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DEPARTMENT OF THE NAVY

USS BUNKER HILL (CG-52)
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DECLASSIFIED

(Unclassified upon removal of enclosures (7) through (13))

From: Commanding Officer, USS BUNKER HILL (CG 52)
To: Director of Naval History (OP-09BH), Washington Navy Yard,
Washington, DC 20374-0571

Subj: COMMAND HISTORY (OPNAV 5750-1)

Ref: (a) OPNAVINST 5750.12E

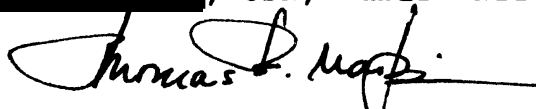
- Encl:
- (1) Biography/Photo of Commanding Officer
 - (2) USS BUNKER HILL Notice 1301, Notification of Assignments to Primary and Collateral Duties, Boards, Councils and Committees
 - (3) Organization Chart
 - (4) Welcome Aboard Pamphlet
 - (5) Underway Data
 - (6) Embarked Aircraft Statistics
 - (7) Commanding Officer's Battle Orders (sep. cover) → IN CLASS FILE
 - (8) Condition II Watchbill (BUNKERHILLNOTE 5320 of 26 Dec 90)
 - (9) Combat Systems Department → IN CLASS FILE
 - a) TLAM Employment Report and Lessons Learned (USS BUNKER HILL 161259Z FEB 91)
 - b) TLAM Strike Execution Launch Platform Questionnaire
 - c) Spokane Trophy Runner-Up (sep. cover)
 - d) FIREX-I
 - e) NTPI Results → IN CLASS FILE
 - (10) Engineering Department
 - a) Mobile Team Trainer (MTT) Results
 - b) Light Off Exam (LOE) Results
 - c) Operational Propulsion Plant Exam (OPPE) Results
 - (11) Operations Department
 - a) Exercise CANDID HAMMER Letter of Instruction (LOI)
 - b) Arabian Gulf AAW Inchop Series
 - c) Four Carrier Photoex (CTF 154 011622Z MAR 91)
 - d) Lamps Training and Readiness Report
 - e) CMS Inspection Results
 - f) Aviation Certification (AVCERT) Results
 - g) Interim Refresher Training (IRFT) Results
 - h) COMNAVSURFPAC ELW Award Runner-Up (sep. cover) → IN CLASS
 - i) 1991 Association of Old Crows EW Award Nomination FILE
 - (12) Supply Department
 - a) DESERT STORM Logistics Lessons Learned
 - b) Supply Management Assessment (SMA) Results (sep cover)
 - c) Ney Memorial Award Inspection Results (sep cover)
 - d) Fleet Accounting and Disbursing Center Pacific (FAADCPAC) Inspection Results (sep cover) → IN CLASS FILE

Subj: COMMAND HISTORY (5750-1)

- IN CLASS ← (13) Ship-wide Inspections/Awards
FILE
- a) COMNAVSURFPAC Battle Efficiency Award Results
 - b) Supplementary Material in Support of Presidential Unit Citation Award
 - c) COMSEVENTHFLT AAW and ASUW Awards
 - d) COMSEVENTHFLT ASW and ELW Award Nominations
 - e) COMNAVSURFGRU WESTPAC 1991 CNO Annual Ship-LAMPS Safety Award Nomination
 - f) FY91 Secretary of Defense Maintenance Award
 - g) COMNAVSURFGRU WESTPAC 1991 Golden Anchor Nomination
- (14) Public Releases
- a) Ship's Family Gram (The SWORD)
 - b) Press Release for Surface Warfare magazine
 - c) Press Release for Charlestown Patriot
 - d) Ship's Cruise Book

1. The calendar year 1991 Command History is forwarded in compliance with reference (a). Enclosures (1) through (14) are included as supporting documentation.

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


THOMAS F. MARRIAK

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.

