



DEPARTMENT OF THE NAVY
USS PROTEUS AS-19
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From: Commanding Officer, USS PROTEUS (AS-19)
To: Director of Naval History (OP-09B9), Washington
Navy Yard, Washington, D. C. 20390

Subj: USS PROTEUS (AS-19) Command History for Calendar
Year 1975 (OPNAV Report 5750-1)

Ref: (a) OPNAVINST 5750.12A

Encl: (1) USS PROTEUS (AS-19) Command History for
Calendar Year 1975

1. In accordance with reference (a), enclosure (1) is
forwarded.

M. S. GREER, JR.

Copy to: (Less Section III of enclosure (1))
CINCPACFLT
COMSUBPAC (PAO)
COMSUBRON FIFTEEN
PACIFIC SUBMARINE MUSEUM, PEARL HARBOR, HAWAII



COMMAND HISTORY OF USS PROTEUS (AS-19)

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COMMAND HISTORY OF USS PROTEUS (AS-19)

SECTION I

CHRONOLOGY OF HIGHLIGHTS

- 1 JAN 75 USS PROTEUS commenced the New Year at FBM Submarine Replenishment Site III, Apra Harbor, Guam, M. I. as a unit of Submarine Squadron FIFTEEN.
- APR-MAY 75 Participated in the evacuation effort of over 110,000 Vietnamese Refugees. This joint program was the largest of its kind in United States History and involved the immediate requirement to house, feed, medically treat, process for American citizenship and transport to the United States.
- 9 JUL 75 PROTEUS was awarded the COMSUBPAC Fiscal Year 1975 Departmental Awards in the areas of Engineering "E" for excellence and the Supply "E" for Supply Support.
- 7 AUG 75 Honorable Edward C. ALDRIDGE, Jr., DASD (PA+E) and party arrived for a tour of FBM Submarine Replenishment Site III.
- 13 OCT 75 Picnic and recreational activities held at Polaris Point Beach as part of Navy Birthday 1975 celebrations.

24 OCT 75

PROTEUS closed out her part in the Overseas Combined Federal Campaigned with 100 per- cent of personnel attached contributing for a total of \$15, 320.25.

SECTION II

BASIC NARRATIVE

COMMAND ORGANIZATION AND RELATIONS

1. Captain Marvin S. GREER, Jr., USN was Commanding Officer during the entire reporting period.

2. The allowance of PROTEUS for this reporting period has been 52 officers (plus one Marine Captain who serves as the Commanding officer of the Marine Detachment), 1139 enlisted men and 30 marines.

OPERATIONS

1. Conducted type training and independent ship exercises from 28 February 75 - 1 March 75 and from 21 November 75- 25 November 75.

SPECIAL TOPICS

1. Repair Functions

a. USS PROTEUS expended approximately 328, 351 manhours of repair labor on Fleet Ballistic Missile Submarines of COMSUBRON FIFTEEN. In addition, another 51, 547 manhours of repair labor were expended on various submarines and units of the U. S. Pacific Fleet not in regular refit. PROTEUS's Repair Department expended over 115,442 manhours of labor on own ship repairs. This labor was expended in accomplishing 5123 SSBN, 1260 SSN and 1226 PROTEUS work requests. Operation New Life expended 12,301 manhours of PROTEUS labor.

b. Significant major jobs accomplished during this period were:

(1) [REDACTED]

(2) [REDACTED]

(3) STASS installation on USS THEODORE ROOSEVELT (SSBN600) in September 1975 and USS ABRAHAM LINCOLN (SSBN602) in October 1975.

(4) Overhaul of the Emergency Diesel Blowers on USS THEODORE ROOSEVELT (SSN600) in September 1975 and USS SAM HOUSTON (SSBN609) in December 1975.

(5) Replacement of the Main Propulsion Clutch on USS ETHAN ALLEN (SSBN608) requiring 5000 manhours of PROTEUS personnel labor and an assist from the factory tech representative in November 1975.

