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From: Commander, Naval Surface Force, U.S. Pacific Fleet

To: Director of Naval History (OP-09BH)

Subj: USS BUNKER HILL (CG 52) 1997 COMMAND HISTORY

Encl: (1) Subject Command History

1. Enclosure (1) is readdressed and forwarded.

Matthew Brown

M. S. BROWN
By direction

Copy to:
USS BUNKER HILL (CG 52)



DEPARTMENT OF THE NAVY

USS BUNKER HILL (CG 52)
FPO AP 96661-1172

IN REPLY REFER TO:

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Ser 01/


From: Commanding Officer, USS BUNKER HILL (CG 52)
To: Public Affairs Officer, Commander, Naval Surface Force U.S. Pacific Fleet

Subj: COMMAND HISTORY 1997

Ref: (a) OPNAV INSTRUCTION 5750.12F

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

1. In accordance with reference (a), enclosures (1) through (5) are submitted for inclusion in the Command History file.


P. A. PIERCEY
By direction

USS BUNKER HILL (CG 52)
Command History
1997

USS BUNKER HILL (CG 52) NARRATIVE of 1997

The year began with BUNKER HILL entering into a 13 week Dry-docking Ship's Restricted Availability (DSRA). BUNKER HILL spent almost two full months out of the water, allowing the Ship's Repair Facility (SRF) to repair and paint the underside of the ship. During this DSRA, BUNKER HILL served as a test platform for a new, streamlined maintenance program for ships under Commander, Naval Surface Force Pacific (COMNAVSURFPAC) cognizance. The goal was to complete the scheduled repairs of a ship whenever she was in port for a long period of time, rather than deferring all repairs to a single, all-encompassing regular overhaul. BUNKER HILL was scheduled to complete her DSRA in 13 weeks. This was the first step in the effort to reduce the maintenance period from the normal 16 weeks to a short 9 weeks.

The following were installed on BUNKER HILL during DSRA-7:

- The "Big Five" in SPY-1A, which gives the ship capabilities comparable to a more advanced Aegis cruiser.
- HFRG
- EHF
- SPS-49(v)-7 upgrade
- Tank stiffening forward and midbank
- Plastic waste disposal

Towards the end of DSRA-7 BUNKER HILL preparations began for CART II, which would kick-off over three months of assessments, training and inspections. From March to the end of the summer, the ship faced all aspects of the work-up cycle, finishing FEP in the middle of August. After a short, but much-deserved, rest the ship rejoined the INDEPENDENCE Battlegroup and participated in exercises in support of forward engagement.

The first exercise was called JAVELIN MAKER. In this exercise, the BUNKER HILL worked closely with the MV JACK WILLIAMS and a SEAL Platoon from San Diego, CA. JACK WILLIAMS acted as a vessel carrying nuclear weapons and her crew simulated a terrorist takeover. BUNKER HILL

conducted over-the-horizon tracking of the JACK WILLIAMS, closed on her, and sent a VBSS team to conduct reconnaissance. After determining the ship to be under hostile control, BUNKER HILL called in the SEAL Platoon. Within a few short hours the SEALs completed the take down and gained control of the vessel.

The next exercise was MISSELEX 97-4 conducted in the beginning of September. The ships involved were USS THACH, USS CURTIS WILBUR, USS INDEPENDENCE, and USS BUNKER HILL. BUNKER HILL served as the primary launch platform and fired Standard Missiles on two drones launched from her flight deck. Both drones were successfully shot down.

FOAL EAGLE 97 took place towards the end of October. BUNKER HILL's exercise tested Theater Ballistic Missile Defense (TBMD) concepts. One interesting test measured the time it took for information to travel from ship-to-shore to Patriot missile batteries prepared to neutralize threats detected by ship's sensors. INDEPENDENCE launched F-14 Tomcats to simulate theater ballistic missiles. BUNKER HILL tracked these aircraft using the SPY radar and the Aegis system.

In the beginning of November, BUNKER HILL participated in ANNUALEX 97 with the Japanese Maritime Self-Defense Force. The exercise took place off the coast of Honshu. The exercise focused on USW and AW training and familiarization. The exercise started with USW. BUNKER HILL and JMSDF conducted open-ocean search and tracking exercises. BUNKER HILL was the only ship to locate and "destroy" two Japanese diesel submarines. The second phase focused on AW with the Japanese destroyers serving as the Anti-Air Warfare Commander (AAWC).

