DEPARTMENT OF THE NAVY
COMMANDING OFFICER
USS CHICAGO (SSN 721)
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From: Commanding Officer, USS CHICAGO (SSN 721)
To: Chief of Naval Operations (NO9BH)

Subj: USS CHICAGO (SSN 721) COMMAND HISTORY FOR 1994

Ref: (a) OPNAVINST 5750.12E

Encl: (1) Command Composition and Organization
(2) Chronology
(3) Narrative
(4) Commanding Officer's Biography

1. As required by reference (a), enclosures (1) through (4) are submitted as the command history for USS CHICAGO (SSN 721) for calendar year 1994.

D. M. SCHUBERT

COMMAND COMPOSITION AND ORGANIZATION

1. Mission: The USS CHICAGO is a vertical launch capable 688 class Fast Attack submarine. The ship supports Anti-Submarine and Anti-Surface Warfare missions as well as land attack strike tasking, special forces, intelligence gathering and surveillance and mine warfare.

2. Organizational Structure: Commander, Submarine Squadron ELEVEN (ISIC).

3. Commanding Officer: CDR Stephen E. Johnson

4. Permanent duty station: San Diego, CA

CHRONOLOGY

01 JAN 94 - 21 JAN 94	INPORT GUAM - WESTPAC DEPLOYMENT UPKEEP
21 JAN 94 - 07 FEB 94	DEPLOYED OPERATIONS WESTPAC
07 FEB 94 - 17 FEB 94	INPORT YOKOSUKA, JAPAN - WESTPAC UPKEEP
17 FEB 94 - 15 MAR 94	DEPLOYED OPERATIONS WESTPAC
15 MAR 94 - 17 MAR 94	ENROUTE OKINAWA, JAPAN
17 MAR 94 - 18 MAR 94	INPORT OKINAWA, JAPAN
18 MAR 94 - 03 MAY 94	DEPLOYED OPERATIONS WESTPAC
03 MAY 94 - 06 MAY 94	INPORT PEARL HARBOR, HI - PORT VISIT
06 MAY 94 - 12 MAY 94	TRANSIT TO SAN DIEGO, CA.
12 MAY 94 - 13 JUN 94	INPORT SAN DIEGO, CA. - POST DEPLOYMENT STAND DOWN
13 JUN 94 - 16 JUN 94	LOCAL OPERATIONS SOCAL OP AREAS
13 JUN 94 - 27 JUN 94	INPORT SAN DIEGO, CA.
27 JUN 94 - 30 JUN 94	LOCAL OPERATIONS SOCAL OP AREAS
30 JUN 94 - 04 AUG 94	INPORT SAN DIEGO, CA. - UPKEEP
04 AUG 94 - 09 AUG 94	LOCAL OPERATIONS SOCAL OP AREAS
09 AUG 94 - 15 AUG 94	INPORT SAN DIEGO, CA.
16 AUG 94 - 23 AUG 94	SOCAL OP AREAS - TACTICAL READINESS EVALUATION
24 AUG 94 - 01 SEP 94	INPORT SAN DIEGO, CA.
01 SEP 94 - 17 NOV 94	DRY DOCK, SAN DIEGO, CA. SRA - BQQ-5E/CCS MK 2 INSTALL
17 NOV 94 - 31 DEC 94	INPORT SAN DIEGO, CA. SRA - BQQ-5E/CCS MK 2 INSTALL

NARRATIVE

During the period August to December 1994, USS CHICAGO underwent a three month Selected Restricted Availability (SRA) in which the ship was upgraded with the CCS MK2 Mod 1 Fire Control System, and the AN/BQQ-5E(V)3 and AN/WLR-9(B) EC-8 Sonar Systems. The sonar upgrades also included the installation of the OA-9070A Deployable Array Working Group, used for the deployment and retrieval of the TB-23 and TB-29 Thin Line Arrays. This installation, along with hardware and software updates to the AN/BQQ-5E, gave CHICAGO improved capabilities in Anti-Submarine Warfare against new generation submarines, both nuclear and diesel powered. The AN/UYK-43 computer subsystem was also installed, providing improved data storage and retrieval speeds for sonar data. To compliment the improved sonar capabilities, new and improved Control Display Consoles (CDC) were installed (the first such installation on a submarine in the Pacific Fleet) which provided color-capable monitors and touch-plasma operating panels. More important, these new display systems provided significant improvements in equipment reliability over previous generations of operator consoles.

The CCS MK2 Mod 1 Fire Control System upgrade provided significant improvements in both equipment hardware and operating software, contributing to better reliability, performance, and user friendly applications.

- Over the Horizon targeting was improved with the addition of a Generic Front-End Communications Processor (GFCP) and the new MK 130-1 Control and Display Consoles (CDC).
- The TAC-3 system provided for easier and better sonar search planning, organic sensor target motion analysis, torpedo preset generation, electronic plotting, and voyage planning.
- The MK 107 tactical weapon simulator provided the ability to simulate control of four weapons of any type at the same time, greatly improving the ability of the ship to train its weapons employment party in a variety of tactical scenarios.
- The CCS MK2 software provided the ship with a new periscope observation mode which greatly improved the ships ability to keep track of multiple contacts in a high contact density environment. The system also allows for a much larger number of contacts to be tracked in the system.