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From: Commanding Officer, USS ENTERPRISE (CVN 65)
To: Chief of Naval Operations (OP-05D2)

Subj: FORWARDING OF 1985 COMMAND HISTORY

Ref: (a) OPNAVINST 5750.12C

Encl: (1) ENTERPRISE 1985 Command History

1. In accordance with reference (a), enclosure (1) is forwarded.


R. J. SPANE

Copy to:
Director of Naval History
CINCPACFLT
COMNAVAIRPAC (Code 012)

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USS ENTERPRISE COMMAND HISTORY 1985

The highlight of 1985 for ENTERPRISE was preparation for a Seventh Fleet deployment to the Pacific and Indian Oceans as part of Battle Group FOXTROT. Composition of Battle Group Foxtrot during the work-ups included:

- USS ENTERPRISE (CVN-65)
- USS TRUXTUN (CGN-35)
- USS ARKANSAS (CGN-41)
- USS DAVID R. RAY (DD-971)
- USS O'BRIEN (DD-975)
- USS LEWIS B. PULLER (FFG-23)
- USS MCCLUSKY (FFG-41)
- USS BAGLEY (FF-1069)
- USS REASONER (FF-1063)
- USS SACRAMENTO (AOE-1)

The following is a chronological executive summary of the significant events during 1985:

ENTERPRISE was in port Alameda at the beginning of 1985, having returned from her eleventh deployment on 20 December 1984. ENTERPRISE remained in port Alameda for post-deployment stand-down during January and, subsequently, commenced a very ambitious and highly successful three month Ship's Restricted Availability (SRA) period. Numerous projects were completed and equipment upgrades were effected during this period. One tactical development at this time was the designation of a Strike Operations Center for coordination and planning of Battle Group FOXTROT strike missions.

On 2 May 1985, ENTERPRISE departed Alameda and transited to NOCAL OPAREAS, for independent steaming exercises (ISE) involving aircrew refresher training and Automatic Carrier Landing System (ACLS) certification. ENTERPRISE returned to Alameda on 8 May.

ENTERPRISE conducted its second at sea period in SOCAL from 22-29 May, where CVW-11 refresher training was the major objective.

ENTERPRISE's third at sea period of the year was from 5-20 June, during which time fleet replacement squadron and training command carrier qualification operations were conducted. ENTERPRISE completed an unprecedented 2481 catapult launches (1951 day, 530 night) and 2498 arrested landings (1963 day, 535 night) during the 16 operating days.

Refresher training (REFTRA) was the main objective of the 8-21 July at sea period, with Battle Flex Deck being the normal mode of flight operations. This was the first opportunity for ENTERPRISE and CVW-11 to work as a team in a simulated wartime environment since the previous deployment.

ENTERPRISE'S next at sea period was conducted 30 July-8 August in SOCAL, during which carrier/air wing operations were emphasized, including war at sea strikes, anti-air warfare defense power projection strikes and ASW.

ENTERPRISE conducted a "Peace in the Pacific" ceremony rehearsal cruise in San Francisco Bay on 13 August in preparation for the ceremonies scheduled for the next day. These ceremonies celebrated the fortieth anniversary of Japan's surrender (VJ Day) in World War II. Noted dignitaries included Vice President

George Bush, Secretary of Defense Casper Weinberger, Secretary of State George Schultz, the Chief of Naval Operations, the Commandant of the Marine Corps, and Mrs. McArthur (wife of General of the Army Douglas McArthur) as well as other Cabinet members and dignitaries. Additionally, Dependents' Day Cruise was held on 17 August near the Farallon Islands, just outside San Francisco Bay, which was highlighted by ship and CVW-11 aircraft performance demonstrations.

The second fleet replacement squadron/training command carrier operations period for the year was conducted 27 August through 7 September. This qualification period was even more successful than the first, having broken the previous record set in June, with 2775 catapult launches (2170 day, 605 night) and 2785 arrested landings (2178 day, 607 night) conducted during 12 operating days.

ENTERPRISE conducted four days of operations in SOCAL 23-27 September prior to entering San Diego for a four day port visit (27-30 September) which was greatly enjoyed by all hands.

