



Rec'd 9/16/92

DEPARTMENT OF THE NAVY

USS FRANK CABLE (AS 40)

FPO AA 34086-2815

5757

Ser 11/1286

09 SEP 1992

From: Commanding Officer, USS FRANK CABLE (AS 40)
To: Director of Naval History (OP-09BH), Washington Navy Yard,
Washington, DC 20374-0571

Subj: COMMAND HISTORY FOR 1991

Ref: (a) CNO ltr 5757 Ser 09BH/SH/2U506786 of 6 Jul 92
(b) OPNAVINST 5750.12B

Encl: (1) FY91 Battle Efficiency "E" Competition AS (Attack)
Category
(2) Underway Evolutions for FY91

1. Enclosure (1) is forwarded for command history purposes as requested by references (a) and (b).

E. L. OSER
E. L. OSER

Copy to:
CNO (OP-09BH) w/o encl

3590
Ser 00/

From: Commander, Submarine Squadron 4
To: Commander Submarine Force, U. S. Atlantic Fleet
Subj: FY 91 BATTLE EFFICIENCY 'E' COMPETITION AS (ATTACK)
CATEGORY

Ref: (a) COMSUBLANTINST 3590.3Y

Encl: (1) Justification for the overall Battle 'E' Award
(2) Justification for the Engineering 'E' Award
(3) Justification for the Communications 'C' Award
(4) Justification for the Damage Control 'DC' Award
(5) Justification for the Supply 'E' Award
(6) Justification for the Repair 'R' Award
(7) Justification for the Weapons 'W' Award
(8) Justification for the Deck Seamanship 'D' Award
(9) Justification for the Medical 'M' Award
(10) Justification for the Dental 'D' Award

1. Per reference (a), I nominate USS FRANK CABLE (AS 40) for the award of the Battle Efficiency 'E' overall excellence because of her outstanding performance during Fiscal Year 1991. Enclosure (1) provides ample justification and I highly recommend FRANK CABLE's selection.

2. I also nominate FRANK CABLE for the following departmental/mission area awards: (Enclosures (2) through (10) provides justification).

Engineering 'E'	Weapons 'W'
Communications 'C'	Deck Seamanship 'D'
Damage Control 'DC'	Medical 'M'
Supply 'E'	Dental 'D'
Repair 'R'	

3. The following individuals were responsible for the nominated award:

<u>AWARD</u>	<u>RESPONSIBLE INDIVIDUAL</u>
BATTLE 'E'	(D) CAPT R. P. VIDOSIC (CO) (R) CAPT E. L. OSER (CO) (D) CDR W. S. STUART (XO) (R) CDR W. E. WRIGHT (XO) TMCM M. J. CLIFFORD (CMC)
WEAPONS BLACK 'W'	LCDR [REDACTED] [REDACTED] [REDACTED] (WEPS)

Subj: FY 91 BATTLE EFFICIENCY 'E' COMPETITION AS (ATTACK)
CATEGORY

AWARD

RESPONSIBLE INDIVIDUAL

COMMUNICATIONS GREEN 'C'

LTJG [REDACTED] (COMM)

DENTAL YELLOW 'D'

(D) CDR [REDACTED] (DENT)
(R) CDR [REDACTED] (DENT)

ENGINEERING RED 'E'

(D) LCDR [REDACTED] (CHENG)
(R) LCDR [REDACTED] (CHENG)

DECK WHITE 'D'

LT [REDACTED] (DECK)

SUPPLY BLUE 'E'

CDR [REDACTED] (SUP)

DAMAGE CONTROL RED 'DC'

(D) CWO2 [REDACTED] (DCA)
(R) LT [REDACTED] (DCA)

MEDICAL YELLOW 'M'

(D) LT [REDACTED] (DOC)
(R) LCDR [REDACTED] (DOC)

REPAIR RED 'R'

(D) CDR [REDACTED] (REPAIR)
(R) CDR [REDACTED] (REPAIR)

4. USS FRANK CABLE's performance in every mission area has been outstanding and her representation of the Submarine Force has been superb in every endeavor during Fiscal Year 1991.

