



DEPARTMENT OF THE NAVY
USS BUNKER HILL (CG 52) ✓
FLEET POST OFFICE
SAN FRANCISCO, CA 96661-1172

IN REPLY REFER TO:
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From: Commanding Officer, USS BUNKER HILL (CG 52)
To: Director of Naval History (OP-09BH), Washington Navy Yard,
Washington, D.C. 20374-0571

Subj: COMMAND HISTORY (OPNAV 5750-1)

Ref: (a) OPNAVINST 5750.12D

Encl: (1) BUNKER HILL (CG 52) Progress Reports Number One
through Eleven
(2) Biography/Photograph of Commanding Officer
(3) USS BUNKER HILL (CG 52) Fact Sheet and Ship's
Characteristics
(4) USS BUNKER HILL (CG 52) Organization Chart
(5) EDVR for USS BUNKER HILL (CG 52)
(6) Embarked aircraft statistics
(7) Photograph of USS BUNKER HILL (CG 52) - (CO file)
(8) Commissioning Brochure
(9) Welcome Aboard Pamphlet—
(10) First edition of ship's familygram, "The Sword"
(11) Crew orientation booklet, "Reef Points" - (CO file)

1. The attached calendar year 1986 command history of USS BUNKER HILL (CG 52), a newly commissioned AEGIS cruiser, is forwarded in compliance with reference (a). As BUNKER HILL was officially commissioned on 8 September 1986, the chronology and narrative begin on that date. However, enclosure (1) provides a detailed account of all precommissioning activities which occurred from the formation of the Precommissioning Unit and Detachment in 1985 until official commissioning in 1986. Enclosures (2) through (11) provide additional background data on the command and its personnel.

2. Inquiries regarding this history should be addressed to the ship's point of contact, LT [REDACTED], USN, Public Affairs Officer.


P. M. QUAST

PART I

Command Composition and Organization

1. Characteristics. USS BUNKER HILL is an AEGIS Guided Missile Cruiser of the TICONDEROGA class. However, it is the first ship of the class equipped with the MK 41 Vertical Launching System (VLS) for missiles (Standard Missile 2 Block II, Tomahawk Cruise Missile) which sets it apart from predecessors delivered with the MK 26 Guided Missile Launching System. BUNKER HILL is the first combatant designed from the keel up to carry the Tomahawk Cruise missile. Sixteen hundred of twenty three hundred class design drawings were re-engineered to accommodate these changes in BUNKER HILL. Enclosures (3), (8) and (9) provide more specifics on the ship's design and characteristics.

2. Missions. BUNKER HILL's mission areas include:

- Anti-Air Warfare (AAW)
- Anti-Submarine Warfare (ASW)
- Anti-Surface Warfare (ASUW)
- Strike Warfare (STW) (Tomahawk)
- Electronic Warfare (ELW)
- Command, Control and Communications (CCC)
- Mobility (MOB)
- Naval Gunfire Support (AMW)

3. Organization. Upon official commissioning 8 September 1986, BUNKER HILL came under the administrative control of the Commander, Naval Surface Force, U.S. Pacific Fleet and the operational control of Commander, Naval Surface Force, U.S. Atlantic Fleet. On 22 October 1986, during transit to Pacific waters, the ship switched operational control to Commander, Third Fleet. Upon arrival at BUNKER HILL's permanent homeport of San Diego, California, operational and administrative control shifted to Commander, Naval Surface Force, U.S. Pacific Fleet throughout the remainder of calendar year 1986. Captain Philip M. Quast, USN, 393-34-6965/1110, lineal number 001793-30 assumed command of BUNKER HILL on 8 September 1986 and retains command at this time.

4. Subordinate Commands. Helicopter Anti-Submarine Squadron Light 45, Detachment One was permanently assigned to USS BUNKER HILL upon commissioning. The detachment's parent squadron is based at Naval Air Station North Island California. The detachment's Officer in Charge is LCDR Larry E. Larson, USN. One aircraft, an SH-60B LAMPS MK III helo, "Lonewolf 40", Bureau Number 162134, was assigned with the detachment through the end of 1986. Further information on aircraft statistics can be found in enclosure (6).