(6) Replacement of the SSTG Rotor, with hull patch on USS ETHAN ALLEN (SSBN 608) in a joint effort with Mare Island Naval Shipyard personnel in November 1975.

(7) Replacement of the Main Engine Throttle Valve on USS PERMIT (SSN594) in December 1975.

(8) Removal and replacement of ship's screw on USS THEODORE ROOSEVELT (SSBN600) in September 1975.

(9) Battery change on USS ASPRO (SSN648) as a joint effort with Charleston Naval Shipyard personnel in October 1975.

(10) Battery change on USS ETHAN ALLEN (SSBN608) as a joint effort with Charleston Naval Shipyard personnel in November 1975.

(11) Repair of No. 1 SAS Turbo Charger for USS PROTEUS in conjunction with SRF during December 1975.

(12) Upgrading of Repair Work centers and the commencement of major renovation to consolidate the Repair, Weapons and Supply tech libraries.

(13) Upgrading of the Recompression Chamber and commencement of a general overhaul to upgrade USS PROTEUS Diving systems.

(14) Rebuilding of PROTEUS shore power boom to support the new shore power installation.

(15) Complete rebuilding of both sculleries in the ship's galley.

(16) Replacement of the entire BQR-2C hydrophone array, BQS-4 transducer, BQN-3 transducer, BQH-1 element transducer, and several DUUG hydrophones, including a BQC transducer assisted by ship's force personnel. The refit was accomplished in a thirteen day period from November 13 to November 27, 1975 on the ROBERT E. LEE (SSBN601). The job was interrupted by Typhoon June, forcing the SSBN 601 out of drydock for several days which delayed the undocking schedule by only one day.

2. Supply and Logistics

a. Logistic support of Site III was significantly enhanced

in 1975 by the completion of a modern SUBMART facility, and four expansive warehouses to provide covered storage for materials previously located on YFNB-35 and in the open field.

b. The Annual Supply Inspection conducted during October by the COMSUBPAC Force Supply Officer and members of his staff found the Supply Department to be "a very dynamic service oriented organization." The final report further stated "Personnel throughout the department demonstrated the willingness and the dedication to provide the best possible service to both supported units and shipboard personnel."

c. Assistance visits were provided by the Fleet Assistance Group, Pacific and the Navy Resale Systems Office. Additionally the General Accounting Office was on board for seven weeks to conduct a major review of the "Navy's supply support of submarines."

d. In the critical support role provided by the Submarine Supply Assistance Team (SUBSAT) the PROTEUS achieved superlative effectiveness during 24 SSBN refits and 10 SSN upkeeps. More than 50,000 requisitions were received from submarines and nearly 32,000 divisional requisitions. A net effectiveness in excess of 94%, and a gross effectiveness in excess of 86%, were maintained during FY 1975 for submarine refits. In terms of overall effectiveness calendar year 1975 was a record setter with net effectiveness at 93.73% and gross effectiveness at 85.92%, both of which

exceed by considerable margins the SUBPAC goals of 90% and 75% respectively. In achieving those record plateaus PROTEUS issued 82, 645 items to its customers, despite the perplexing problems encountered with escalating price increases and major cognizance material migrations from APA to NSA on 1 July 1975.

e. A stock purification program was undertaken and an aggressive off load program was initiated which resulted in a decline of approximately 4000 items in line items carried. This was accomplished without any deleterious impact on support.

f. Levels parameters were reviewed and a gradual reduction of stock range and depth was initiated. As the first step in this regard, the safety level parameter was reduced from 90 days to 60 days after reviews of GAO findings and FMSO simulation studies indicated such actions should be taken.

g. During calendar year 1975 PROTEUS continued to do a voluminous receiving/shipping business with 764 tons of air cargo and 3006 tons of surface cargo received, and 120 tons of air cargo and 751 tons of surface cargo shipped.

