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DEPARTMENT OF THE NAVY

USS BROOKE (FFG-1)  
FPO SAN FRANCISCO 96601-1459

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5700  
Ser: NX/001  
18 Mar 88

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From: Commanding Officer, USS BROOKE (FFG 1)  
To: Director of Naval History (OP-09B9), Washington Naval Yard,  
Washington, D.C. 20374  
  
Subj: USS BROOKE (FFG 1) COMMAND HISTORY (OPNAV REPORT SYMBOL 5750-1)  
  
Ref: (a) OPNAVINST 5750.12D  
  
Encl: (1) USS BROOKE (FFG 1) Command History 1987  
  
1. (U) In accordance with reference (a), enclosure (1) is submitted.

  
JOHN T. O. MARTIN

Classified IAW OPNAVINST 5750.12D  
Declassify on 01 FEB 90

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1. Command Mission, Composition and Organization:

a. USS BROOKE is the first of the FFG-1 class ships whose mission is to provide AAW, ASU, and ASW self defense and to effectively provide local area protection to underway replenishment groups, amphibious groups, and other military shipping against air, surface, and subsurface threats. BROOKE can also provide NGFS support and make a limited contribution to Carrier Battle Group or SAG defense by supplementing other battle group assets. Accordingly, the following primary and secondary warfare mission areas are assigned:

(1) Primary:

- (a) Anti-Air Warfare (AAW)
- (b) Anti-Submarine Warfare (ASW)
- (c) Anti-Surface Ship Warfare (ASU)
- (d) Command, Control, and Communications (CCC)
- (e) Electronic Warfare (ELW)
- (f) Mobility (MOB)

(2) Secondary:

- (a) Amphibious Warfare (AMW)
- (b) Intelligence (INT)
- (c) Fleet Support Operations (FSO)
- (d) Mine Warfare (MIW)
- (e) Non-Combat Operations (NCO)

b. USS BROOKE's Commanding Officer until 19 December 1987 was CDR Albert S. Paton, and CDR John T. O. Martin for the remainder of 1987.

c. Permanent Chain of Command:

Commander Cruiser Destroyer Group ONE

Commander Destroyer Squadron THIRTEEN

d. Temporary chain of command during 1987:

(1) 01 February through 31 October:

Commander Cruiser Destroyer Group THREE

Commander Destroyer Squadron SEVENTEEN

(2) 01 November through 31 December:

Commander Cruiser Destroyer Group FIVE

Commander Destroyer Squadron THIRTEEN

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2. (C) Chronology of Events for 1987:

CHRONOLOGY OF EVENTS FOR 1987

01JAN-27MAR	Inport San Diego (Docking Phased Maintenance Availability)
28MAR-30MAR	Underway Sea Trials
31MAR-03APR	Inport San Diego (Docking Phased Maintenance Availability)
04APR-20APR	Inport San Diego
21APR-23APR	Underway CSSQT
24APR-30APR	Inport San Diego
01MAY	Underway CSSQT
02MAY-04MAY	Inport San Diego
05MAY-07MAY	Underway CSSQT
08MAY	Onload Seal Beach (Return San Diego PM)
09MAY-11MAY	Inport San Diego
12MAY-15MAY	Underway CSSQT
16MAY-08JUN	Inport San Diego
09JUN-11JUN	Underway TYT
12JUN-28JUL	Inport San Diego
29JUL-30JUL	Underway TYT
31JUL-10AUG	Inport San Diego
11AUG-17AUG	Underway TYT
18AUG-25AUG	Inport San Diego
26AUG-27AUG	TRE (FTG Anchorage)
28AUG-31AUG	Inport San Diego
01SEP	Underway (Underway Material Inspection)

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02SEP-29SEP	Inport San Diego
30SEP-02OCT	Interim Refresher Training (FTG Anchorage)
03OCT-04OCT	Inport San Diego
05OCT--09OCT	Underway Interim Refresher Training
10OCT-12NOV	Inport San Diego
13NOV-18NOV	Underway KERNAL USHER 1-88
19NOV-01DEC	Inport San Diego
02DEC-06DEC	Underway TYT
07DEC-14DEC	Inport San Diego
15DEC-16DEC	Underway OPPRE
17DEC-31DEC	Inport San Diego

3. (C) Summary of Operations: USS BROOKE (FFG 1) was underway 48 days and inport 317 days during the year 1987. The operating schedule included: a two month extension on a scheduled four month Docking Phased Maintenance Availability which lasted through 03 April, CSSQT 21 April - 14 May, TRE 26-27 August, INSURV 31 August - 04 September, IRFT 30 September - 14 October, KERNAL USHER 1-88 13-18 November, and OPPRE 15-17 December.