From 1-11 October ENTERPRISE was again at sea engaged in COMPTUEX 86-1 (1 - 10 October), which included many multi-threat scenarios. ENTERPRISE used the Battle Flex Deck mode of air operations throughout this exercise. ENTERPRISE also participated in Fleet Week activities in San Francisco Bay on 12 October, including being the lead ship on the parade of ships passing under the "Golden Gate Bridge" before mooring at Alameda.

From 28 October through 23 November ENTERPRISE conducted its last at sea period of the year, operating in the SOCAL OPAREAS while participating in the Operational Readiness Evaluation (ORE), READIEX 86-1, and the Battle Group Evaluation (BGE). On 2 November, while operating south southwest of San Diego, ENTERPRISE struck a portion of "Bishop Rock." After evaluation of the damages caused to the hull, ENTERPRISE continued scheduled training, returning to Alameda on 23 November. Additionally, ENTERPRISE participated in INPORTEX 86-1 (29-31 October) while anchored off San Diego and conducted its Operational Reactor Safeguard Examination (ORSE) during the return transit to Alameda. ENTERPRISE concluded its scheduled training on time, completing a highly successful series of work-ups in preparation for its twelfth deployment.

ENTERPRISE was "deadsticked" to Hunters Point Naval Shipyard on 27 - 28 November for dry docking to repair the damaged hull. ENTERPRISE remained in dry dock through the end of 1985.

The Commanding Officer was Captain R. L. Leuschner, Jr., U.S. Navy.

Commander, Carrier Group THREE, Rear Admiral John R. Batzler, U.S. Navy, was embarked until 19 August at which time the embarked flag shifted to Commander Cruiser Destroyer Group THREE, Rear Admiral Jonathan T. Howe.

Carrier Air Wing ELEVEN (CVW-11), commanded by Captain D. L. Carroll, U. S. Navy was embarked. Captain Carroll was relieved by Commander D. S. Gladman on 23 October 1985.

Also embarked was Commander, Destroyer Squadron 23 under the command of Captain T. A. Barthold.

The following sections, listed alphabetically by department, provide a more detailed description of ENTERPRISE's activities in 1985. Carrier Air Wing ELEVEN's (CVW-11) Command History is included as the final section of this report.

I. AIR DEPARTMENT

1 JAN - 30 APR: From 1 January through 30 April, ENTERPRISE was in a Selected Restricted Availability (SRA) period. During this period, the overhaul or repair of numerous major Air Department equipment was conducted. Specifically, the work conducted on all catapults included draining, inspecting and cleaning all catapult hydraulic fluid gravity tanks, and installing improved steam cut-off switches. The power cylinders were lifted and the catapult trough components were inspected and overhauled on catapults 1, 3 and 4. All track covers on catapult 3 were replaced with reconditioned class "A" type track covers. Additionally, the constant runout valves on all arresting gear engines were disassembled and inspected and all arresting gear purchase cables were re-reeved. Arresting gear engines 2 and 3 engine sheaves were restacked. Interim service change 362 was complete to effect removal of all centerline arresting gear wire supports and the relocation of existing wire support assemblies. This service change significantly reduced aircraft bolter rates while eliminating the hazard of foreign object damage due to broken arresting gear wire supports.

2 MAY - 8 MAY: During the 5 days of flight operations during this ISE period, a total of 469 catapult launches (450 day, 19 night) and 451 arrested landings (434 day, 17 night) were conducted, with 686 aircraft moves conducted.

22 MAY - 29 MAY: 1134 catapult launches (809 day, 325 night) and 1101 arrested landings (785 day, 316 night) were conducted during this ISE period, with 1516 aircraft moves conducted. During the second May ISE period flight deck time was devoted primarily to the aircraft of CVW-11.

5 JUN - 20 JUN: ENTERPRISE conducted an unprecedented 2481 catapult launches (1951 day, 530 night) and 2498 arrested landings (1963 day, 535 night) during the 16 operating days at sea for Fleet Replacement Squadron/Training Command Carrier Qualifications. Deck time was provided to various air wings and squadrons to update their carrier qualifications. A total of 4610 aircraft moves were conducted.

8 JUL - 21 JUL: Battle Flex Deck (BFD), during Refresher Training (REFTRA), was the normal mode of operations. During 12 operating days, a total of 1434 catapult launches (1001 day, 433 night) and 1459 arrested landings (1010 day, 449 night) and 3156 aircraft moves were conducted.

