



DEPARTMENT OF THE NAVY
USS BUNKER HILL (CG 52)
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From: Commanding Officer, USS BUNKER HILL (CG 52)
To: Director, Naval History, Naval History Center, Washington Navy Yard

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Encl: (1) BUNKER HILL Narrative
(2) BUNKER HILL Command, Composition, and Organization
(3) BUNKER HILL Chronology
(4) BUNKER HILL Mission
(5) BUNKER HILL Chain-of-Command Diagram
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1. In accordance with reference (a), enclosures (1) through (6) submitted for inclusion in the Command History file.


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By direction

BUNKER HILL NARRATIVE 2000

The year 2000 was one of aggressive professional development and remarkable success for the BUNKER HILL. For the first time since making San Diego, California its homeport, she had the opportunity to demonstrate her powerful complement of men and weapons. The officers and crew continued BUNKER HILL's tradition of excellence and professionalism in every respect. In the face of many obstacles, BUNKER HILL performed flawlessly and earned the Abraham Lincoln Battle Group's Battle Efficiency Award, in addition to maintaining her reputation as the, "Sword of the Fleet."

The year began with comprehensive technological improvements. BUNKER HILL received the ship alteration Information Technology for the 21st Century (IT-21). The IT21 network installation offered vast new administrative as well as operational capabilities to the ship. In January, BUNKER HILL participated in Anti-Submarine Warfare Exercise (ASWEX) 2000 and successfully fired a Vertically Launched ASROC (VLA) as part of an operational test launch. BUNKER HILL next participated in Composite Task Unit Exercise (COMPTUEX). It was the first time the Abraham Lincoln Battle Group, composed of the USS ABRAHAM LINCOLN, USS SHILOH, USS PAUL HAMILTON, USS CROMMELIN, USS FLETCHER, and USS CAMDEN, worked together. The exercise focused on major unit level and basic and intermediate battle group level operations culminating in a final battle problem. During the exercise, BUNKER HILL was activated as several different warfare commanders, sometimes simultaneously. It was during this exercise that BUNKER HILL was called upon to assist in the rescue efforts of a downed Alaskan Airway jet that had crashed off of the coast of Los Angeles. Though her participation was minimal, the BUNKER HILL earned the Coast Guard Unit Commendation for her effort.

Upon returning to San Diego in March, the Combat Systems and Operations departments prepared for their first Combat Systems Readiness Assessment (CSRA) in nearly five years. Again, the crew displayed its superior ability by scoring over 95% on its readiness evaluation that spanned the first two weeks of March. Following CSRA, BUNKER HILL made its first port visit of the year to Los Angeles.

On 7 April, the BUNKER HILL said goodbye to Captain Denny and welcomed her new commanding officer, Captain Robert A. Butt. The new Captain introduced "Tropical Hours" introduced. Working until 1230 each day, with physical training on Tuesday and Thursday afternoons provided the crew a great opportunity to spend time with their families. A few short weeks later, the ship was

undergoing its most comprehensive inspection. The shipwide INSURV inspection provided extremely valuable information to every division on material condition and safety awareness.

As May approached, BUNKER HILL readied itself to display her operational capabilities once more. Following RIMPAC EAST '00, she departed for Hawaii with both Battlecats 21 and 24 SH-60B's embarked along with six pilots and the air detachment. While transiting west, BUNKER HILL received notification of a downed civilian pilot in the area. It was later determined that the pilot had fallen unconscious at the controls of his plane before drifting nearly two hundred fifty miles across the Pacific. Despite severe weather, Battlecat 21 launched in order to attempt a rescue at sea. This operation required the entire ship's company to work in conjunction in order to launch the helicopter, maintain communications, perform the actual rescue, provide medical attention in addition to continuing the normal operations of the ship. The rescue not only provided the BUNKER HILL the opportunity to once more showcase its ability to perform various missions including Search and Rescue (SAR), but it also demonstrated the Battlecats' ability to extend the ship's mission capabilities.