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

Primary:	- Anti-Air Warfare	(AAW)
	- Anti-Submarine Warfare	(ASW)
	- Anti-Surface Warfare	(ASUW)
	- Strike Warfare (Tomahawk)	(STW)
	- Electronic Warfare	(ELW)
	- Command, Control and Communications	(CCC)
	- Mobility	(MOB)
Secondary:	- Intelligence	(INT)
	- Amphibious Warfare	(AMW)
	- Anti-Mine Warfare	(MIW)
	- Fleet Support Operations	(FSO)
	- Non-Combat Operations	(NCO)

3. Organization. BUNKER HILL has been under the administrative control of Commander Middle Eastern Forces (CTF 151), Commander Arabian Gulf Battle Force (CTF 154), Commander Task Force 70, and Commander Naval Surface Group Western Pacific (CTF 75) during various portions of 1991. For detailed dates, see CHRONOLOGY - CY 1991.

4. Subordinate Commands. Detachments from Helicopter Anti-Submarine Squadron Light 43 and 47 based at NAS North Island, San Diego, CA were assigned to BUNKER HILL.

<u>Squadron</u>	<u>Detachment</u>	<u>From-To</u>	<u>Officer in Charge</u>
HSL 47	1A	01JAN-09FEB	LT Jeff Risinger
HSL 47	1B	10FEB-26APR	LCDR Steve Clary
HSL 43	2C	01AUG-14SEP	LT Jeff Dale
HSL 43	2A	15SEP-31DEC	LT Doug Harris

Further information about embarked Air Detachments can be found in Enclosure (6).

5. Summary. USS BUNKER HILL is one of the Navy's most capable warships. It plays a key defensive role by providing protection for an entire Carrier Battle Group of Surface Action Group against air, surface and subsurface threat. Its offensive strike capability is impressively demonstrated by its ability to strike targets at sea and ashore with all 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 capability in target detection, acquisition, and engagement. The AN/SPY-1A phased array radar can track over 200 nautical miles with fire control accuracy. All these contacts are channelled through UYK-7 computers to the AEGIS Display System, comprised of four large screen 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 and engaged automatically without human intervention. The system can also be operated in semiautomatic 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, the 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 Multipurpose (LAMPS) MK III SH-60B with its two-way voice and information data link, and ship's hull mounted SQS-53A sonar with automated Passive Target Motion Analysis (PTMA).

PART II

CHRONOLOGY - CY 1991

<u>SHIP'S POSITION</u>		<u>EVENTS</u>		
<u>PERIOD</u>	<u>LOCATION</u>	<u>DATE</u>	<u>EVENT</u>	<u>TAB</u>
01JAN-05JAN	Northern Arabian Gulf (NAG)	01JAN	AAW patrol in NAG under OPCON of CTF 151.	1
		03JAN	Exercise CANDID HAMMER.	2
		04JAN	Underway Replenishment (UNREP) with HMAS SUCCESS.	
06JAN-11JAN	Sitrah Anchorage, Bahrain	06JAN	Change OPCON to CTF 154. Assumed duties as CTG 154.2, AGBF AAWC "ZW" Tender Availability (TAV) with USS JASON Aegis Baseline 2.3, TRAP/TRE, and AN/URD-4G Installation.	3 4
		09JAN	AAW/STW Coordination meetings with NAVCENT staff thru 11JAN.	5
		11JAN	BGEN Neal visit.	
12JAN-15FEB	NAG	12JAN	Iraqi Mine spotted by Saberhawk 73. UNREP with SUCCESS	6
		14JAN	UNREP with USS SACRAMENTO	
		15JAN	Exercise Condition II steaming.	7
		16JAN	Commence Operation DESERT STORM. Launched 16 TLAMs Set Condition II steaming thru 15 FEB	8 9
		20JAN	UNREP with USNS HASSAYAMPA	
		22JAN	Vertical Replenishment (VERTREP) with NIAGARA FALLS	
		24JAN	Launched two TLAMs Destroyed Iraqi Mine	9 6
		25JAN	Launched five TLAMs	9
		26JAN	Launched one TLAM	9
		28JAN	UNREP with HASSAYAMPA VERTREP with NIAGARA FALLS	
		31JAN	Launched five TLAMs	9
03FEB	UNREP with PASSUMPSIC VERTREP with NIAGARA FALLS			
08FEB	UNREP with HASSAYAMPA VERTREP with NIAGARA FALLS			
11FEB	COMO Craig, RN (CTG 321.1) visit	10		