30 JUL - 8 AUG: During this 10 days of Battle Flex Deck operations, 792 catapult launches (501 day, 291 night) and 826 arrested landings (524 day, 302 night) and 2431 aircraft moves were accomplished.

27 AUG - 7 SEP: This second Fleet Replacement Squadron/Training Command Carrier Qualifications period improved on the unprecedented record set by the

previous refresher/carrier qualification period by accomplishing a total of 2775 catapult launches (2170 day, 605 night) and 2785 arrested landings (2178 day, 607 night) during 12 operating days. Additionally, 4356 aircraft moves were completed. Various west coast squadrons and air wings qualified a total of 372 pilots during this period.

27 SEP - 11 OCT: During this at sea period, ENTERPRISE completed 598 catapult launches (363 day, 235 night) and 627 arrested landings (375 day, 252 night) while refreshing 17 pilots and 881 catapult launches (638 day, 243 night) and 894 arrested landings (642 day, 252 night) were accomplished during COMPTUEX 86-1. A total of 3848 aircraft moves were completed during this entire period.

28 OCT - 23 NOV: Operational Readiness Evaluation (ORE)/READIEX/Battle Group Evaluation (BGE). On 2 November, while operating off San Diego, ENTERPRISE was involved in a grounding incident in the vicinity of "Bishop Rock," which resulted in the loss of the use of 24 JP-5 storage tanks. During this entire sea period ENTERPRISE conducted 1582 catapult launches (930 day, 652 night) and 1603 arrested landings (942 day, 661 night) and 3876 aircraft moves were accomplished.

27 NOV - 31 DEC: Repair work was completed on the 24 damaged tanks and piping during this drydock period. Additionally, the power cylinders on catapult one were lifted and aligned.

ANNUAL STATISTICS:

A. Embarked Flight Hours:

1. Fixed wing, days: 7836
2. Fixed wing, nights: 4405
3. Helo, days: 1379
4. Helo, nights: 745

B. Catapult Launches/Arrested Landings, day: 8813/8853

C. Catapult Launches/Arrested Landings, night: 3333/3391

D. Helo Launches/Landings, day: 650/650

E. Helo Launches/Landings, night: 325/325

F. Aircraft moves:

1. Hangar Bay: 3543
2. Flight Deck: 20,938

G. Issued 8,921,878 gallons of JP-5 to aircraft

H. Received 7,810,884 gallons of JP-5

II. AIRCRAFT INTERMEDIATE MAINTENANCE DEPARTMENT (AIMD)

JAN: Commenced training for the 1986 deployment (80% turnover of personnel). EA-6B vans were off-loaded for conversion to the EA-6B ICAP II program.

FEB: Commenced major rework of the USM-405 Hats Test Bench.

CDR [REDACTED] relieved CDR [REDACTED] as the AIMD officer.

APR: Wang Computer support was disestablished and a major reorganization of production control was commenced in accordance with OPNAVINST 4790.2C. EA-6B van unloaded and ICAP II support commenced.

MAY: Full air wing support capability commenced five months ahead of the normal schedule associated with shipboard AIMD's.

JUN: The Nalcomis Repairables Maintenance Management (NRMM) system was installed and training initiated.

JUL: AIMD supported REFTRA with 4300 inductions and an RFI rate of 74%.

SEP: The New Electronic Warfare Test Set (NEWTS) was installed.

OCT: Two product improvement initiatives were completed: the power conditions for VAST and relocation of the CAT IIID(V2).

NOV: Supported Air Wing ELEVEN and battle group aircraft by processing 10,400 items with a 77.8% RFI rate. AIMD received the highest grade (97.5%) ever given by the COMNAVAIRPAC Aviation Maintenance Inspection Team. AIMD demonstrated its depot level repair capability by repairing an E-2C's port tail rudder, returning a valuable aircraft to service.

III. COMMUNICATIONS DEPARTMENT

JAN - APR: During SRA-85 the message center was reconfigured to allow more efficient traffic flow processing. Additionally, the existing prototype Single Audio System (SAS) was replaced by a newer production model and departmental spaces underwent restoration and preservation. The SSQ-88 Quality Control System was installed in Radio Central.

MAY: Returned to normal operations with initiation of preparations and training for WESTPAC work-ups. Conducted HF termination with NAVCOMMSTA Stockton, California in support of independent steaming during the 021100Z-081700Z and 221800Z-281700Z time frames.