After a five day port visit in Pearl Harbor, Hawaii, the men of the BUNKER HILL prepared to continue the RIMPAC '00 exercise. As a comprehensive air, sea, and land exercise involving eight countries, the "Sword of the Fleet" used the operation as a means to display its awesome warfighting ability. While acting as the Surface Action Group (SAG) Commander, BUNKER HILL scored a direct hit on a hulk target with a Harpoon. In addition, the Vertical Swordsmen launched a Standard Missile 2 (SM2) at a vandal target and recorded a "skin on skin" hit. BUNKER HILL also fired an over-the-side MK46 torpedo at a MK30 target

In July, the crew entered into a Pre Overseas Movement (POM) period. Many of ship's company used this time to take leave and see their families before the approaching deployment. In August 2000, BUNKER HILL and her crew left San Diego for deployment to the Western Pacific, Indian Ocean, and the Arabian Gulf. After a brief stop in Pearl Harbor, HI, BUNKER HILL raced southwest to catch the TARAWA Amphibious Readiness Group (ARG). During the transit, the crew celebrated a crossing the line ceremony. Pollywogs became shellbacks while King Neptune sat on the high court as the ship sailed across the equator.

Soon after the ceremony, BUNKER HILL was welcomed by the TARAWA ARG as its Air Defense and Sea Combat Commander. The BUNKER HILL and the TARAWA ARG, which consisted of the USS TARAWA, USS ANCHORAGE, USS DULUTH, and the Marines of the 13th MEU (SOC), enjoyed a superb port visit to Darwin, Australia from 7 to 12 September after passing by the Solomon Islands. While in Darwin, BUNKER HILL sailors participated in several community relations projects, including repairs to a local aboriginal school and a home for troubled youths.

After leaving Darwin, BUNKER HILL traveled with the TARAWA Amphibious Readiness Group to nearby Dili, East Timor, in order to conduct humanitarian assistance operations in this new country. While supporting the ARG, BUNKER HILL also sent twenty sailors ashore to participate in community relief projects working alongside the marines and sailors of the TARAWA ARG. The BUNKER HILL team assisted in repairing an elementary school that had been damaged during the recent civil unrest.

On 17 September, shortly after leaving Dili, the USS BUNKER HILL received a call from the USS Abraham Lincoln Battle Group Commander to proceed at best speed to the Arabian Gulf. Despite canceled port visits to Singapore and Phuket, the crew was able to receive logistics support off of the coast of Singapore. Upon arriving in the Arabian Gulf, BUNKER HILL conducted a logistics port visit in Manama, Bahrain, home of the US FIFTH FLEET, and then immediately joined the Multinational Interception forces conducting boardings and inspections in support of United Nations sanctions against Iraq. The Visit Board Search and Seizure (VBSS) operations once again demonstrated the ship's multi-functional capabilities and demonstrated its ability to excel at any assigned mission.

After arriving in the Gulf, BUNKER HILL conducted extensive underway operations with a variety of missions. BUNKER HILL continued its Maritime Interdiction Operations (MIO) until called away in early October to monitor an Iraqi patrol boat operating illegally in the Arabian Gulf. BUNKER HILL later rejoined the MIO forces before having another port visit in Bahrain. Following the tragic bombing of the USS COLE on 10 October, BUNKER HILL emergency sortied from Manama, Bahrain, and again shifted the focus of its underway operations. BUNKER HILL provided Force Protection and logistics support for FIFTH FLEET assets. BUNKER HILL operated for a month in a Four Whiskey (4W) grid while conducting guardship operations with the USS RAVEN, USS CARDINAL, USS DEXTROUS,

and the USS ARDENT. On 27 October, BUNKER HILL completed a tremendously difficult UNREP as she simultaneously received fuel at the forward station, stores at the midships CONREP station, and additional stores on the flight deck via a VERTREP.

Following her time performing Force Protection, BUNKER HILL returned to the Northern Arabian Gulf to conduct more MIO. On 25 November, BUNKER HILL arrived at the FBI Evidence Barge to again provide force protection. This time it was for the evidence collection team that was investigating the remnants of the USS COLE. In addition to circling the barge during the FBI's working hours, a team from the BUNKER HILL also provided protection with small arms. Despite the intense operational schedule, BUNKER HILL sailors found the occasional opportunity to enjoy themselves. On 28 November, the crew enjoyed a beer day as a reward for its forty-five straight days without a port visit. Soon thereafter, BUNKER HILL was called back into action and rejoined the TARAWA ARG. Again, she provided force protection as well as giving small boat escorts to marine amphibious landing forces during simulated Non-Combatant Evacuation Operations (NEO) off of the coast of Kuwait.

