) Military Construction Review Board (MCRB) held at CINCPACFLT. POM 96 military construction program approved.

k. (U) November

(1) (U) LAN expansion begins with the addition of 25 personnel in building 665. Total number of users is raised to 155. This building marks the second point to point encryption connection using fiber optic cable and the utilization of an additional remote file server.

(2) (U) Upgraded the Personal Message Distribution Terminal (PCMT) with a more capable Message Distribution Terminal (MDT) at COMSUBPAC Staff, COMSUBGRU SEVEN, and COMSUBGRU NINE which will act as front end to capture all message traffic and eventually replace the cost-prohibitive RAWEST system.

(3) (U) Implemented Valid Scan units at COMSUBPAC Staff, COMSUBGRU FINE, COMSUBGRU SEVEN, and COMSUBGRU NINE to simplify and streamline process of scanning incoming message diskettes for computer viruses for over-the-counter customers.

(4) (U) Shore Facility Planning Board (SFPB) held at OPNAV N44. POM 96 military construction program revised.

l. (U) December

(1) (U) Implemented COMSUBPAC CASREP/CANNIB Analysis Database (CASCAD) Program. Developed to identify equipment and repair parts most frequently CASREP/CANNIB reported. Calculation supply related reporting errors for ISICs to improve shipboard logistic training. Further use of CASCAD will be to analyze N/C, NIS, Part Number, and difficult to purchase stock items.

(2) (U) Of 719 COMSUBPAC CASREPs, 79 required cannibalization of another unit. This represents an overall decrease of 6.5% in CASREPs and 21% in CANNIBs compared to CY 91. Cost avoidance realized by COMSUBPAC CANNIBs from inactive ships was \$450K.

(3) (U) Completed transition of application programs from the Honeywell minicomputers to LAN-based environment savings over \$90K in annual hardware maintenance. Disassembled and removed the DPS-6/74 and DPS-6/54 Minicomputers marking the end of the mainframe version of Type Commander Headquarters Automated Information System.



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(4) (U) The NAVAL OCCUPATIONAL SAFETY AND HEALTH (NAVOSH) PROGRAM ASHORE instruction (COMSUBLANT/COMSUBPACINST 5100.14) replaces COMSUBPACINST 5100.2.

4. (U) RESOURCES AND ASSESSMENTS

A Deputy Chief of Staff for Resources and Assessments was assigned on 15 December. This Staff division, a result of the COMSUBPAC Staff reorganization, provides Pacific Submarine Force requirements to CINCPACFLT for introduction into the POM and Budget processes.

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SECTION VI

STRATEGIC SYSTEMS DIVISION (U)

1. (U) Summary of operations: Eight TRIDENT submarines operated in the Pacific.

a. (C) Pacific SSBNs completed patrols comprising 1,822 days of underway operations.

b. (C) USS OHIO (SSBN 726) (BLUE) conducted a TRIDENT operational test with a two missile firing.

c. (C) SSBN tactical security development was supported by 37 various security exercises (SECEXs).

d. (U) Continued SSBN flexibility was demonstrated with the following SSBN Continuity of Operations exercises:

(1) USS ALASKA (SSBN 732) conducted a replenishment off Port Angeles, WA using Canadian helicopter assets.

(2) USS HENRY M. JACKSON (SSBN 730) conducted an unscheduled remote replenishment using helicopters off Sitka, AK.

(3) USS ALABAMA (SSBN 731) conducted a mobile vertical replenishment in the vicinity of Homer, AK using Alaska Air National Guard assets.

(4) USS ALASKA (SSBN 732) conducted a mini-refit at Indian Island, WA and subsequent extended strategic patrol.

(5) USS HELENA (SSN 725) conducted an opposed Port Ingress/Egress through the Straits of Juan De Fuca, assisted by Canadian forces.

(6) USS WILL ROGERS (SSBN 659) conducted an opposed Port Egress from Alameda, CA.