SHIP'S POSITION		EVENTS		
<u>PERIOD</u>	<u>LOCATION</u>	<u>DATE</u>	<u>EVENT</u>	<u>TAB</u>
		14FEB	Turnover "ZW" to USS MOBILE BAY	
		15FEB	UNREP with USNS PASSUMPSIC Set Condition III.	
16FEB-21FEB	Jebel Ali, United Arab Emirates	16FEB	TAV with USS ACADIA.	
22FEB-04MAR	Central Arabian Gulf		Rdvw with USS RANGER	
		28FEB	Anchored vic Bahrain Bell ICW RANGER thru 01 MAR	
		02MAR	RADM Zlatoper, COMCARGRU SEVEN visit	11
			Four CV Photo-ex	12
		03MAR	UNREP with HASSAYAMPA VERTREP with USNS SPICA	
05MAR-06MAR	Sitrah Anchorage			
07MAR-13MAR	ISE Indian Ocean	11MAR	UNREP with USS KILAUEA	
14MAR-17MAR	Phuket, Thailand		Anchored Patong Beach	
18MAR-21MAR	South China Sea (SCS)	18MAR	Transit Straits of Malacca	
		19MAR	Brief stop for fuel in Singapore.	
		20MAR	Crossing the Line Ceremony	
22MAR-26MAR	Subic Bay, Republic of the Philippines	22MAR	Ammo Offload Nabasan Pier	
		23MAR	Shift berth to Rivera Pier	
			Visit by CTF 73 COS	
		24MAR	Supply Management Assessment (SMA) Assist.	13
		25MAR	CMS Inspection.	
			Aviation Assist (AAV).	
		26MAR	Postal Assist.	
27MAR	ISE South China Sea	27MAR	En route Hong Kong, BC AG AAW Brief with RADM Quast, CRUDESGRU THREE.	14
28MAR-01APR	Hong Kong			
02APR-07APR	ISE South China Sea		En route Yokosuka	
08APR-28JUL	Yokosuka, Japan	08APR	Moored Pier Six.	
		14APR	Offload 5" Ammo.	
		15APR	Offload Harpoon missiles.	

SHIP'S POSITION		EVENTS		
<u>PERIOD</u>	<u>LOCATION</u>	<u>DATE</u>	<u>EVENT</u>	<u>TAB</u>
		16APR	RADM Bull, Deputy CINCPACFLT visit.	15
		19APR	Environmental Health Survey.	16
		22APR	Commenced defueling.	
		26APR	Commenced docking in Drydock Six.	
		08MAY	SWDG Link 11 Meeting.	17
		31MAY	DESERT STORM Awards Ceremony.	
		03JUN	Pre-Light Off Exam (PLOE) Mobile Team Trainer (MTT) Phase 1A.	18
		04JUN	SPAWAR TRAP/TRE System Assessment.	4
		06JUN	Administrative Review.	19
		15JUN	Battle Group Alfa Ball.	20
		17JUN	TAV USS MCKEE. Aegis Training Support Group (ATSG) visit	21
		19JUN	CO AAW Brief to Fifth Air Force, Yokota AB Japan	22
		20JUN	TWCS Block II inbrief	23
		01JUL	Undocked and Moored at Drydock Six	
		05JUL	PLOE MTT 1B	18
		12JUL	Aviation Readiness Eval	24
		17JUL	PLOE MTT 1C	18
		18JUL	JMSDF AN/SLQ-32 Brief	25
		23JUL	Commenced Light Off Exam	26
		25JUL	PAATCPAC	
		26JUL	Fast Cruise	
29JUL-30JUL	ISE Local Oparea	29JUL	Commenced Sea Trials 3M Assist Visit	27
31JUL-01AUG	Yokosuka, Japan	31JUL	Ammo Onload-SM2	
		01AUG	Ammo Onload-Torpedoes	
02AUG-04AUG	ISE Enroute Guam	02AUG	Ammo Onload (5") at anchor Yokosuka	
05AUG-07AUG	Guam	05AUG	Moored NAVSTA Wharf Alfa	
		06AUG	Shift Berth to Ammo Pier Onload 61 SM2	
08AUG-21AUG	ISE enroute Rdvu MIDWAY	12AUG	Rdvu MIDWAY UNREP with USNS WALTER S DIEHL	