5. Summary. BUNKER HILL is the Navy's most capable warship afloat. It plays a defensive role by providing protection for an ENTIRE Carrier-Battle Group or Surface Action Group against the Soviet air, surface and subsurface threat. Its offensive strike capability is impressively demonstrated by its ability to strike targets at sea and ashore with all three variants of the Tomahawk cruise missile. Four LM2500 gas turbine engines propel the ship at speeds in excess of 30 knots. The state-of-the-art AEGIS combat system provides the ULTIMATE in target detection, acquisition, targeting, and engagement. The AN/SPY-1A phased array radar can track over 200 surface and air targets simultaneously at ranges over 200 nautical miles with FIRE CONTROL ACCURACY. All these contacts are channeled through UYK-7 computers to the AEGIS Display System (ADS), comprised of four large screen automated displays that allow the Commanding Officer and embarked Commander to quickly and easily assess the state of the battle and make timely, accurate command and control decisions. Using "if-then" computer program logic, doctrine statements can be built into the AEGIS system allowing it to be operated in full automatic in times of saturation or other dense threat environments. Thus, targets can be detected, tracked, identified, evaluated, and engaged automatically without human intervention. The system can also be operated in semi-automatic or normal modes, giving greater operator control in less tactically demanding situations, or a mixture of all three modes may be employed. As the first AEGIS Tomahawk shooter, BUNKER HILL also plays a major role in power projection ashore. This sophisticated cruise missile uses techniques such as terrain contour matching with onboard computerized "maps" to guide itself to land targets. BUNKER HILL is also a highly capable anti-submarine warfare platform utilizing the impressive Light Airborne Multi-Purpose System (LAMPS) MK III SH-60B with its two-way voice and information data link, and the ship's hull mounted SQS-53A sonar with automated Passive Target Motion Analysis (PTMA).

PART II

CHRONOLOGY CY-86

<u>DATES</u>	<u>EVENT</u>	<u>NARRATIVE NOTE #</u>
01 Jan-06 Sep	Precommissioning Training and Outfitting	1
11 Mar-12 Mar	BUNKER HILL underway in the Gulf of Mexico for Shipbuilder's Trial ALPHA (testing of ship's main propulsion plant). See enclosure (1) for details	
14 May-22 May	BUNKER HILL inport Pascagoula and underway in the Gulf of Mexico for Shipbuilder's Trial BRAVO (testing of the ship's combat system). See enclosure (1) for details.	
07 Jun-13 Jun	BUNKER HILL inport Pascagoula and underway in the Gulf of Mexico for Navy Acceptance Trials, Trial CHARLIE. The Board of Inspection and Survey, Pacific conducted the trial. See enclosure (1) for details.	
07 Sep	HSL 45 Det One (SH-60B helo) embarks	2
08 Sep	BUNKER HILL (CG 52) commissioned without ceremony at Ingalls Shipbuilding, Pascagoula, MS	3
09 Sep-14 Sep	Enroute Pascagoula, MS to Boston, MA	
15 Sep	Arrive Boston, MA	
16 Sep-19 Sep	Commissioning ceremony preparations at Boston, MA	
20 Sep	USS BUNKER HILL (CG 52) Official Commissioning ceremony	4
21 Sep	Guest ship for Boston area residents	
22 Sep	Depart Boston, MA enroute Newport, RI	
23 Sep	Port visit Naval Station, Newport, RI Naval War College VIP tours	