D. A. NAPIOR

Copy to:
COMSUBGRU 6

USS FRANK CABLE (AS-40) BATTLE EFFICIENCY 'E'
*****BEST ATTACK SUBMARINE TENDER IN THE FLEET*****

USS FRANK CABLE (AS-40) is the heaviest loaded and best performing attack submarine tender in the Atlantic Fleet. It has maintained the highest state of readiness and completed every commitment on or before schedule. Highlights of FRANK CABLE's superb performance include but are not limited to:

- Presented 88 medals and 885 Letters of Commendation to the crew in recognition of their sustained superior performance.
- Received numerous accolades for repeated OUTSTANDING results on all inspections, operational readiness, and repair work.
- Conducted port visits hosting over 8,000 personnel. Served formal dinners for local dignitaries enforcing a positive Navy image and increasing public awareness of the U. S. Navy.
- Recognized on every inspection and by every visitor as the cleanest and best preserved ship in the Submarine Force.
- The Career Information Team performed superbly improving the Professional Development Program, Advancement Program, and career planning. 100% of all eligible non-designated personnel were advanced on time and overall advancement to E-5 and above increased by 19%. Retention remains above the fleet average.
- Successfully demonstrated a significant capability during Exercise Swamp Fox 1991 by assuming OPCON and BCA of four submarines and a surface unit, proving this responsibility can be controlled from underway, deployed tenders.
- Accomplished a complete renovation of all mess deck spaces, improving crew morale, maintenance, and sanitation.
- Achieved semifinalist recognition during the 1991 NEY competition.
- Completed 47 availabilities on 27 submarines and 4 surface ships involving over 7,000 individual jobs and the expenditure of more than 550,000 man-hours. Every availability was completed on or ahead of schedule.
- Safely handled over 560,000 pounds of net explosive weight consisting of over 578 MK 48 and ADCAP Torpedoes, 29 HARPOON, 39 TOMAHAWK, 673 Pyrotechnics, and 31,667 rounds of ammunition.
- Completed first ever, highly successful Service Weapons Test utilizing AS-40 as the target support ship.
- Conducted over 8,000 incident free crane lifts involving over 300 tactical weapons and the replacement of two submarine screws.
- Completed NAFACENCOM and NAVSSES Annual Crane Certification Inspections, receiving grades of 'OUTSTANDING.'
- Provided over 8,000 patient care visits, 10,000 laboratory tests, 2,000 X-rays, 4,000 pharmacy units, and 900 audiograms.
- Increased dental readiness to tended units by 40%. Maintained an average dental readiness of 95% for all deploying units.

Enclosure (1)

USS FRANK CABLE (AS-40) ENGINEERING RED 'E'

The Engineering Department is extremely capable and confident; superbly organized and managed; and demonstrated outstanding material and operational readiness. As a result, the ship met every operational commitment on time, fully ready. The following are examples of the Engineer's capabilities and accomplishments:

- Deployed to the Caribbean in support of Operation Swamp Fox 1991. While deployed, tended all COMSUBRON FOUR assigned units providing shore power, pure water, chill water, and CHT and oily water removal.
- Completed POT and I and 18 month inspections on both propulsion boilers. This was totally accomplished within a two week period and was completed to support operational testing prior to an underway period.
- Installed EDTA/hydrazine continuous feed water/boiler water injection system. Also converted boiler sample coolers from salt water to chill water.
- Completed repairs to three main switchboard bus tie circuit breakers that had been evaluated by NAVSSES as depot level maintenance.
- Conducted 375 safe boat runs to support liberty and supply services during Swamp Fox 1991.
- Maintained two five ton traveling cranes and one 30 ton boat and repair crane in top mechanical and electrical condition supporting over 10,000 lifts.
- Provided tended units with diesel engine, governor, injector, and transmission overhauls. Completed the repair and overhaul of several small boat engines and rewired several boats.
- Conducted extensive repairs and safety upgrades to the ship's elevators and conveyors.
- Completed the following major work in addition to resolving over 15,000 ship board generated trouble calls.
 - (1) Completed renovation of the Enlisted Dinning Facility.
 - (2) Completed rewiring of the ship's Personnel and Admin Offices.
 - (3) Completed rewiring of Submarine Squadron FOUR Admin Office.
 - (4) Completed renovation of ship's Disbursing Office.
 - (5) Restored Fireroom and Engineerroom Oily Water Separator Systems to operational status.
 - (6) Maintained the ship's Laundry and Dry Cleaning facilities.