January, February and March were very frustrating months for USS BROOKE. A series of month by month, week by week extensions kept the ship locked in the Docking Phased Maintenance Availability (DPMA) at Southwest Marine Shipyard San Diego, CA. The extensions, though necessary, significantly compacted BROOKE's post DPMA schedule for the remainder of the year.

Many improvements and major repair work were completed during the DPMA. In the combat systems area, the ship received new MK46 (SVTT) torpedo tubes port and starboard, ASROC launcher, SPS-52 radar antenna including a new IFF antenna, MK-56 gun director, and a SPG-51 radar dish. The ship also received a major communications upgrade which included installation of seven WSC-3 transceivers, and an upgraded secure voice system.

In the Engineering area, both boilers received extensive overhauls, the superchargers were rebuilt, No.2 Ship's Service Turbo Generator and No.3B Ships Diesel Generator were overhauled, all fuel and water tanks were repaired, preserved and pressure tested, and many pumps and major valves were repaired or replaced.

In the Deck area, both anchor chains were preserved and end-for-ended, and the chain lockers were preserved. The retractable hanger extension tracks were replaced. Both

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boat davits were overhauled, and the ship obtained a new Motor Whale Boat and new Captain's Gig.

Other major jobs included: hull sandblasting and preservation, complete replacement of all laundry equipment, all main and DC deck passageways were chipped to bare metal and preserved, and all enlisted berthing spaces were completely stripped and renovated.

On 20 March USS BROOKE was deadstick moved to Naval Station, San Diego for final repairs by Southwest Marine and SIMA, and then stood out to sea for final DPMA trials 28-30 March. Training completed during the first three months of 1987 included: ASW Phase I 05-09 January, ASW Phase II 26-29 January, and Target Motion Analysis (TMA) team training 16-18 February. The ship received a 3M assist visit 30 March - 03 April, and an Aviation Assist Visit (AAV) on 31 March.

Much of April was dedicated to repairing NO.2 SSTG and other engineering equipment problems stemming from DPMA work, and preparing for the Combat Systems Ship Qualifications Trial (CSSQT). The 06 April underway date was delayed until 21 April, and then after an inport CSSQT period the week of 13 April, the ship was underway 21-23 April for CSSQT tracking. #1 Main Feed Pump problems caused further delays in getting underway the following week. The Seal Beach onload scheduled for 30 April had to be rescheduled to 08 May, and the ship was able to get underway for only one day (01 May) of a scheduled four day CSSQT tracking week.

The ship stood out to sea 05 May for three days of CSSQT tracking and arrived in Seal Beach, CA on 08 May to onload ammunition which included a telemetry configured SM1 Missile to be fired the following, final week of CSSQT.

Feed pump problems again delayed the underway time; however, the ship was able to get underway late 12 May, and on 13 May, successfully fired the SM1 Missile which passed within 4FT of the BQM target drone. The following two days were spent doing Type Training and ECC Drills, with the ship returning to port 15 May.

The entire CSSQT was done in conjunction with USS LYNDE MCCORMICK's CSSQT. The two ships shared air services and conducted an extensive mutual training program which significantly improved both ships training postures.

BROOKE was inport 16 May - 08 June preparing for the INSURV inspection scheduled for mid June. BROOKE stood out to sea for three days 09-11 June to conduct final systems testing prior to the INSURV, ECC Drills, and to conduct Deck Landing Qualifications (DLQ's).

12-14 June were spent inport completing the final cleaning, preservation, and maintenance preparations before INSURV which commenced on 15 June. Due to major problems with No.2 Main Feed Pump, the ships INSURV was terminated on the second day of the inspection and rescheduled for late August.