24 Sep	Depart Newport, RI enroute Norfolk, VA	
25 Sep	Port visit Naval Station, Norfolk, VA (overnight stop)	
26 Sep	Depart Norfolk, VA (am)/ Arrive Annapolis, MD (pm)	5
27 Sep-28 Sep	Ship anchored in Chesapeake Bay off Annapolis, MD	6
29 Sep	Depart Annapolis, MD enroute Fort Lauderdale, FL	
30 Sep	First Vertical Launching System Underway Replenishment with USS DETROIT	7
02 Oct-05 Oct	Port visit Fort Lauderdale, FL Docked at Port Everglades for crew R/R	
06 Oct	Depart Fort Lauderdale, FL enroute Pascagoula, MS	
06 Oct	Embarked U.S. Coast Guard Law Enforcement Detachment for drug interdiction operations	8
06 Oct-08 Oct	Gas Turbine Mobile Team Trainer Phase I conducted aboard	9
08 Oct-11 Oct	Docked at Ingalls Shipyard, Pascagoula, MS for upkeep	
12 Oct	Depart Pascagoula, MS enroute Grand Cayman Islands	
14 Oct-16 Oct	Port visit Grand Cayman Island for crew R/R. Anchored south of the island	
17 Oct	Departed anchorage Grand Cayman Island enroute Rodman, Panama	
19 Oct	Transited the Panama Canal from Atlantic to Pacific Oceans	
19 Oct	1800 hours - Brief stop for fuel at Naval Station Rodman, Panama	
19 Oct	Debarked Key West Coast Guard Law Enforcement Detachment	

20 Oct	Embarked U.S. Coast Guard Law Enforcement Detachment San Diego at Rodman, Panama for drug interdiction operations	10
22 Oct	BUNKER HILL left the operational control of Commander, Naval Surface Force, U.S. Atlantic Fleet and chopped to Commander, Third Fleet	
27 Oct	Arrived at homeport, San Diego, CA Moored at Naval Air Station, North Island. Operational control shifted to Commander, Naval Surface Force, U.S. Pacific Fleet	
27 Oct	HSL 45 Det One's helo, "Lonewolf 40" flew off for shore basing at parent squadron, NAS North Island, CA	
27 Oct	U.S. Coast Guard Law Enforcement Detachment San Diego debarked	
28 Oct-02 Nov	Upkeep, maintenance and inport training at San Diego, CA	
03 Nov	Departed San Diego, CA for operations in the Southern California operating areas	
03 Nov-06 Nov	Gas Turbine Mobile Training Team Phase II conducted aboard	11
06 Nov	(pm) Arrived at Naval Weapons Station, Seal Beach, CA for ammo onload (5"/SM2-Block II/Torpedos)	
08 Nov	(am) Departed Seal Beach, CA enroute San Diego, CA	
08 Nov	HSL 45 Det One's "Lonewolf 40" flew aboard to rejoin detachment	
08 Nov-09 Nov	Ship at anchor in Coronado Roads off San Diego, CA to conduct Refresher Training preparations	
10 Nov-14 Nov	Ship conducted first week of at sea Refresher Training with Fleet Training Group San Diego, CA in the Southern California operating areas	12
15 Nov-16 Nov	Ship moored at Naval Air Station, North Island, CA carrier piers as a host ship for the City of Coronado, CA Centennial Celebration	

17 Nov-21 Nov	Ship conducted second week of at sea Refresher Training including the Underway Replenishment Ship Qualification Trials in the Southern California operating areas	13
22 Nov-30 Nov	Upkeep, maintenance and training inport San Diego, CA	
01 Dec-05 Dec	At sea for Gas Turbine Mobile Team Trainer Phase III in the Southern California operating areas	14
06 Dec-09 Dec	Upkeep, maintenance and training inport San Diego, CA	
10 Dec-12 Dec	Gas Turbine Operational Propulsion Plant Examination conducted aboard	15
13 Dec-15 Dec	Upkeep, maintenance and training inport San Diego, CA	
16 Dec-18 Dec	Surface Warfare Training Availability inport San Diego, CA	16
19 Dec-31 Dec	Holiday leave and upkeep period inport San Diego, CA	

PART III

Narrative

1. The Precommissioning Unit BUNKER HILL (PCU) was established in August 1985 at the Ingalls Shipbuilding Division in Pascagoula, Mississippi. The primary missions of the precommissioning unit were to establish the administrative framework of the ship's organization, monitor the progress of ship construction, and train/familiarize the crew with BUNKER HILL. The Precommissioning Detachment BUNKER HILL (PCD) was established in March 1985 in San Diego, California at the 32nd Street Naval Station. Its primary focus was to serve as a training ground for newly reported personnel by funneling them through a myriad of required FTC and NTC schools. The precommissioning unit was disestablished upon commissioning; the precommissioning detachment was previously disestablished and transferred all its personnel to the precommissioning unit on 4 September 1986. Enclosure (1) provides more detail on the activities of both the precommissioning unit and detachment.