JUN: Continued work-ups. Conducted HF termination with NAVCOMMSTA Stockton 050001Z-190001Z while conducting Carrier Qualification operations.

JUL: Completed REFTRA with the Communications Department receiving a grade of "outstanding." The Communications Department also received a grade of "outstanding" during the command inspection conducted by COMCARGRU THREE.

AUG: Provided communications support for Vice President Bush and the White House Communications Agency during the Peace in the Pacific Celebration conducted in San Francisco Bay 14 August.

SEP/OCT: Work-ups continued. Conducted long haul HF termination with NAVCAMS EASTPAC and provided communications support for COMPTUEX 86-1.

NOV: Provided communication support during READIEX 86-1, conducting HF termination with NAVCOMMSTA Stockton during the period 050001Z-262359Z. Received a grade of "excellent" during the Operational Readiness Evaluation (ORE).

DEC: The DAMA satellite multiplexing system installation was completed and tested. Final antenna maintenance and restoration of signal bridge spaces in preparation for upcoming deployment was completed.

IV. DECK DEPARTMENT

JAN - APR: Deck Department conducted extensive preservation on ship's sides, island structure, sponsons and interior spaces during SRA. Additionally, both utility boats, the 40 foot personnel boat and the Captain's Gig were overhauled. Weight testing on major equipment was accomplished.

MAY: Conducted five successful man-overboard drills and five underway replenishments, with one accompanied emergency breakaway. LCDR [REDACTED] relieved LCDR [REDACTED] as First Lieutenant on 13 May.

JUN: Continued training in preparation for REFTRA by conducting additional man-overboard drills and three underway cargo and refueling exercises, which were completed with an overall grade of 100%.

JUL: Participated in REFTRA, successfully completing six man-overboard drills; two manila highline transfers; two provision transfers; three RAS underway replenishments; one RAS fuel delivery; three emergency breakaways; and, four precision anchorings. The final grade was 96% for an overall adjective grade of "outstanding."

AUG: A departmental spray team painted over 150 interior ship's spaces, as well as external sides in preparation for ENTERPRISE'S hosting of the "Peace in the Pacific" ceremonies. Deck provided side boys and an Honors Boatswain's mate for the ceremony. Deck Department also conducted two self-graded precision anchorages in San Francisco Harbor, two man-overboard drills, and two underway refueling exercises, one of which included an emergency breakaway. An actual man-overboard was recovered with the ship's motor whale boat in less than 15 minutes.

SEP: During the 27 September to 1 October 1985 port visit to San Diego, Deck Department provided convenient, inexpensive boat transportation across San Diego Bay 19 hours per day through use of ENTERPRISE'S utility boats. Conducted three man-overboard drills and three alongside replenishments.

OCT: Conducted two underway replenishments with USS WABASH and USS SACRAMENTO, receiving in excess of 750,000 gallons of fuel on 4 and 6 October. During the underway replenishment with USS WABASH, 115 pallets of stores, repair parts and ammunition were also transferred. On 6 October ENTERPRISE refueled USS O'BRIEN with 32,000 gallons of fuel in one hour. Deck Department also conducted an all night underway replenishment with USS KAWISHIWI, utilizing three stations and employing slackline, double robb/stream and single probe/stream hookups resulting in receiving 875,000 gallons of fuel in under three hours.

NOV: An underway rearming evolution with USS FLINT was conducted on 4 November utilizing manila highline and vertical replenishment transfers. USS

SACRAMENTO transferred 1,217,000 gallons of fuel to ENTERPRISE, employing two stations in four hours on 5 and 6 November. Further, ENTERPRISE conducted a two station refueling with USS SACRAMENTO on 12 November, transferring 200,000 gallons of JP-5. Two scheduled man-overboard drills were completed on 1 and 8 November, and an abandon ship drill was conducted on 10 November during general quarters. Deck received an overall grade of 97% on the shipboard administration and material inspection. Operational Readiness Evaluation resulted in a grade of "outstanding." Deck provided safety boat service for divers inspecting the hull damage following ENTERPRISE's grounding on 2 November. Two anchorings off San Clemente Island were conducted in order to facilitate hull inspection with additional open ocean inspections, for a total of 25 inspection dives. A total of 260 pallets of munitions were off loaded during an all night connected replenishment in preparation for drydocking, and Deck Department successfully executed drydock line handling on 28 November, Thanksgiving Day.