BUNKER HILL completed the year with LIMA 97, a SAREX with the Indian Navy, and a quick jump across the equator for all the ship's wogs. LIMA 97 took place in Langkawi, Malaysia. BUNKER HILL was chosen to represent the United States along with ships and submarines from such nations as India, Indonesia, Russia, and Germany. Following seven days at the Malaysian symposium, BUNKER HILL sailed to the Indian Ocean to practice international search and

rescue missions with the Indians. The Indian Navy acted as the On-Scene Commander, and BUNKER HILL was tasked with locating the lost man. This exercise proved to be very beneficial in maintaining friendly relations with the Indian Navy.

On her way home, BUNKER HILL passed through the Strait of Malacca and turned south to cross the equator. It was an early morning for those whom had not yet crossed the equator. They had entered into Neptune's kingdom, ready to face the "tests" that would transform them from a slimy wog to a trusty shellback.

BUNKER HILL returned to Japan just in time to celebrate Christmas and New Years' Day. She completed the year earning the Admiral Chezek Gunnery Award, the 1997 Commander, Naval Surface Force Pacific Fleet, Safety Award and her sixth consecutive Pacific Fleet Battle "E" Award.

USS BUNKER HILL (CG 52) COMMAND COMPOSITION and ORGANIZATION

MISSIONS:

- Primary
 - Air Warfare (AW)
 - Undersea Warfare (USW)
 - Surface Warfare (SUW)
 - Strike Warfare (STW)
 - Electronic Warfare (EW)
 - Command, Control & Communications (CCC)
 - Mobility (MOB)

- 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 Launch System (VLS) and the first to employ the Tomahawk Weapon System (TWS).

Throughout 1997, BUNKER HILL served under the administrative command of the Commander, Carrier Group FIVE. As such, the ship operated as a major component of the Forward Deployed Naval Force and was permanently deployed to Yokosuka, Japan.

Within the SEVENTH Fleet Area of Responsibility, the ship was operationally assigned to:

- Commander, SEVENTH Fleet
- Commander, Task Force 70/Battleforce SEVENTH Fleet
- Commander, Task Force 75/Surface Combatant Force, SEVENTH Fleet
- Commander, Task Group 70.1/USS INDEPENDENCE Carrier Battlegroup

SUBORDINATE ORGANIZATIONS:

BUNKER HILL served as the INDEPENDENCE Carrier Battlegroup Air Warfare Commander throughout 1997 plus the regional Air Defense Commander in the Korean Area of Responsibility (AOR). BUNKER HILL was responsible for stationing and tactical employment of all primary air defense missile ships and the maritime fighter and surveillance portions of Carrier Airwing FIVE (CVW5).

BUNKER HILL embarked Helicopter Anti-Submarine Squadron Light FIVE ONE Detachment SIX.

DISCUSSION:

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

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

The core of BUNKER HILL's capability lies within the AEGIS Weapons System – a state-of-the-art, computer-assisted, nearly 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 (AWS), the SPY-1A Radar (SPY), the Weapons Control System (WCS), the Command and Decision

System (CDS), and the AEGIS Display System (ADS), 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 Systems 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 Mk 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 the of an integrated mix of ship's sensors and weapons. Other ship's 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 III, two SH-60B Seahawk helicopters. Multi-mission capable, these helos 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 appropriately 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 2500Kw and 4000 amps of electrical power.

The ship maintains a complement of 28 officers, 33 Chief Petty Officers (CPOs), and 389 enlisted crewmen, including aviation and cryptologic detachments, and other various embarked personnel.

COMMAND HISTORY

1997

MONTH	EVENT	DESCRIPTION
JANUARY		
19 DEC 96 - 04 JAN	Holiday Leave/Upkeep	BUNKER HILL maintains at least 50% manning.
05 - 06	DSRA-7 BEGINS	Dry-Dock Selected Restricted Availability at Ship's Repair Facility Yokosuka, JA.
06 - 07	Basic Fire-Fighting Training	BUNKER HILL sailors receive the basic fire fighting training from ATG.
07	Dock Ship	This training satisfies the 6 year Basic F/F requirement.
22-24	TOMAHAWK Commander COI	Ship is dry-docked at Ship's Repair Facility (SRF). Held at Afloat Training Group (ATG) Yokosuka, JA.
FEBRUARY		
03-07	SERT Team Training	ATSG ATG/Engineering Administration, Material Condition, and LOA
10-14	PLOT I (Pre-Light Off Test Phase One)	Preparations.
17-28	CSMT Training	ATSG
24-26	Shipboard Fire Fighting Team Training	ATG/Duty Sections 1, 2, and 3
28	Undock	SRF
MARCH		
02	Fuel Onload	CFAY PO
10-14	CSTT Team Training	ATSG
11	ENG Space Turnover	
16	CART II Checksheets Issued	
17-21	SSASW Part I	ATGWP
	Q3-Q4 Training Plan Review	
	CART II Agenda (Finalized Liasion w/ ATG TLO	
	Baseline 2.10 Installation (Training conducted w/ install)	
24		
25-26	CART II Standdown	Internal ship review of Checklists
25-27	ISIC LOA	CCG5/ATG
28	Eng Light Off	SRF