Enclosure (2)

USS FRANK CABLE (AS-40) COMMUNICATIONS GREEN 'C'

USS FRANK CABLE (AS-40) provided superb communications support for the embarked staff of Submarine Squadron FOUR, ten assigned SSN's, two ASR's, one TWR, and two SSBN's not normally assigned to Submarine Squadron FOUR. An average of 9,600 incoming and 1,500 outgoing messages were processed per month using the Standard Remote Terminal (SRT). Specific accomplishments include:

- Successfully demonstrated a significant capability during Exercise Swamp Fox 1991 by assuming Operational Control (OPCON) and Broadcast Control Authority (BCA) of four submarines and a surface unit, proving that submarine OPCON and BCA can be controlled from underway, deployed tenders. This included transmitting a 100 word per minute High Frequency TSEC/KW-46 submarine broadcast and loading SSIKS to five subscribers for a ten day period in January 1991 while maintaining ten tactical communications circuits.
- Participated in three Strategic Communication System tests. In January 1991, USS FRANK CABLE was designated by USCINCLANT as the "Best Reception Platform" for an HF MCN Exercise in conjunction with Strategic Connectivity Performance Test on 24 July 1990.
- Assumed Net Control Authority and flawlessly managed the SUBLANT Satellite Low Data Rate (LDR) circuit from July to September 1991.
- Completed installation and certification of the Remote ISABPS Terminal (RIT) with no interruptions in the communications support to Submarine Squadron FOUR and tended units just three days prior to the tenders departure for Exercise SWAMP FOX 1991.
- Successfully prepared for and passed an INSURV without any communications interruptions or service to Submarine Squadron FOUR and tended units.
- Received EXCELLENT grades with ZERO deficiencies in TOP SECRET Control and the Sealed Authentication System (SAS) Account during a Defense Nuclear Surety Inspection (DNSI) and NTPI.

Enclosure (3)

USS FRANK CABLE (AS-40) DAMAGE CONTROL RED 'DC'

- During the Defense Nuclear Safety Inspection, Damage Control Division received no discrepancies.
- During the Nuclear Test Proficiency Inspection, Damage Control Division received no significant discrepancies.
- During INSURV, Damage Control Division was noted as being exceptionally ready and well prepared.
- Trained in excess of 420 personnel for fire parties and repair lockers.
- Received a grade of Satisfactory for RCPE with no significant discrepancies.
- Replaced in excess of 150' of CHT piping resolving a long outstanding problem with the CHT discharge header.
- Replaced in excess of 100' of auxiliary sea water cooling piping in the fireroom and engineroom.
- Conducted a complete hydroblast of approximately 50% of the system helping to alleviate system blockings.
- Revamped the DCTT Team instituting formal training and qualification process to form an exceptionally qualified DCTT Team.
- Increased the overall damage control readiness of the ship by upgrading all of the lockers and DC equipment to the extent that DC equipment received no equipment deficiencies and no significant deficiencies during the recently completed INSURV.

USS FRANK CABLE (AS-40) SUPPLY BLUE 'E'

The Supply Department provided outstanding supply support to USS FRANK CABLE, the supported units of Submarine Squadron FOUR, SUBLANT visiting units, and SURFLANT ships assigned to Charleston. It's can-do attitude and innovative solutions to complex problems has earned this department an outstanding reputation.