2. BUNKER HILL was one of the first AEGIS cruisers to bring its LAMPS MK III helicopter detachment aboard early in the ship's life to allow full integration into the ship's workup and training process. Detailed description of detachment organization and capabilities can be found in enclosures (6), (8) and (9), and in Part I of the basic document.

3. BUNKER HILL (CG 52) became an officially commissioned U.S. Navy ship on 8 September 1986. The traditional ceremony was postponed until arrival at Boston, Massachusetts on 20 September in order to capitalize on the recruiting and public relations benefits from the event, as well as the involvement of the original BUNKER HILL (CV 17) Association.

4. BUNKER HILL's commissioning ceremony took place at 1000 hours at the Old Navy Yard (piers four and five), Charlestown, Massachusetts. Over 10,000 military and civilian invited guests were in attendance including approximately 500 members of the USS BUNKER HILL (CV 17) Association (an organization of former crew members of the World War II aircraft carrier, BUNKER HILL). Senator Edward M. Kennedy (D-MA) was the principal speaker. Music was provided by the Northeast Navy Band and the Naval Academy Glee Club. Platform guests for the event included:

Captain George W. Dowell, USN
Supervisor of Shipbuilding, Conversion and Repair
Pascagoula, Mississippi

Captain Richard G. Anderson, USN
Supervisor of Shipbuilding, Conversion and Repair
Boston, Massachusetts

Mr. R. Gene Shelley
President Ratheon Company

Mr. Thomas G. Pownall
Chairman and Chief Executive Officer
Martin-Marietta Corporation

Mr. William V. Goodwin
RCA Division Vice President and General Manager

Mr. Jerry St. Pe'
President, Ingalls Shipbuilding Division

Mr. Fred O'Green
Chairman of the Board, Litton Industries

Rear Admiral Richard K. Chambers, USN
Commander, Naval Base Philadelphia

Rear Admiral John R. McNamara, CHC, USN
Chief of Chaplains

Rear Admiral John F. Shaw, USN
Program Manager, AEGIS Shipbuilding

Rear Admiral Admiral Wendell N. Johnson, USN
Director, Logistics Plans Division
Office of the Chief of Naval Operations

Vice Admiral George W. Davis, Jr., USN
Commander, Naval Surface Force, U.S. Pacific Fleet

Vice Admiral Joseph Metcalf, III, USN
Deputy Chief of Naval Operations
Surface Warfare

Vice Admiral James R. Hogg, USN
Director, Naval Warfare Division
Office of the Chief of Naval Operations

Vice Admiral William H. Rowden, USN
Commander, Naval Sea Systems Command

Honorable Walter T. Skallerup, Jr.
General Counsel to the Secretary of the Navy

Mrs. Paula Skallerup Osborn
Ship Matron of Honor

Mrs. Walter T. "Kitty" Skallerup
Ship Sponsor

The onboard ceremony was followed by a reception for invited guests at the World Trade Center, Boston. Further information concerning the commissioning ceremony, the historical impact of the event, and the names/pictures of all plankowners may be found in enclosure (8).

5. The mayor of Annapolis, Maryland, Mr. Dennis Callahan, was embarked for the subsequent transit and was provided tours and briefings on AEGIS. A film crew from WJZ-TV Baltimore also filmed a feature on BUNKER HILL for "Evening Magazine" during the trip. Additionally, 35 United States Naval Academy midshipmen embarked for the transit to Annapolis.

6. The primary reason for our port call to Annapolis was to provide an opportunity for the Surface Warfare officers and midshipmen of the Naval Academy to experience the navy's newest AEGIS cruiser first hand. Special tours were organized throughout the weekend for this purpose.