COMMAND HISTORY

1997

APRIL

04	DSRA-7 Complete	SRF
07-08	Fuel Onload	CFAY PO
08	Fast Cruise	
09-11	Ammo Onload	Maximum Displacement required for Full Power Trial
14-16	Sea Trials	Combat System Testing/Full Power Trial
21	CART II Checksheet Review	
21-25	NSFS	ATG
	TRASUP COI	ATSG/Operator Training w/ New 2.10 Baseline
	BEES BOX Trainer	ATSG/RSC Training w/ Big 5/2.10 Baseline
21-26	Target Phase I	ENG System Groom
28-02	CIC Team Training	ATSG/2 Scenarios daily

MAY

01-12	SNAP III Training	ATSG
05	CSTT Training	Yokosuka
05-12	CART II	
07	LINK-11 Long Look	
12-23	ASW Team Training	
17-23	U/W ENR Hong Kong	
21-22	NGSF QUALIFICATION	Okino Daito Range ENR Cebu
24-04JUN	TSTA I	
28-01JUN	ENR Yokosuka	

JUNE

02-16	Radioman Team Training	ATSG/EHF Classroom and U/W Training
05-16	RSC Enhanced	ATSG/BIG 5 and Baseline 2.10 Training
	CIC Team Training	U/W
09-16	RSC Enhanced	Portion of RSC COI
10-16	ENR Singapore	
20-29	TSTA II	
	EXERCISE KEYNOTE	

COMMAND HISTORY

1997

21-05JUL ENR Yokosuka
23 Review TSTA II Agenda Liasion with ATG TLO

JULY

07-18 CSRR Combat Systems Groom
07-21 Target Phase II ENG System Groom (Preps for ENG Certification)
14-18 CSOSSS Phase II ATSG
21-01AUG CMTQ
29-30 Engineering Certification
31 TSTA III/FEP Agenda Review

AUGUST

11-14 TSTA III U/W USS PHILLIPPINE SEA
14-17 FEP U/W USS PHILLIPPINE SEA
15-23 EXERCISE VALIANT BLITZ Okinawa
18-22 FAAWC COI ATSG Export COI from ATC Dahlgren
25 Rejoin IBG ENR Manila

SEPTEMBER

03-06 JAVELIN MAKER Okinawa
17-21 MISSILEX Okinawa
24-25 VALIANT BLITZ Okinawa

OCTOBER

24-04NOV FOAL EAGLE 97 w/ IND, CUR, MOB

NOVEMBER

06-12 ANNUALEX

DECEMBER

02-07 LIMA 97 LANGKAWI, MALAYSIA
08-11 INDIAN SAREX

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.

Commanding Officer
CAPT Kopacz

Executive Officer
LCDR Kapcio

Chaplain
LT [REDACTED]

Navigator
LTjg [REDACTED]

QM / YN / PN / HM / RP

Combat Systems Officer
LCDR [REDACTED]

Engineer Officer
LCDR [REDACTED]

Operations Officer
LT [REDACTED]

Weapons Officer
LT [REDACTED]

Supply Officer
LCDR [REDACTED]

Air Officer
LCDR [REDACTED]

Electronics Material Officer
LTjg [REDACTED]

ET

Fire Control Officer
LT [REDACTED]

FC

Strike Warfare Officer
ENS [REDACTED]

GMM / FC

System Test Officer
ENS [REDACTED]

FC

Main Propulsion Assistant
LTjg [REDACTED]

GSM / GSE / FN

Damage Control Assistant
LT [REDACTED]

DC / HT / FN

Auxiliaries Officer
CWO3 [REDACTED]

EN

Repair Officer
ENS [REDACTED]

EM

Assistant Operations Officer
LTjg [REDACTED]

Combat Information Center Officer
LTjg [REDACTED]

OI Division Officer
ENS [REDACTED]

OS

Communications Officer
ENS [REDACTED]

RM / SM

Signal Warfare Officer
CWO2 [REDACTED]

CT / EW / IS

USW Officer
LTjg [REDACTED]

STG / TM

First Lieutenant
ENS [REDACTED]

BM / SN

Ordnance Officer
LTjg [REDACTED]

GM / FC

Disbursing Officer
LTjg [REDACTED]

DK / SK / SH / PC

Food Services Officer
ENS [REDACTED]

MS

Pilots

AMH / AW