h. The Food Service operation on board PROTEUS was highlighted by the disestablishment of the Wardroom Mess as a private mess on 1 July 1975 and the transition to reliance on support from the enlisted dining facility. Cross training programs were

implemented, and rotational pool concept was implemented to absorb cleanliness of stateroom, passageway and head facilities functions. Rations fed equated to a staggering 635,000 meals served and stores consumed amounted to nearly \$568,000.00. More than \$82,500.00 worth of bulk food items were sold to private messes and nearly \$1,207,000.00 worth of subsistence items were transferred to submarines. Considerable improvements in storeroom and food preparation space sanitation and cleanliness were implemented during the year, as well as renovations of scullery areas to provide expanded capabilities.

i. The Disbursing Office effected payroll transactions in excess of \$6.5 million during 1975 to PROTEUS and submarine personnel. An on-site audit was performed by representatives from NRFC Pearl Harbor with no deficiencies noted in accountability.

j. The transition of all officer records to JUMPS was completed smoothly during December for the 1 January 1976 implementation, despite the relocation of the Disbursing Office to the 01 level adjacent to the Personnel Office.

k. The Ship's Store operation was highlighted by the relocation, rearrangement and refurbishment of all retail outlets, including the soda fountain. Additionally, the Special Order Office was relocated to an air conditioned space on the pier. Other major accomplishments included revamping of the records keeping system to streamline the document flow, elimination of

slow and non-moving items, reduction of inventory levels and increasing the sale of vending machine products.

1. The combination of the various improvements resulted in total sales in 1975 of more than \$541,000.00 and nearly \$89,000.00 in profits for the expanding recreation and sports activities at Site III.

3. Weapons Repair Functions

a. Weapons Repair Department provided support to units of SUBRON FIFTEEN and various SUBPAC units at Site III, Apra Harbor, Guam M. I.. This support consisted primarily of repair and maintenance for Polaris A-3 missile, MK14-5, MK37-2 and MK45-1 torpedoes, associated fire control systems and the FBM Navigation subsystem.

b. Sixty seven submarine refits were conducted this calendar year with approximately 88,000 manhours expended in missile handling evolutions and in handling 739 torpedoes. In addition 4,236 Quality Assurance Inspections were conducted.

c. The following weapons associated inspections or technical assistance was conducted on PROTEUS:

(1) Naval Technical Proficiency Inspection by COMSUBPAC with a grade of satisfactory assigned.

(2) MK 48 torpedo handling training by Naval Underseas System Center.

(3) TRAT inspection by Torpedo Readiness and Assis-

tance Team from NOSSOLANT.

(4) Weapons System Accuracy Test (WSAT) on an SSBN.

d. A total of 187 Spalts and 8 ShipAlt/Ordalts were accomplished on PROTEUS and other units of SUBRON FIFTEEN.

e. W-5 (Navigation) Division assumed the responsibility of repairing all electronics test equipment for the ship and tended submarines.

f. A major casualty in the Missile Bridge Crane caused a three week down period. Through diligence and effort on the part of many people the crane was placed back in operation after 1200 manhours of labor and the replacement of numerous parts. The crane was retested and certified for use by personnel from Mare Island Naval Shipyard..

g. During calendar year 1975 a new division was formed within Weapons Repair Department. This division, W-6 or Gunnery Division, has been tasked with the responsibility for the control and maintenance of the ship's small arms. Gunnery Division completed ShipAlt 1300D which removed the 5" 38 gun mount, converted the powder and projectile magazines into Supply Department storerooms, removed the ammunition hoist equipment, relocated the Ship's Armory, and relocated the forward 20mm gun mounts to the helo deck, aft. The accomplishment of this ShipAlt cleared up many outstanding INSURV discrepancies. Other INSURV discrepancies corrected include the refurbishment of the magazine sprinkler system in the small

arms magazine (A-508-M), and refurbishment of the sprinkler system trunk (A-509-T). Also, heat shields were installed on all 20mm Ready Service Lockers and new high security small arms lockers were installed within the new high security Ship's Armory.