DEC: Commenced POM period 5 December with Deck Department fully employed by in port watch standing and night and weekend liberty boat shuttle service across San Francisco Bay. The ship's utility boats, Captain's Gig and Admiral's Barge supplemented commercial ferry services. Extensive work was completed during Hunter's Point shipyard, including manufacturing new H frames for accommodation ladders, weight testing of major equipment, rebricking of the starboard incinerator and major renovation of the Captain's Gig and Admiral's Barge. At the end of the calendar year, personnel readiness was at an all-time high.

V. DENTAL DEPARTMENT

The ENTERPRISE Dental Department provided the full spectrum of dental care to ship's company, embarked air wing and staff personnel throughout work-ups, REFTRA and SRA. Dental Department personnel also played key roles in organization and management of Battle Dressing Stations, support of Mass Casualty Drills and Walking Blood Bank. Specific 1985 accomplishments include:

Major renovation of Prosthetic Laboratory area to accommodate installation of new mini-cast machine.

Introduction and integration of the Zenith 100 Computer, Diablo 630 Printer and Okidata U83A Printer into all phases of departmental functions. The Dental Department has updated and entered all administrative forms and letters, ship's personnel dental records, and supply reorder levels to computer disks.

An aggressive Preventive Dentistry Program has been pursued, bringing increases in the dental readiness of ship's company personnel to 80% prior to the 1986 WESTPAC deployment.

VI. ENGINEERING DEPARTMENT

AUXILIARY DIVISION:

JAN-MAR: All work centers were involved in SRA/SFOMS 85. The hydraulics shop completed S/A 6750 and replaced all cellulube with FRYQUIL, a less toxic hydraulic fluid. The machine shop fully supported SFOMS for all divisions on the ship and supplied personnel on a TAD basis to run and operate a COMNAVAIRPAC funded valve repair facility. With technical assistance provided by NAVSEA, the air group overhauled number 5 elliot LPAC. The 02N2 group repacked the forward 02N2 plant and performed desiccant change outs in both plants. Ship's force personnel overhauled the number 5 HPAC. All work centers successfully completed SFOMS 85.

MAR-NOV: "A" division successfully completed sea trials, REFTRA, a COMNAVAIRPAC 3M inspection, a command inspection and an Operational Reactor Safeguards Examination (ORSE). The diesel shop passed a diesel inspection in October with all 4 diesels passing with no major discrepancies. The catapult shop successfully supported ORE and several CQ operations with no down time. A CASREP was written on the steam supply and drain system in order to document a wide variety of system failures. The machine shop performed a wide variety of emergency repairs to the main feed booster pumps, main condensate pumps, auxiliary turbine condensate pumps and reboiler feed pumps. The machine shop also handled several emergency repairs for ships in the battle group during ORE 85, supporting the MOTU 65 concept. Most notable was the manufacture of twelve 10 inch studs for a destroyer superheater outlet flange.

NOV-DEC: "A" division supported the "dead stick move" from NAS Alameda to Hunter's Point Shipyard by running all four EDGs continuously for approximately 48 hours. A great deal of maintenance was performed during POM 85 with overhaul of the number one and two elevator locks and the number three elevator's stanchion system. Service steam supply and drain systems were overhauled, eliminating a great number of system deficiencies and leaks. The boat and aircraft crane was recabled and weight tested. Number 2 HPAC was overhauled by a contractor. Both elliot LPAC hagan control boards were overhauled with technical representative assistance. All liquid oxygen and nitrogen pumps were overhauled by the manufacturer. A new gaseous nitrogen generating plant (SNIGS) was installed.

ELECTRICAL DIVISION:

JAN: Circuit "K" shipalts were installed in 1, 2 and 4 plants. Repaired and adjusted various 400HZ aircraft starting stations. Ship's force commenced SRA 85.

FEB: SIMA overhauled the #1 10KW MG set. Ship's force personnel completed the overhaul of circuit "FZ." Various 400VAC outlets in the hangar bay and catwalks were also overhauled.

MAR: "E" division assisted NARF in upgrading the visual landing aids controls. Ship's force personnel overhauled all gyrocompass synch-amps. Various pieces of equipment were rewired including the 1000 T connection box

for the Dimension 2000 (J-dial) system and all motors and controllers for #4 evaporator. The 21MC and 22MC systems were overhauled.