- Fed over 14,000 rations to various submarines and surface ships in the Charleston area while these ships were completing galley repairs. Included were SSNs, SSBNs, CGs, and FFGs.
- Achieved semifinalist recognition during the 1991 NEY Memorial Award competition.
- Accomplished a complete renovation of all mess deck spaces. In addition to improving crew morale, the innovative modern design is considered unequalled for maintenance and sanitation. Except for 14 days, the Crew's Mess maintained full service capabilities throughout this four month project.
- Completely redesigned the ship's disbursing operation including space modifications, procedural changes, and establishment of a Satellite Disbursing Office uniquely designed for submarine support. These changes have significantly improved service and pay accuracy for over 3,400 Submarine Squadron FOUR personnel.
- Maintained 100% automation for USS FRANK CABLE pay accounts. DDS participation for supported units of Submarine Squadron FOUR has steadily increased to its present highest level of 72%.
- Provided laundry support to various surface ships in the Charleston area when requested.
- Consolidated and reassigned functions in the SUBSAT, ROVSS, and Stock Control Divisions to improve customer support, eliminate duplication of effort, and conserve scarce personnel assets.
- Successfully completed hardware installation and implementation of Software Release 3.0 for SUADPS and ADMIN. The FRANK CABLE was well prepared for the installation. All SUADPs listings were cleared and the material condition of the ADP equipment was rated as outstanding. The NAVMASSO implementation team stated that installation was completed in half the time allotted due to FRANK CABLE's attention to detail and planning.
- Successfully implemented the Integrated Bar Code System. The implementation team stated that USS FRANK CABLE was the most successful implementation.
- Off-loaded approximately 11,000 line items and consolidated over 5,000 additional line items. USS FRANK CABLE storerooms are considered unequalled.
- Received commendatory comments from the Inspection and Survey Board during the 1991 INSURV Inspection for outstanding stowage practices and material condition of the storerooms.

US: RANK CABLE (AS-40) REPAIR 2D 'R'

- The Repair Department maintained all tended units of Submarine Squadron FOUR in a SUPERB state of material readiness, completing 47 availabilities on 27 submarine and 4 surface ships involving over 7,000 individual jobs and the expenditure of more than 550,000 man-hours. Every availability was completed on or ahead of schedule.
- Completed a highly successful INSURV. The Commanding Officer of the Board of Inspection and Survey Atlantic, remarked that FRANK CABLE's IMA is 'Excellent' and is the 'FINEST in the Fleet.'
- Successfully completed SWAMP FOX 1991 in Puerto Rico and Saint Thomas, Virgin Islands. The Repair Department conducted repairs on 13 submarines/surface ships, which included vessels from: Denmark, Norway, Canada, U.S. Coast Guard, and a U.S. reserve ship. Completed over 144 jobs and expended over 4,514 man-hours. Conducted post Hugo repairs to Naval Base and Port Services, Puerto Rico.
- Pioneered the first R-114 SHIPALT at this site, developing a prototype for other IMA's to follow. The INSURV Board noted FRANK CABLE's Development and implementation of a highly skilled and successful asbestos control and rip-out team resulting in a great savings of tax dollars through the completion of over 30 asbestos removal jobs which were previously assigned solely to shipyard personnel.
- Successfully completed major repairs to 31 periscopes. Calibrated over 1800 gages/meters. Increased the capability to repair and calibrate dynamometers up to 20,000 lbs.
- Total of Nuclear jobs completed - 68. Completed 80 Nuclear Ship Alterations on AS-40 and tended units. Replaced RA-68 on SSN-669, PS-6 on SSN-660, two Primary Relief Valves on SSN-669, and three contaminated valves (AS 40). MFG/certified 12 Rx Plant test rigs for AS-40 and submarines. Performed seven solidifications of liquid radioactive waste and eight hookups of submarines to off-hull effluent collection facilities. Poured/maintained four Freeze Seals for maintenance of tended submarines. Inspected 188 Rx Plant Pressurizer heaterwells on SSN-660. Repaired two contaminated pumps on AS-40. Replaced carbon steel steam generator piping on SSN-669.
- Planning and Estimating wrote 350 Controlled Work Packages. QA screened 557 Controlled, Sub Safe, and Nuc Work Packages. QA completed the following number of work packages: 494 Controlled, 148 SUBSAFE, and 68 NUCLEAR.
- Conducted major repairs on submarine shaft seals or boots, emergency diesel generators, lower weapons shipping hatches, many subsafe hull valves, two valves, overhauled various ASW pumps, steam strainers, A/C units, electrical motors, controllers, and replaced three waterborne dunce cap vortex dissipators.
- Implemented the only capable SSN AN/WLQ-4 IMA, reducing repairs requiring depot level accomplishment. Established a comprehensive repair service for IBM compatible computers. Expanded calibration capabilities with the receipt of a capacitance calibration standard. Repaired eight OJ-172 fire control multi-level input devices; routinely a depot level repair. Modified 11 UGC-136CX teletypes. Replaced 377 hydrophone/transducers, 12 electronic hull fittings (EHF) and 33 cables in the BQQ-5 system. Installed 5 EHF's to support OE-315 installations and retrieved or deployed five towed arrays on foreign units.