4. Engineering Function

- a. Replaced clutch assembly and turbo charger on No. 1 SAS engine.
- b. Replaced expansion joints in No. 1 and No. 2 boilers. (SRF)
- c. Removed exploratory tube block in No. 2 boiler (SRF)
- d. Renewed sidewall casing and brick work on No. 1 boiler.
- e. Rerolled all tubes in No. 2 boiler.
- f. Retubed high drain cooler.
- g. AS-19 consumed 503, 981 Gal. diesel fuel marine.
- h. AS-19 consumed 9,503 Gal. 9250 lube oil.
- i. AS-19 supplied 47,261 Gal. diesel fuel marine to submarines.
- j. AS-19 supplied 2,209 Gal. 9250 lube oil to submarines.
- k. AS-19 supplied 30,622 Gal. 2190 tep lube oil to submarines.
- l. AS-19 supplied 998,355 Gal. pure water to submarines.
- m. Completed 3,780 boat runs.
- n. AS-19 supplied 12,000 pounds of CO2 to submarines.
- o. AS-19 supplied 13,700 gallons of liquid oxygen to submarines.
- p. AS-19 supplied 9,000 gallons of liquid nitrogen to submarines.
- q. AS-19 completed 6 shipalts.
- r. AS-19 completed 3 A & I items.
- s. AS-19 supplied 498,700 K. W. H. of electricity to submarines.

5. Communications Functions

a. The Communications Department maintained COMSUBRON FIFTEEN's communications guard for the entire year of 1975. In addition, the communications guard was maintained for all SSN/SSBN units tended. The department handled 22,334 outgoing, 52,924 incoming and screened 135,035 messages.

b. ShipAlts 1116 and 1198 were completed on the ship as well as the installation of 1 URT-24, 1 Facsimile system, 1 KW-26 and the removal of 1 WRT-1. The departments Electronics Technicians completed 1 SSBN-970, 5 SSBN-1182 and 3 SSBN-1285 SHIPALTS and installed 1 URT-23, 3 VERDIN systems, and 3 R-1663s on tended submarines. They also overhauled 57 KWR-37s from submarines and installed 2 KWR-37s on destroyers. The Navigation/Communications capability of COMSUBRON FIFTEEN's Torpedo Retriever was upgraded through the installation of an LN-66 radar and modern communications equipment.

6. Personnel

a. Reenlistments

Career	65	reenlisted	22	separated
Non-Career	22	reenlisted	61	separated
Total	87	reenlisted	83	separated

b. Receipts and transfers

Officer receipts :	27	Enlisted receipts:	768
Officer transfer :	26	Enlisted transfers:	707

c. Advancements

Rate	E-4	E-5	E-6	E-7	E-8	E-9
Advanced	90	70	45	5	4	1

7. Medical

a. Physicals performed.	636
b. Prescriptions issued and filled.	8722
c. Laboratory tests performed.	4999
d. Immunizations given.	5117
e. Electrocardiographs.	95
f. X-Ray examinations.	4690
g. Venereal disease cases reported.	25
h. Tuberculin skin tests.	1500
i. Accidents occurred on board.	145
j. Optical orders.	197
k. Film Badges and TLD's processed and read.	3065
l. Total admissions.	86
m. Personnel admitted to NRMC Guam.	134
n. Personnel donated blood to NRMC Guam.	55
to Guam Memorial Hospital.	8
o. NavMed U's Filed.	4
p. Pesticide used for cockroach control (gallons)	100

8. Dental

a. Operative and crown and bridge	7392
b. Prosthodontics	170
c. Oral surgery	685
d. Periodontics and oral hygiene	13397
e. Radiodontics	3209
f. Examinations and other treatments	3720
g. Total sittings	7132
h. Total procedures	28573

i. Conversion to Ceramco (porcelain fused to metal) capability in Prosthetic laboratory was accomplished.