APR: Overhauls were performed on the 12MC system, the degaussing MG sets and numerous JP-5 fueling/defueling stations, service pumps and stripping pumps. E division also troubleshot, repaired, adjusted and replaced various 28 VDC rectifiers throughout the ship.

MAY: E division made electrical repairs following a fire in the #2 catapult room. Ship's force personnel also overhauled the pilot's elevator and E division refurbished all the main feed booster pump and main condensate pump controllers. Passed the Defense Nuclear Security Inspection and Nuclear Technical Proficiency Inspection with a grade of "excellent."

JUN: Rewound the burned motor of the number 19 firepump. Made repairs to the number one "K" circuit. Overhauled the dead reckoning tracer in the Combat Direction Center.

JUL: Completed REFTRA with no divisional DCPO discrepancies. Ship's force troubleshot and repaired grounds in 19MC and 24MC systems and weapons elevator #15 upper stage.

AUG: E division brought numerous damage control sound-powered phone circuits to full operational status. On a command administrative inspection, the division received a grade of "outstanding." The test equipment accountability system was upgraded following a loss of numerous items over the previous two year period.

SEP: The entire E division training and qualification program was upgraded. The rotating beacons on the flight deck were refurbished.

OCT: CPR training was provided for 48 E division personnel. Ship's force repaired the hoist mechanism for the underwater log.

NOV: Completed the Operational Reactor Safeguards Examination (ORSE) with an overall grade of "above average." The 26MC system was overhauled. E division rebuilt the port side shore power boxes in preparation for drydocking.

DEC: E division provided electrical support for contractor personnel during the drydock period. Ship's force personnel overhauled the forward and aft gyrocompasses and the wind speed/direction circuits. Contractor repairs were conducted on the Impressed Current Cathodic Protection System and the island elevator.

MACHINERY DIVISION:

JAN: SRA-85 in progress. Major overhaul of 2MS-V10 including blueing, repacking and changing all seals was initiated. 4B MFP was rebuilt by ship's force. Number 3 main and number 8 SSTG air ejector nozzles were replaced.

FEB: The overhaul of 2MS-V10 was completed. Number 10 fire pump was overhauled along with 4C MCP and 3A and 3B pneumatic air compressors. A repair activity replaced the poppets and seats on #4 main engine and replaced the drive gear on #4 jacking gear.

MAR: Rebuilt pumps, including 2B MCP, 2C MFBP and #3 SSTG circulating water pump. Mare Island Naval Shipyard (MINSY) completed installation of new seats and poppets on #3HP turbine nozzle block. Repaired cracked air box on #3 main condenser was repaired. Replaced 4D spring.

APR: Performed a SAT hydro on the main steam system in #2 MMR. Overhauled pumps including 2C MCP, #2 AMCW pump, #4 SSTG circulating water pump and #4 RFTP. MINSY completed the overhaul of #3 MCWP turbine and reduction gears.

MAY: A hot condenser occurred during the light off of #1 main engine, resulting in a stem/disk separation of the #1 MCWP suction gate valve. Subsequently, the valve was repaired by ship's force. During the following underway period, sea water tube leaks were discovered in #1 main condenser, and 11 tubes were identified as leaking and were plugged. Rebuilt #7 SSTG condensate pump. Replaced 4E spring bearing by a repair activity.

JUN: Overhauled #2 bilge and stripping pump. Inspected #11 fire pump internal parts, resulting in the replacement of mechanical seals and pump bearings. Discovered leaks in #3 and #4 evaporator air ejector condenser tubes.

JUL: Ship's force overhauled 2A MCP, 4B MCP, #1 and #2 reboiler feed pumps. Continental Maritime completed overhaul of 3A MFP turbine and replaced the labyrinths in #3 SSTG. Replaced #11 fire pump auxiliary gland exhaust cutout valve.

AUG: 1A MFP air motor malfunctioned and was subsequently repaired by ship's force. M division personnel overhauled #7 SSTG circ water pump, 2A MFP, #4 SSTG condensate pump and the lube oil purifier in #4 MMR. Continental Maritime replaced 3C MFP steam inlet piping. Ship's force rebuilt the 50# intermittent steam reducer inlet valve.