Afterwards, the USS BUNKER HILL again performed numerous multinational interception operations before acting as Air Defense Commander for the battle group and the USS ABRAHAM LINCOLN's escort.

On 22 December, BUNKER HILL made a previously unscheduled port visit to Bahrain in order to replace an entire engine due to a failed turbine blade. Once more the crew responded in a remarkable fashion by completing the entire engine change out in merely four days, while still taking a few hours to celebrate Christmas.

As the year drew to a close, so did the BUNKER HILL's time in the Arabian Gulf. During the course of the deployment, BUNKER HILL's crew traveled 26,165 miles, burned 5,400,000 gallons of fuel, boarded 36 ships, flew 1,236 hours, ate 123,120 eggs, drank 95,760 sodas, and crossed the equator twice. On 29 December, she began making way towards her home once more. The officers and crew had proved on numerous occasions the tremendous capabilities of both the ship and the men who sail her. BUNKER HILL had been tasked with an incredible variety of missions, and she had each time demonstrated the professionalism, ability, and desire that characterizes her sailors.

COMMAND COMPOSITION AND ORGANIZATION

MISSIONS:

- | | | |
|--------------|------------------------------------|-------|
| o Primary: | Air Warfare | (AW) |
| | Undersea Warfare | (USW) |
| | Surface Warfare | (SUW) |
| | Strike Warfare | (STW) |
| | Command and Control | (C2W) |
| | Command, Control, & Communications | (CCC) |
| | Mobility | (MOB) |
| o Secondary: | Intelligence | (INT) |
| | Amphibious Warfare | (AMW) |
| | Mine Warfare | (MIW) |
| | Fleet Support Operations | (FSO) |
| | Non-Combat Operations | (NCO) |

ORGANIZATION:

USS BUNKER HILL is a TICONDEROGA-class, guided missile cruiser. She is the sixth ship to be equipped with the AEGIS AW system. As the first Baseline II cruiser, BUNKER HILL was the first equipped with the new Mk 41 Vertical Launching System (VLS) and the first to employ the Tomahawk Weapon System (TWS).

Throughout 2000, BUNKER HILL served in the administrative command of the Commander, Cruiser Destroyer Group THREE. The ship began the year by completing Combat Systems Readiness Review and COMPTUEX. BUNKER HILL additionally displayed its capabilities during RIMPAC 2000, and she completed the year as a deployed asset of the Abraham Lincoln Battle Group.

The ship was operationally assigned to:

- Commander, THIRD Fleet
- Commander, SEVENTH Fleet
- Commander, FIFTH Fleet
- Commander, Cruiser Destroyer Group THREE
- USS ABRAHAM LINCOLN Battle Group

SUBORDINATE ORGANIZATIONS:

DISCUSSION:

USS BUNKER HILL is one of the most capable combatants in the U. S. Naval arsenal, possessing some of the most advanced systems in the surface Navy. Accordingly, she is a keystone in the battlegroup's offensive and defensive capabilities. BUNKER HILL is fully capable of a broad array of missions, including:

- o providing broad area surveillance and battlespace management
- o area defense of a Navy, joint, or combined (allied) battleforce or multi-unit Surface Action Group (SAG)
- o strategic and tactical strike operations as a single unit or in command of missile and aircraft strike units
- o theater ballistic missile surveillance
- o sustained presence or combat operations in multi-threat, open ocean, or constrained littoral environments

The core of BUNKER HILL's tactical capability is the AEGIS Weapons System -- a state-of-the-art, computer-assisted, fully integrated weapons system that can provide real-time detection, identification, acquisition, tracking, targeting, and engagement of multiple contacts in a high density battlespace. The four components of the AEGIS Weapons System, the SPY-1A Radar, the Weapons Control System, the Command and Decision System, and the AEGIS Display System, are each supported by an AN/UYK-7 computer bank. Each component is integral to the AEGIS System. The processors are capable of automatically managing the immense data presented in a multi-warfare environment. They provide detailed displays of the tactical situation, identifying selected contacts, providing assessments of threat levels per contact, scheduling potential responses, and, if authorized by the command-level decision-maker, the automatic engagement of multiple air and surface contacts. All automated decisions are subject to rules, known as doctrine statements, which are embedded within the AEGIS system or created and activated by the ship's tactical decision-makers as needed.