SHIP'S POSITION		EVENTS		
<u>PERIOD</u>	<u>LOCATION</u>	<u>DATE</u>	<u>EVENT</u>	<u>TAB</u>
		14AUG	Token UNREP with MIDWAY	
		15AUG	UNREP with DIEHL	
		16AUG	Cross Int'l Date Line	28
		18AUG	Highline xfer with MIDWAY	
		21AUG	UNREP with USNS KAWISHIWI	
22AUG-27AUG	Pearl Harbor, HI	22AUG	Moored NAVSTA Pearl Harbor	29
		26AUG	Shift berth to NAVMAG Pearl Harbor for ammo onload and back to NAVSTA	
28AUG-10SEP	Western Pacific in company with (ICW) USS INDEPENDENCE.	29AUG	SM2, CIWS, and 5" Gun AAW exercises.	30
		30AUG	Mk 46 Torpedo and 5" ASUW Gun exercises.	30
		31AUG	Photoex with INDEPENDENCE	
		02SEP	UNREP with USNS KAWISHIWI 1st planeguard with INDY	
		05SEP	Crossed Int'l Date Line and skipped 04SEP.	
		07SEP	UNREP with DIEHL	
11SEP-15SEP	Yokosuka, Japan	11SEP	Moored Harbormaster Pier East. JP-5 Pumproom flood.	31
		12SEP	Commenced Training Readiness Evaluation (TRE)	
		13SEP	CO/XO Awards Ceremony.	32
16SEP-20SEP	ISE enroute Subic Bay	18SEP	Evaded three typhoons.	33
		20SEP	Xsit San Bernardino Sts BUNKER HILL's 5th birthday	
21SEP-25SEP	Subic Bay, RP	21SEP	Moored Nabasan Pier for ammo onload. Shifted to Alava Pier.	
		23SEP	Commenced NWAT	34
		25SEP	NGFS FIREX I at Tabones. Moored Alava.	35
26SEP-01OCT	ISE Subic Oparea	26SEP	Commenced FTGWP/ATSG modular IRFT. Day and night UNREP with DIEHL	21
		27SEP	24 Minute total power loss	36
02OCT-18OCT	Yokosuka, Japan	02OCT	Moored Harbormaster East	
		04OCT	HSL-43 DET 2 ASPA inspection at Atsugi NAF	

SHIP'S POSITION		EVENTS		
<u>PERIOD</u>	<u>LOCATION</u>	<u>DATE</u>	<u>EVENT</u>	<u>TAB</u>
		07OCT	Tomahawk Process Action Team (PAT) visit.	37
		10OCT	Environmental Health Survey	16
		14OCT	VADM Bennett, CNSP visit	
			LTGEN Ishisuka, CG JASDF visit	
		15OCT	CAPT Sakaue, JMSDF, COMCORTDIV 46 visit	
		16OCT	Commence SMA/Ney visit	
		17OCT	JMSDF Aegis Working Group	25
19OCT-21OCT	ISE Philsea enroute Chinhae, ROK	19OCT	MTT Phase IV embarked	18
		20OCT	XSIT Van Dieman Sts	
22OCT-24OCT	Chinhae, Republic of Korea (ROK)	23OCT	Commenced NTPI	34
25OCT-30OCT	Pusan, ROK	25OCT	Moored Pier Six	
31OCT-17NOV	Sea of Japan (SOJ) ICW Battle Group Alfa.	31OCT	Change of OPCON to CTF 70. Rduv Battle Group Alfa.	
		02NOV	Commenced VALIANT BLITZ 92 UNREP with USNS PONCHATOULA	38
		04NOV	UNREP with PONCHATOULA.	
		06NOV	Transit Tsushima Straits. enroute ANNUALEX 03G. UNREP with PONCHATOULA.	
		07NOV	VERTREP with USS SAN JOSE and USS KILAUEA. Commence ANNUALEX 03G.	39
		09NOV	UNREP with JDS HAMANA.	
		10NOV	UNREP with HAMANA.	
		12NOV	UNREP, Highline transfer with PONCHATOULA.	
		13NOV	Arrived NLOA vic Hokkaido.	39
		15NOV	Completed ANNUALEX 03G, transited Tsugaru Sts.	
		17NOV	UNREP with PONCHATOULA.	
18NOV-21NOV	Pusan	18NOV	Moored Pier Six Extension. Commenced MTT Phase III.	18
22NOV-23NOV	SOJ ICW INDEPENDENCE	22NOV	UNREP with PONCHATOULA Transited Tsushima Sts enroute Yokosuka.	
24NOV-01DEC	Yokosuka	24NOV	Moored Harbormaster Pier. Change OPCON to CTF 75.	