SEP: 1MS-V10 seating surface was machined by an outside contractor due to excessive leakage. Ship's force replaced the 100# laundry reducer in #3 MMR. The SLOP governor in #2 MMR was found to be steam-cut and was repaired. CASREP was submitted on #8 TDFP due to a bent shaft and an undercut impellor.

OCT: Overhauled the #4 AMCW pump. A CASREP was submitted due to JP-5 leakage into potable water tank 8-37-1W. Leaks on #2 feed heater tubes were also discovered.

NOV: The #1 screw received extensive damage as a result of the 2 November grounding. All plants concentrated on overall plant preservation, maintenance, painting and cleanliness. Received an overall grade of "above average" on Operational Reactor Safeguards Exam (ORSE). Experienced loose reduction gears on #4 MCWP. The #6 TDFP was inoperative due to a wiped bearing, and repair remains pending.

DEC: Overhauled 2C MFP turbine and 4C MCP, which received a new rotating assembly. A CASREP was submitted on the #4 HP turbine for receipt of new oil deflectors. The #4 bilge and stripping pump was overhauled by the USS SAMUEL GOMPERS. The #1, #2 and #5 evaporator air ejectors were retubed and the #3 and #5 fuel oil transfer pumps were overhauled.

DC/R DIVISION:

JAN-MAR: Commenced FY86 SRA with the majority of DCR division work directed toward support of various repairs to the propulsion plants and preservation of tanks and voids. Additionally, initiated a shipalt installing the AFFF transfer system.

APRIL: Supported NDT inspections of weld repair work, gearing up for the upcoming REFTRA.

MAY: Completed the CNAP flight deck certification of the AFFF system with only minor discrepancies. Along with conducting sea trials, the DC organization performed its first General Quarters drills since the last deployment.

JUN: Successfully completed the Training Readiness Evaluation (TRE). DCR division personnel completed hydroblast school and began hydroblasting the ship's CHT system.

JUL: Satisfactorily passed REFTRA including YOKE and ZEBRA checks. GQ drills emphasized major conflagration and NBC defense during this period.

AUG: Replaced the main drain valve, main drain manifold and CHT piping. At sea, GQ drills were conducted to augment the training received at the various fire fighting schools.

SEP-DEC: Successfully completed ORE. During the grounding of 2 November 1985, counter-flooded void and controlled flooding, saving the ship and allowing operations to continue. Subsequent repairs were accomplished during upkeep and

POM work, including replacement of main drain valves and manifolds and CHT piping.

VII. EXECUTIVE DEPARTMENT

A. CHAPLAIN:

1. RELIGIOUS MINISTRY:

a. GENERAL: Catholic Chaplain CDR [REDACTED] was relieved by Catholic Chaplain CDR [REDACTED], on 26 October. Junior Protestant Chaplain LT [REDACTED] was relieved by LTJG [REDACTED] in December. Catholic and Protestant divine services were conducted in port and at sea on both Sundays and weekdays. Three Sunday masses (one Saturday afternoon), and two Protestant services were conducted each Sunday at sea. Pastoral and personal counseling, pre-marriage and sacramental instructions were conducted. At sea each Chaplain spent two hours per day visiting the men in their work places. Daily visits to the sick bay and the brig were conducted when at sea, and weekly visits to the Naval Hospital at Oakland and the CCU at Treasure Island were routinely conducted. Also, the Chaplains participated in four pre-deployment briefings for ENTERPRISE dependents.

b. OTHER FAITH GROUPS: Other religious and faith groups which have been assisted by the Chaplains included Jewish, Latter Day Saints, Emmanuel Apostolic Church and the Church of Christ.

c. MEMORIAL SERVICES: Chaplain [REDACTED] held a memorial service in the forecastle for EM2 Steven Nimmons of E division.

d. BURIALS AT SEA: Three burials were conducted during this period.

2. BATTLE GROUP SUPPORT: The Chaplains provided divine worship service to Battle Group FOXTROT ships as conditions permitted.

3. COLLATERAL SERVICES:

a. LIBRARY/CREW'S LOUNGE: The Chaplains operated and maintained the ship's five thousand volume lending and reference library, with its adjoining reading and writing lounge. The library is equipped with subscriptions to 50 magazines and has facilities for the crew to tape a "Cassette Letter" home. Normal working hours were 0800 to 2200.

b. AMERICAN RED CROSS: Message notification for 247 cases were handled.

c. NAVY RELIEF: Twenty-six cases were handled and \$11,850 was loaned from Navy Relief funds during this period.

d. CHAPEL FUND: \$661.64 received from collections at sea were distributed to charitable causes.