Enclosure (6)

USS FRANK CABLE (AS-40) WEAPONS BLACK 'W'

The Weapons Repair Department maintained the units of Submarine Squadron FOUR in the highest state of readiness completing all commitments on or ahead of schedule. The department also provided tactical weapons handling support for visiting units from Submarine Squadrons SIX, TEN, and EIGHTEEN. Specific accomplishments include:

- Safely handled over 560,000 pounds of net explosive weight consisting of over 578 MK 48 and ADCAP Torpedoes, 29 HARPOON, 39 TOMAHAWK, 673 Pyrotechnics, and 31,667 rounds of ammunition. The Weapons Repair Department has safely handled ordnance for more than eight years without an incident or accident.
- Completed Operation SWAMP FOX 91. Tended submarines at a forward deployed site. Transported 50 MK 48 Exercise Torpedoes resulting in a significant cost savings to the government. Delivered CSA's and ancillary equipment to AUTEC in support of SSBN operations.
- Completed a Tactical Weapons Capability Review (TWCN). An Explosive Safety Review and Magazine Sprinkler Inspection was conducted in conjunction with the TWCN. A grade of Above Average was assigned to each inspection.
- Conducted daytime gunnery exercises and small arms training qualifications for over 800 personnel during underway periods firing over 21,000 rounds of ammunition. Shipboard security engagement tactics and security lectures were conducted for all security force personnel.
- Defense Nuclear Agency Inspection Directorate awarded FRANK CABLE a "Certificate of Achievement" for "clearly demonstrated superior professionalism while performing its nuclear-capable mission." AS-40 is only the second inspected facility to receive this certificate.
- Completed certification for Limited Life Component Exchange for the TOMAHAWK Cruise Missile.
- Completed Vertical Launch System training for the TOMAHAWK Cruise Missile.
- Tactical and logistic support was provided to Submarine Squadron FOUR units for three Navy Technical Proficiency Inspections and six Tactical Readiness Evaluations.
- Provided exercise torpedo handling services to three units in Port Canaveral, Florida.

Enclosure (7)

USS FRANK CABLE (AS-40) DECK SEAMAN SHIP WHITE 'D'

Deck Department has conducted a myriad of hazardous operations without accident or personnel injury. This flawless record of safety is a direct result of an extremely rigorous ongoing training program. Specific accomplishments include:

- Completed first ever, highly successful Service Weapons Test utilizing AS 40 as the target support ship. This effort was key to the successful development of a new submarine tender capability.
- Completed a highly successful Swamp Fox 1991. Deck Department performed 375 boat runs and safely transferred 7,735 personnel. Developed, implemented, and executed a standard operating procedure for mooring submarines along side without tug services.
- Managed a highly successful transition of crane maintenance personnel from Engineering to the Deck Department. Transferred the manufacturing of all Submarine Squadron FOUR wire rope products to the Deck Department. This has provided increased productivity and a totally balanced division of Crane Technicians and wire rope manufacturing experts.
- Provided lifeboat, line handling, and rigging services for over 300 arriving and departing units.
- Completely removed, preserved, and reinstalled all P.R.C. deck coverings on all exterior decks including the Flight Deck, approximately 60,000 square feet. The Deck Department received an 'Excellent' for preservation during a recent INSURV Inspection.
- Performed over 500 small boat runs for USS FRANK CABLE and tended units of Submarine Squadron FOUR. Services included: Towed array retrieval/deployment; waterborne transfer of over 200 MK 48 torpedoes, small arms ammunition, and over 50 Harpoon Missiles; the placement of separators in support of units' arrivals/departures, reenlistments, and water taxi services.
- Provided crane and rigging services for ten hook-ups of the portable effluent tank on tended units.
- Conducted over 8,000 crane lifts involving over 300 tactical weapons and the replacement of two submarine screws. All lifts were completed without incident or injury.
- Developed and implemented a completely computerized and totally automated qualification tracking program for the crane crews.
- Completed 80 controlled work packages, 50 rigging jobs, and manufactured over 30 mooring lines for tended units.
- Completed major hull renovation of the Submarine Group SIX Barge, USS FRANK CABLE CO's Gig, two 50 foot utility boats, and two forty foot utility boats. All were completed at considerable cost savings to the government.
- Preserved and painted over 180,000 square feet of hull surface on USS FRANK CABLE.
- Completed NAFACENCOM and NAVSSES Annual Crane Certification Inspections, receiving a grade of 'outstanding' for each inspection.
- Systematically removed all 56 life rafts. Completely preserved and painted all storage brackets and overhauled or replaced all associated equipment.