SHIP'S POSITION		EVENTS		
<u>PERIOD</u>	<u>LOCATION</u>	<u>DATE</u>	<u>EVENT</u>	<u>TAB</u>
		26NOV	Onloaded ammo.	
02DEC-03DEC	ISE Phil Sea	02DEC	Commenced OPPE. Late U/W	40
		03DEC	Late Arrival Yokosuka	
04DEC-08DEC	Yokosuka	04DEC	Moored Harbormaster West.	
		05DEC	Commence Cruise Missile Tactical Qualification Assist (CMTQA) visit.	41
09DEC-19DEC	Phil Sea ICW BG "A"	09DEC	BG "A" Workups. Change OPCON to CTF 70.	42
		12DEC	RAS with USNS ANDREW J. HIGGINS.	
		13DEC	RADM Bennitt, COMCARGRU FIVE visit.	43
		15DEC	Assume Alternate CWC. RAS with HIGGINS.	
		16DEC	INDY Advanced Tactical Assessment (ATA) begins.	
		19DEC	BG "A" Photoex.	
20DEC-31DEC	Yokosuka	20DEC	Moored Harbormaster West. Change OPCON CTF 75.	
		27DEC	Onloaded ammo.	
		31DEC	BG "A" Postex meeting.	

PART III

NARRATIVE

- 01 USS BUNKER HILL acted as Arabian Gulf Anti-air Warfare Commander (AAWC) "Golf Whiskey" for Commander Middle East Forces (CTF 151) prior to the activation of the Arabian Gulf Battle Force (AGBF) Composite Warfare (CWC) structure on 06JAN. USS WORDEN (CG 18) acted as Alternate AAWC while BUNKER HILL was anchored at Sitrah.
- 02 Exercise CANDID HAMMER was conducted with the Multinational Interdiction Forces (MIF) present in the Gulf at that time. Primary exercise objective was to practice the integration of British, Canadian and French Naval Forces into the existing U.S. National CSAR and ASUW structure in the event of hostilities. The exercise, though successful in obtaining its objectives, proved to be of limited practical value due to the significant buildup of Carrier Forces in the Gulf just prior to and after 17JAN which significantly changed the U.S. National Command structure and rendered forward employment of Allied Forces as ASUW platforms unnecessary. See enclosure (11a) for more information.
- 03 The entry of USS MIDWAY (CV 41) into the Arabian Gulf activated the AGBF CWC structure with RADM March, COMCARGRU FIVE, assuming the duties of Composite Warfare Commander, "Zulu Bravo". BUNKER HILL assumed duties as AGBF AAWC "Zulu Whiskey". The intended warfare commander alignment in the Arabian Gulf was completed 11JAN when both ships reported on station and BUNKER HILL assumed responsibility for the Air Defense of the entire Gulf region.
- 04 During BUNKER HILL's last inport period prior to the commencement of hostilities, two Rapid Development Items, the AN/USQ-69 Tactical Receive Equipment (TRE) and the AN/URD-4G were installed. The TRE was successfully used to provide early warning of hostile aircraft and ballistic missile activity. The URD-4G was purported to enhance the detectability of ASCMs, but proved to be maintenance intensive.
- 05 A series of coordination meetings with members of COMUSNAVCENT's Strike Planning Cell were conducted onboard BUNKER HILL from 09JAN through 11JAN to resolve planning issues for AAW support of the Air Campaign against Iraq. Strike warfare planners from USS WISCONSIN, "Golf Papa", were embarked to elaborate on AAW/STW interface plans, communications requirements, and data displays (in Link 11). Particular emphasis was placed on the deconfliction of Tomahawk cruise missiles by AAW forces (including allies) and the stationing of AAW ships under BUNKER HILL's tactical control to ensure protection of Tomahawk launch platforms in the event of an Iraqi riposte. The value of the VLS Aegis cruiser as both Tomahawk and AAW capable was discussed.
- 06 During four months BUNKER HILL was in the Gulf, 4 Iraqi mines were spotted by embarked Seahawk helicopters, one was spotted by shipboard personnel, and 7 were destroyed by embarked EOD detachments.