7. BUNKER HILL conducted an at sea rearming exercise with USS DETROIT to demonstrate the capability of a VLS equipped ship to receive the new VLS canister via connected replenishment. Several canisters were transferred between ships at forward, amidships and aft replenishment stations, then deck handled along the weatherdecks, and finally lowered into the Vertical Launching System utilizing the VLS self-erecting crane. Valuable lessons learned were accumulated and the groundwork was laid for more in-depth testing in the future. BUNKER HILL proved during this exercise that VLS canisters could be safely and effectively transferred at sea, a critical requirement during any extended wartime operation away from the normal Naval Weapon Station rearming facilities. The exercise was conducted in the Virginia Capes operating areas off Norfolk, Virginia and lasted approximately four hours.

8. The Coast Guard Law Enforcement Detachment, Key West group, embarked 5 October to conduct drug interdiction operations in support of the cooperative agreement between the Department of Defense and the U.S. Coast Guard. Utilizing the SH-60B helo and the ship's sophisticated radar system, suspect vessels were tracked during the transit through known illegal drug trafficking routes and several vessels were boarded by the Coast Guard detachment for inspection. Although no contraband was discovered during any of the boarding operations, mutually beneficial training was received by both ship's company and Coast Guard detachment. The Key West group debarked in Rodman, Panama to be replaced by the San Diego, California detachment for the remainder of the transit to homeport.

9. The Gas Turbine Mobile Team Trainer Phase I is the first of three levels of technical and training assistance provided the command leading to the Operational Propulsion Plant Examination, or OPPE, which qualifies the ship to operate the engineering plant safely at sea. Phase I concentrates on administrative programs within the Engineering Department.

10. As described in paragraph 8, the San Diego Coast Guard Law Enforcement detachment embarked to continue drug interdiction operations. Although numerous vessels were boarded, no contraband was recovered. The San Diego detachment debarked upon arrival at homeport.

11. As previously described, the second level of training assistance by the Gas Turbine Mobile Training Team was conducted during this at sea period. The primary focus during this phase was shipboard casualty control drills to ensure the ship was ready to respond to engineering plant casualties.

12. This Interim Refresher Training exercised, trained, and evaluated all aspects of the ship's preparedness to perform its mission at sea, with the primary emphasis on sound Damage Control procedures. The Refresher Training spanned a two week period with a break at midpoint (15-16 Nov); during this weekend the ship hosted visitors in conjunction with the Coronado Centennial. BUNKER HILL successfully completed all training requirements and received grades of Outstanding in most categories.

13. In addition to the training described in paragraph 12, during this second week of Refresher Training technical representatives from the Naval Ship Weapons Engineering Station at Port Hueneme, California came aboard to evaluate BUNKER HILL's capability to conduct replenishment at sea including refueling, reprovisioning, rearming and personnel transfer. All possible underway replenishment rigs were set up and tested. The ship was fully qualified to conduct underway replenishment as a result of this trial.

14. The final phase of the Gas Turbine Mobile Team Training simulated the actual Operational Propulsion Plant Examination which the ship would receive in December. All aspects of Engineering Plant operations were successfully tested and evaluated.

15. The Pacific Fleet Propulsion Examining Board was embarked to qualify the ship to safely operate the engineering plant. This examination was the culmination of all the prior training and preparation conducted during the Mobile Training Team visits. The OPPE was successfully completed by BUNKER HILL and qualification was received to operate in an unrestricted manner at sea.

16. This training availability was conducted onboard by ship's company personnel to allow those individuals working toward qualification as Enlisted Surface Warfare Specialists (ESWS) and Surface Warfare Officers (SWO) an opportunity to gain hands-on experience in such areas as deck seamanship, navigation, communications, CIC operations and food service. A large number of officers and crew members took advantage of the event to obtain PQS points and valuable training.

PART IV

Supporting Documents

1. Enclosures (1) through (11) comprise the supporting documents for the command history.