USS FRANK CABLE (AS-40) MEDICAL YELLOW 'M'

The Medical Department of the USS FRANK CABLE (AS-40) provided 'Outstanding' health care to the submarines and surface ships assigned to Submarine Squadron FOUR. This department handles over 95% of all health care and services required by Submarine Squadron FOUR service members. Specific accomplishments include:

- Provided over 8,000 patient care visits, 10,00 laboratory tests, 2,000 X-rays, 4,000 pharmacy units, and 900 audiograms.
- Assessment of medical care by hospital consultants was evaluated as outstanding.
- Accomplished three medical evacuations, all without complications.
- Provided complete initial OB care and follow-up of all acute problems until transfer at twenty weeks. The USS FRANK CABLE Medical Department also provides counselling services and a dietary program.
- Continued to improve mass casualty training and training for the Code Blue Response Teams.

USS FRANK CABLE
AS-40
SUBMARINE SQUADRON FOUR
PACIFIC SUBMARINE FORCE
PACIFIC FLEET
NAVY
PERMITS

Enclosure (9)

USS FRANK CABLE (AS-40) DENTAL YELLOW 'D'

The USS FRANK CABLE (AS-40) Dental Department is currently responsible for providing comprehensive dental treatment to over 1,300 crew members as well as the embarked staff and units assigned to Submarine Squadron FOUR (approximately 3,200 total personnel). Significant accomplishments include:

- Completed over 18,500 examinations and treatments. This attests to the effectiveness of the Dental Department's recall system.
- Increased clinical procedures by 25%.
- Increased dental readiness to tended units by 40%. Maintained an average dental readiness of 95% for all deploying units.
- Received an outstanding grade in all areas reviewed during the COMSUBLANT Dental Readiness Inspection.
- Sponsored and organized an all day professional continuing education program to enhance the professional development of the fleet and shore dental officers.
- Conducted comprehensive dental emergency training for Submarine Squadron FOUR independent duty Corpsmen. Prior to deployments, Corpsmen are supplied with a dental emergency syllabus and a computer program to assist in diagnosis of dental pain.
- Trained two non-designated strikers. One individual finished first in the Dental Technician 'A' School class and was meritoriously advanced to petty officer third class.
- Qualified all Dental Department personnel in basic and advanced damage control. These personnel are first aid members of the R&A Detail. Three Dental Technicians qualified Enlisted Surface Warfare Specialist (ESWS).
- Maintained a Quality Assurance/Risk Management Program that is second to none, continuously striving to deliver quality care under optimal conditions to all beneficiaries.
- Enhanced the positive image of Navy Dentistry by presenting table clinics to the Charleston Dental Society.
- Provided the following collateral duty assignments: Voting Officer, Savings Bond Officer, Command Competition Advocate, Tax Officer, Navy Relief Coordinator, CFC Coordinator, Command Retention Team Member, Command Training Team Member, Instructor for Career Information Team, Assistant PRT Coordinator, Professional Development Board Member, and Instructors for CPO and PO Indoctrination.

Enclosure (10)

UNDERWAY EVOLUTIONS FOR FY 1991

PERIOD	EXERCISE/LOCATION
11 Jan - 11 Feb	SWAMPFOX 1-91
21 Jan - 31 Jan	Roosevelt Roads, PR
01 Feb - 06 Feb	St Thomas, VI
03 Jun - 17 Jun	ISE New York, NY, (participated in Fleet Week celebrations)
03 Sep - 19 Sep	ISE Annapolis, MD (midshipmen ops)