- 07 In anticipation of extended operations in a combat environment, a Condition II watchbill was established which placed the entire ship in a two section watch rotation every six hours. Additional personnel were placed at critical watchstations and one repair locker was manned continuously. Four meals a day were served in conjunction with watch rotation. This rotation was maintained for thirty straight days. See enclosures (7) and (8) for more information.
- 08 BUNKER HILL's primary responsibility as Zulu Whiskey was the deconfliction of all air contacts "feet wet" over the Arabian Gulf to ensure that no friendly aircraft were engaged by AAW forces while defending all friendly naval forces operating in the Gulf from air attack. During the first thirty days of Operation DESERT STORM, BUNKER HILL deconflicted over 65,000 air contacts while directing the tactical employment of twenty six AAW ships and nearly 300 fighter aircraft from six countries without a "blue-on-blue" engagement. Additionally, AAW ship and Combat Air Patrol (CAP) stationing ensured that two Iraqi F-1 Mirages, the only hostile aircraft to enter Gulf airspace during DESERT STORM, were forced into a Saudi Fighter Engagement Zone and successfully engaged by two Royal Saudi F-15s on 24JAN.
- 09 In the early morning of 17JAN, BUNKER HILL launched the first of dozens of Tomahawk Cruise Missiles from the Arabian Gulf at enemy targets in Iraq. This first strike opened the offensive air campaign against Iraq. In all, BUNKER HILL launched 28 of her 31 Tomahawk missiles. One missile failed to load its Operational Flight Program (OFP) and two were incompatible with this weapon system software. The software was upgraded shortly before the cease-fire; however, those two missiles were never fired. See enclosures (9a) and (9b).
- 10 Commodore Craig, RN was the Senior Naval Officer Middle East (SNOME) for the Royal Navy. His visit included a tour of the ship, lunch with the wardroom, and a discussion of the AAW stationing and employment of the two Royal Navy Type 42 Destroyers, HMS CARDIFF (D 108) and HMS GLOUCESTER (D 96).
- 11 Rear Admiral Zlatoper, COMCARGRU SEVEN, acted as AGBF Anti-surface Warfare Commander (ASUWC), "Zulu Sierra". His visit included a tour of the ship, lunch with the wardroom and a discussion of AAW issues.
- 12 A series of historical photographs of four aircraft carriers and three Aegis cruisers operating in formation was taken on 02MAR. The carriers were USS MIDWAY (CV 41), USS RANGER (CV 61), USS THEODORE ROOSEVELT (CVN 71), and USS AMERICA (CV 66). The cruisers were BUNKER HILL, USS LEYTE GULF (CG 55), and USS NORMANDY (CG 60). BUNKER HILL was the lead ship of the formation to signify her preeminence as the lead ship in defense of the AGBF.
- 13 BUNKER HILL conducted a series of Immediate Senior in Command (ISIC) inspections and assist visits during her portcall at Subic Bay Naval Base. These included a COMSEC Material System (CMS) inspection, a Supply Management Assessment assist, an Aviation Assist Visit (AAV), and a Postal Assist Visit. All were completed with outstanding

results despite extensive preparations which were being made for the upcoming DSRA. See tab 24 and enclosure (11c) for more information.