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SECTION VII

COMMUNICATIONS

1. (U) Summary of significant events:

a. (U) Completed cutover to the Satellite Advanced Narrowband Digital Voice Terminal (ANDVT) and removed the CV-3333 FLTSEVOCOM system.

b. (U) Conducted the first Pacific CLUSTER KNAVE demonstration between a submarine and base station successfully.

c. (U) Successfully demonstrated usefulness of the Demand Assigned Multiple Access (DAMA) in Battle Group Information Exchange System (BGIXS) communications support.

d. (U) Completed installation of Message Delivery Terminals (MDT) at SUBPAC headquarters communications facility.

e. (U) Completed installation of a PC Message Terminal (PCMT) at COMSUBPAC headquarters communications facility.

f. (U) Commenced KG-84 installation in SUBPAC SPINTCOMM facility in support of SI SSIXS.

g. (U) Completed PC-PC STU-III connectivity between CINCPACFLT and COMSUBPAC SPINTCOMM facilities.

h. (U) Conducted the first Alert TRIDENT ELF operational patrol. // ✓

i. (U) Activated 4-channel VERDIN Low Frequency (LF) submarine broadcast support from NAVSECGRUACT Adak, Alaska and NAVCOMMDDET Awase, Okinawa.

j. (U) Conducted the first operational test of ELF communications for SSNs in direct support of Battle Group Operations.

k. (U) Conducted an operational demonstration of enhanced ELF communications capability.

l. (U) Completed installation of the Non-Linear Adaptive Processors (NONAP) for Pacific Fleet TRIDENT submarines.

m. (U) Implemented action for procurement and installation of a Low Profile Transmit System (LPTS) for the Pacific in support of the Strategic Connectivity System.

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## SECTION VIII

### ADMINISTRATION AND PERSONNEL

#### 1. (U) PUBLIC AFFAIRS

a. (U) The Public Affairs Office targeted civilians and military personnel ranging from civic leaders and senior officers to interested civilians, friends of the Navy, Submarine veterans and junior military personnel for pierside tours and embarks aboard SSN and SSBN submarines. The staff Public Affairs Office arranged 36 tours for approximately 700 people in Pearl Harbor alone, this included 18 day-long embarkations for 300 distinguished visitors.

b. (U) The Public Affairs Office produced numerous speeches for Force Commander, including changes of command and retirement ceremonies as well as the following significant events:

- COMSUBPAC Supply Readiness Conference: 25 Jan
- Officer Submarine Birthday Ball: 4 May
- Dedication of Bowfin Submarine Memorial: 11 May
- Memorial Day Service: 25 May
- Naval Submarine League Symposium: 20 May
- Bowfin/Pacific Fleet Submarine Memorial Association Scholarship Award Ceremony: 30 May
- NSIA Symposium: 16 September
- Falls of Clyde BBQ: 3 Oct
- Rechristening of Bowfin Submarine Memorial: 7 Dec

#### 2. (U) LEGAL

a. (U) The Force Judge Advocate reviewed 17 special courts-martial and 14 summary courts-martial. COMSUBPAC convened one Article 32 investigation, 2 general courts-martial, and one special courts-martial.

b. (U) The Force Judge Advocate staff reviewed and prepared endorsements for 116 JAG manual investigations; 7 nonjudicial punishment appeals; 2 congressional inquiries; 3 Article 138, UCMJ complaints of wrong; 36 complaints of fraud, waste and abuse; 2 Freedom of Information Act Requests; 7 admiralty letters and 4 OTH discharges in lieu of courts-martial requests.

#### 3. (U) PERSONNEL AND TRAINING

a. (U) Total overall submarine manning was 107% at the end of the year. Accounting for unexpected losses and delays in transfer and enroute training, this manning level kept the individual ships essentially C-1 throughout the year.

b. (U) Submarine Force retention figures remained high with 31% retention for first term, 61% for second term, and 71% for third term reenlistees.

c. (U) The Submarine Force headquarters reenlisted 16 personnel, advanced 23 enlisted and promoted 8 officers. 4 Legions of Merit were presented, 12 Meritorious Service Medals, 19 Navy Commendation Medals and 33 Navy Achievement Medals.

d. (U) 376 enlisted personnel were processed for submarine disqualification. This compares with 443 for the previous year. The following is a breakdown of disqualifications by type:

Environmental	1
Drug Abuse	50
Alcohol	53
Physical	72
Other Categories	200