Training and inspections conducted during the months of April, May and June included: RAVIR VAN (LAAWC procedures) 06-10 April, Intermediate Combat Systems

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Team Training 13-15 April, LAMPS Ordnance Handling Team training 02-05 June, underway noise survey 09 June, 2M recertification inspection 12 June, diesel inspection 12-23 June, 1B Boiler Inspection 24-26 June, and Nuclear Weapons Assistance Team (NWAT) visit 30 June - 02 July.

The ship stood down on 26 June for a command picnic which was held at the Admiral Baker Recreation Center in San Diego, CA. A day of softball, golf, basketball and good food was a very pleasant reprieve from the rigorous schedule.

The ship was in port from 11 June through 28 July affecting repairs to the No.2 MFP and putting 1B Boiler and the diesels back together after their inspections. The Gunnersmate's and the Operations Specialists attended NGFS school 20-24 July, and the Dockside UNREP Simulator (DUS) was utilized 27-28 July. A short 2 day independent steaming underway period 29-30 July was followed by a very busy week 03-07 August when the ship was once again visited by the COMNAVSURFPAC 3M Assist Team concurrent with the 9024 Nuclear Weapon Assist Team visit while also diligently preparing for the upcoming Training Readiness Evaluation (TRE) and Re-INSURV which were both scheduled for later in August.

BROOKE stood out to sea 11 August for 7 days of Type Training and ECC Drills, returning 17 August. The next week was spent in port preparing for the TRE. The ship moved to training anchorage in the evening 25 August, and conducted the TRE 26-27 August, which was very successful and the ship was evaluated ready to start IRFT in all but two areas. These two areas were completed during RE-TRE later in September.

The following week RE-INSURV commenced on 31 August. The underway material inspection was conducted on 1 September, and the INSURV completed on 4 September. The INSURV was very successful, and the inspection board was extremely pleased with the progress made since the June inspection.

The following week was a post INSURV upkeep period to reassemble all equipment torn down during INSURV. Due to the compressed schedule, 1A boiler inspection also occurred this week, so the Boiler Technicians were kept very busy restoring all of the INSURV open and inspect items while at the same time, opening 1A boiler for inspection. The nuclear weapons recertification inspection (NTPI) was conducted 14 - 16 September. BROOKE performed very well in all areas except security, and was certified safe to handle and carry nuclear weapons.

17 - 27 September were spent preparing for Interim Refresher Training (IRFT) which began 28 September. No.2 Main Feed Pump once again adversely impacted a scheduled operation. The ship moved to the Fleet Training Group anchorage the morning of 28 September intending to pick up observers and then proceed to sea after hot checks on the plant; however, unsatisfactory safety checks on No.2 Feed Pump, forced the ship to remain at anchorage. Significant training was conducted while at anchorage including exercise of numerous ship's emergency bills and many drills that required the ship to be at general quarters. The ship got underway late in the week for underway training; however, valuable training time and scheduled services were lost due to the delay. The second week of IRFT was much more successful. BROOKE successfully fired a surface-to-air

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missile (the second this year). The firing was evaluated as a hit with the missile passing within 9 FT of the BQM target drone. Due to training time lost because of the Main Feed Pump casualty, the IRFT was downgraded to a training assist.

The remainder of October was spent preparing for BROOKE's first major fleet exercise in almost three years, KERNAL USHER 1-88, which was scheduled 2 - 18 November. The Gunnersmates and Operations Specialists attended Naval Gunfire Support (NGFS) school the week of 26 October in preparation for at sea NGFS. SIMA, San Diego and ship's force worked diligently to repair No.2 Main Feed Pump prior to the exercise, but were unsuccessful, consequently BROOKE joined midway through the exercise. BROOKE gained much needed multi-ship operation experience during KERNAL USHER 1-88.

The ship returned from sea 18 November and spent the next 4 days completing final preparations for the COMNAVSURFPAC annual 3M Inspection. The inspection was conducted 23 - 25 November and BROOKE received a grade of "satisfactory" scoring high in all areas. BROOKE was underway again 2 - 6 December for extensive ECC training in preparation for OPPRE. The 7 - 14 December period was spent inport conducting final OPPRE preparations, and the inspection was conducted 15 - 16 December.

The following weekend, on 19 December, CDR Albert S. Paton was relieved by CDR John T. O. Martin as Commanding Officer, USS BROOKE. The ship concluded the remainder of 1987 in a holiday leave and upkeep period.

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