- 14 Rear Admiral Quast, COMCRUDESGRU THREE, was BUNKER HILL's commissioning Commanding Officer. As Commander of Battle Group BRAVO embarked on USS NIMITZ (CVN 68), steaming to relieve RANGER in the Gulf, he requested a detailed overview of AAW operations in the Gulf. Accordingly, Captain Marfiak flew to Cubi Point NAS following departure for Hong Kong, briefed BG "B" in NIMITZ war room on recently conducted operations in the gulf and returned to BUNKER HILL, at sea, west of Tabones, to proceed to scheduled port visit.
- 15 Rear Admiral Bull served as Battle Group ALFA Commander prior to assuming duties as Deputy CINCPACFLT. He was in Yokosuka shortly after BUNKER HILL's homecoming and came onboard to give a "Welcome Home" speech to the crew.
- 16 Environmental Health Survey was conducted by U.S. Naval Hospital, Yokosuka. A complete review of messing facilities, berthing and laundry area sanitation and other health programs was completed.
- 17 Surface Warfare Development Group (SWDG) and Tactical Training Group Pacific held a conference with Battle Group ALFA in Yokosuka to gather first hand data concerning the creation and implementation of the unique and complex link architecture which existed during the later stages of DESERT SHIELD and all throughout DESERT STORM. A concise description of this architecture can be found in enclosure (11b).
- 18 A series of ISIC Mobile Team Trainer (MTT) visits were conducted onboard BUNKER HILL to assist the Engineering department in preparing for two major inspections, the CINCPACFLT Propulsion Examining Board (PEB) Light Off Examination (LOE) and Operational Propulsion Plant Examination (OPPE). See enclosure (10a) for further information.
- 19 Administrative Review was completed by the Personnel Administrative Assist Team-Pacific (PAATPAC) covering all areas of disbursing and ship's office operations.
- 20 BUNKER HILL sponsored a Battle Group ALFA Ball held at Admiral Arleigh Burke Officers Club, Fleet Activities Yokosuka, Japan to celebrate the safe return of BG "A". VADM Arthur, COMSEVENTHFLT and COMUSNAVCENT during DESERT STORM; and RADM March, Commander Arabian Gulf Battle Force were in attendance.
- 21 Aegis Training Support Group, San Diego, visited BUNKER HILL several times during DSRA and the subsequent workups. They were instrumental in integrating their Aegis Tailored Training Package with the Interim Refresher Training (IRFT) provided by Fleet Training Group Western Pacific (FTGWP) to create the first Modular Refresher Training tailored to meet the needs of a forward deployed Aegis cruiser.
- 22 CO provided Fifth Air Force a brief on DESERT STORM AAW and inter-service coalition cooperation in wartime.

- 23 BUNKER HILL received its first major upgrade to the Tomahawk Weapons Control System (TWCS) with the installation of TWCS Block II. This upgrade ensured full compatibility with all missile variants. It also made "user-friendly" improvements to Surface Track Data Base Management functions.
- 24 A series of aviation assist visits and evaluations was conducted leading to final certification for helo operations. COMNAVSURFPAC Aviation Readiness Board conducted an Aviation Assist Visit (AAV) from 24JUN to 07JUL and an Aviation Readiness Evaluation (ARE) on 12JUL. Naval Air Engineering Center (NAEC) Aeronautical Ship Installation Representatives (ASIR) conducted an assist visit concurrent with the AAV. The ASIR team then conducted the final Aviation Certification (AVCERT) from 08-12JUL. See enclosure (11e).
- 25 Officials from the JMSDF were briefed on the capabilities and limitations of the AN/SLQ-32(V)3 Anti-ship Missile Defense system. They toured the Electronic Warfare spaces onboard to examine equipment installation. The group consisted of senior line officers who were evaluating the SLQ-32 for possible procurement by the JMSDF for her new class of Aegis destroyers.
- 26 CINCPACFLT Propulsion Examining Board (PEB) conducted a Light Off Examination (LOE). The team inspected all administrative areas of Engineering Department, tested all qualified watchstanders, and conducted numerous cold checks prior to certifying the propulsion plant for light off. Damage Control drills were conducted with each duty Inport Emergency Team (IET). See enclosure (10b).
- 27 3M Assist Visit was conducted by CNSGWP 3M Team. The overall PMS Performance Rate (PPR) for the ship was 82%. PPR's by department were: Combat Systems 80%, Engineering 81%, ER09 78%, Nav/Admin 100%, Operations 90%, and Supply 92%.
- 28 BUNKER HILL returns to the Western Hemisphere for the first time since 25 AUG 88. 16AUG was observed twice. 04SEP was skipped on the return transit.
- 29 BUNKER HILL's first port visit in the United States since 18 AUG 88.
- 30 Two days of weapons exercises were conducted at the Pacific Missile Test Range. First day, the ship successfully engaged two target drones with SM2 missiles. The first drone flew a high speed, high altitude profile and was engaged at 45NM, 65,000 ft from ownship in a dramatic "skin-to-skin" intercept at a closure rate over 6 Mach. The second drone flew a low altitude profile and was engaged at 17NM, 50 ft from ownship. Later that day, mounts 51, 52, 21, and 22 all successfully engaged Towed Drone Units (TDUs) flying low altitude profiles. Second day, mounts 51 and 52 successfully engaged a remotely operated maneuvering surface target (SEPTAR). Finally, the ship conducted an engagement of a simulated hostile submarine using an Over the Side (OTS) Exercise Torpedo (EXTORP) and an air-dropped EXTORP using embarked Seahawk helicopters. Both were evaluated as hits.