While management of the air battlespace is highly automated, the ship's tactical actions in response to surface, undersea, or land attack tactical situations are automated and integrated into the overall system to the extent necessary for coherent information distribution. Undersea warfare is predominantly accomplished by the ship's AN/SQS-53A Sonar, MK-46 torpedoes (ship or helicopter launched), and the Light Airborne Multi-Purpose System Mk III (LAMPS III). Surface warfare is achieved through the Harpoon surface-to-surface cruise missiles, SM-2 missiles in surface mode, and by the Mark 45 5"/54 caliber Guns. Strike warfare is performed by

the Tomahawk Land Attack Missile (TLAM) system. The ship conducts Naval Surface Fire Support (NSFS) employing its 5"/54 caliber battery.

All warfare areas are highly integrated with the ship's command and control systems, including its electronic warfare capabilities. Consequently, any tactical action by the BUNKER HILL is likely to result in an integrated mix of ship's sensors and weapons, other ships' systems, and carrier-based or land-based tactical aircraft. BUNKER HILL is as much a command platform as it is a weapons platform.

An enhanced detection and engagement capability is provided by the embarked LAMPS Mk III, two SH-60B Seahawk helicopters. Multi-mission capable, these helicopters extend the ship's surface and undersea sensor ranges well beyond the horizon and can deliver two MK-46 torpedoes per sortie. They are used extensively for surface contact management and possess their own datalink for communications and sensor management with the ship.

The heart of the ship's main propulsion capability lies within its four LM-2500 Gas Turbine Engines and twin shafts with Controllable Reversible Pitch (CRP) Propellers. These are capable of driving the ship through the water at speeds in excess of 30 knots and can also stop the ship from any speed in approximately two ship lengths.

BUNKER HILL's extensive electrical power capability is provided by three Allison 501-K17 Gas Turbine Engines, coupled to generators, each producing 2500 kilowatts and 4000 amperes of electrical power.

The ship maintains a complement of 29 officers, 28 Chief Petty Officers (CPOs), and 318 enlisted crewmen.

BUNKER HILL CHRONOLOGY

MONTH	EVENT
JANUARY 1st - 17th 17th	IT21 Installation ASWEX / COMPTUEX
FEBRUARY	COMPTUEX cont'd
MARCH 1st - 14th	CSRA Port Visit Los Angeles
APRIL 7th 23rd	Change of Command INSURV
MAY	RIMPAC EAST RIMPAC '00
JUNE	RIMPAC '00
JULY 3rd	Pre Overseas Movement (POM) begins
AUGUST 16th 17th 23rd - 24th 27th 29th	POM ends Deployment to Arabian Gulf Inport Hawaii Crossed International Dateline Arrival of Davey Jones
SEPTEMBER 1st 4th 7th - 12th 14th - 16th 17th 20th 26th 27th	Passed Solomon Islands (Guadalcanal) Transit Jones Straits Inport Darwin, Australia Anchored for Dili. East Timor Operations Ordered to make best speed to Arabian Gulf Transit Straits of Malacca Transit Straits of Hormuz Inport Manama, Bahrain
OCTOBER 2nd 5th 11th - 12th 12th 14th 15th	Begin MIO Monitor Iraq patrol boat Inport Bahrain USS COLE bombing Escort Alghadeer to UAE for turnover to UAE Coast Guard Begin 4W grid Force Protection

NOVEMBER

12th

Return to MIO

25th - 27th

Protect FBI evidence barge

28th

Steel Beach picnic and beer day

DECEMBER

1st - 10th

MEUEX -- Kuwait City, small boat protection

11th-14th

Inport Bahrain

14th-21st

MIO, Carrier Escort

22nd - 27th

Inport Bahrain for engine change out

29th

Begin transit home

30th

Abraham Lincoln Battle Group begins transit through Straits of Hormuz

USS BUNKER HILL (CG 52)

Mission

Victory in combat. Deterrence in peace. A winner when called upon to fight, and a tool of diplomacy during times of peace... supporting National objectives through Joint and Naval operations with command and control, air defense, surface, and subsurface attack and land strike.