- 31 A ruptured gasket in Number 3 Air Conditioning Plant caused the JP-5 Pumproom (3-398-0-E) to be flooded to approximately 4 feet. All motors and associated controllers required drying and repair prior to next underway period.
- 32 In a special awards ceremony, Captain Marfiak was awarded his second Legion of Merit for meritorious service as AGBF AAWC during Operation DESERT STORM. Commander [REDACTED] was also awarded the Bronze Star with Combat "V".
- 33 While transiting the Philippine Sea en route the San Bernardino Straits, BUNKER HILL encountered several days of heavy weather due to the convergence of three tropical storms northeast of Luzon.
- 34 While in port Subic Bay, BUNKER HILL hosted the COMNAVSURFPAC NWAT team for two days and was assigned a rating of "satisfactory" by the assist team. Later, the Navy Technical Proficiency Inspection (NTPI) team from Weapons Training Group Pacific (WTGP) conducted the qualifying inspection in Chinhae, ROK. A rating of "satisfactory" was assigned with 11 "outstanding" and 3 "excellent" adjective ratings assigned in the 14 inspected areas. See enclosure (9e).
- 35 BUNKER HILL conducted an NGFS FIREX I at Leon Creek Naval Gunfire Range, Tabones, RP with an overall total average of 98 percent, including communications bonus points. See enclosure (9d).
- 36 While conducting Engineering Casualty Control (ECC) drills for Interim Refresher Training, BUNKER HILL experienced a 24 minute unplanned total loss of power.
- 37 The Tomahawk Process Action Team (PAT) consisted of representatives from Program Executive Office-Cruise Missile Project, General Dynamics, McDonald-Douglas, CINCPACFLT, and COMNAVSURFPAC Cruise Missile Qualification Team (CMQT). See enclosure (9b).
- 38 Battle Group ALFA, with Amphibious Task Force Seventh Fleet (CTF 76) embarked on USS BLUE RIDGE, conducted VALIANT BLITZ 92, a bilateral exercise with the Republic of Korea (ROK) Navy and Marine Corps. BUNKER HILL acted as Battle Force AAWC and had direct responsibility for the defense of the Amphibious Objective Area (AOA) while positioning air defenses to cover any reaction from North Korea or the Soviet Union.
- 39 Battle Group ALFA participated in ANNUALEX 03G, a yearly bilateral exercise with the Japanese Self Defense Force (JSDF). BG "A" conducted an opposed transit along Eastern Honshu to arrive at the Near Land Operating Area (NLOA) where strike operations could be conducted against enemy invaders on Hokkaido.
- 40 CINCPACFLT Propulsion Examining Board (PEB) conducted an Operational Propulsion Plant Examination (OPPE). The team inspected all administrative areas of Engineering Department, tested all qualified

watchstanders, and conducted numerous cold checks of the plant prior to getting underway around 2000. ECC and Damage Control drills were conducted until late the following afternoon. The final test was a full power run en route a late arrival in Yokosuka. See enclosure (10c).

- 41 The COMNAVSURFPAC CMQT conducted a Cruise Missile Tactical Qualification Assist (CMTQA) through 09DEC in preparation for the tactical qualification in JAN92. Three eight hour scenarios were conducted which exercised the tactical employment of all variants of the Tomahawk and Harpoon cruise missiles.
- 42 BG "A" conducted extensive training in all mission areas in preparation for an upcoming deployment to the Indian Ocean. Submarine Group SEVEN (CTF 74) provided extensive submarine services throughout the period. COMNAVAIRPAC conducted an Advanced Tactical Assessment (ATA) onboard INDEPENDENCE. The assessment team rated the air wing's tactical effectiveness as outstanding.
- 43 RADM Bennitt, COMCARGRU FIVE, having recently relieved RADM March, visited BUNKER HILL for the first time. He toured the ship and dined for lunch in the wardroom.