4. ADMIN/MATERIAL:

a. OFFICER PERSONNEL: The command religious program was manned by

three Chaplains, the senior a CDR, the juniors a LCDR and LT, including one Catholic and two Protestant Chaplains.

b. ENLISTED PERSONNEL: One RP1, two RP2's and two RP3's made up the enlisted team.

c. SPACES: The command religious program was conducted utilizing the Chaplain's office, the ship's forecandle, the library, and the crew's lounge.

B. PUBLIC AFFAIRS OFFICE:

1. PUBLICATIONS:

During 1985, The Public Affairs Staff published a daily newspaper during at sea periods. The ship's magazine, the "Big E," continued to be published on a quarterly basis. A dependents' cruise information guide and a program for Diablo Symphony Orchestra's "Salute to America" concert were designed by Public Affairs Division personnel.

2. PERSONNEL:

ENS [REDACTED] assumed duties of radio & TV officer, replacing ENS [REDACTED].

3. PRESS RELEASES:

ENTERPRISE issued press releases concerning special events bimonthly, highlighting significant noteworthy events of crewmembers and departments, as well as special events involving ENTERPRISE. ENTERPRISE hosted a two-man Navy Public Affairs Center, San Diego, photo-journalist team. Their embarkation resulted in more than 30 expanded hometown photofeature stories being published about the officers and men of ENTERPRISE in hometown papers.

4. SIGNIFICANT EVENTS:

a. In August 1985, ENTERPRISE planned and executed the "Peace in the Pacific" ceremony which took place in San Francisco Bay. The event gained high level media attention. Among the distinguished visitors were Vice President George Bush, Secretary of State George Shultz, Secretary of Defense Caspar Weinberger and Chief of Naval Operations James Watkins, the Secretary of Energy, Commandant of the Marines Corps, Commandant of the Coast Guard, Mrs. Douglas MacArthur and Ambassador Shirley Temple Black.

b. ENTERPRISE also hosted the production staff of Paramount Pictures and associated actors for the filming of the movie "Top Gun." At sea carrier filming was accomplished aboard ENTERPRISE.

5. NEWS MEDIA COVERAGE:

Several articles were written about ENTERPRISE and her personnel during 1985. Among the most noted were:

a. A San Francisco Examiner feature comparing the ship to the city.

b. A Hayward Daily Review feature about the role of chaplains on a big ship.

c. NAS Alameda base newspaper, "The Carrier," provided front-page coverage on the opening of ENTERPRISE Park.

d. KGO-TV (ABC-TV affiliate) of San Francisco provided coverage of the ENTERPRISE Wheelchair football game vs. Mills High School.

e. Also extensive local, national and international coverage of the "Peace in the Pacific" ceremony.

6. ENTERPRISE Radio/TV: KENT-TV attained three-channel capability in 1985 to enhance production capabilities with 24-hour daily at sea programming. KENT-TV also provided video coverage of shipboard events. ENTERPRISE radio, with its two stations, offers a variety of music to the crew. KCVN is ENTERPRISE's country and western station and KRUZ offers pop, contemporary and top 40 music.

7. DISTINGUISHED VISITORS: ENTERPRISE hosted a multitude of distinguished visitors and VIPS. The bulk of visitors were in direct support of COMNAVAIRPAC's Distinguished Visitors Program. These VIP's represented professional businessmen, educators, defense contractors, journalists, retired military personnel and centers of influence (see enclosure (1)). Among the most noteworthy were:

Senator Arlen Specter (R-PA) of Senate Appropriations Committee; Rear Admiral Walker, COMNAVSUPSCOM; Rear Admiral Kohn, COMUSNAVPAC; LTGEN Abu Taleb, COS, Jordan Armed Forces; members of Naval Staff College & Inter-American Defense College; CINCPACFLT; COMTHIRDFLT; COMNAVAIRPAC; COMNAVPACNEVFALPAC; Argentinian delegation escorted by State Department representatives; and Lee Horsley, TV's Matt Houston.

8. PREDEPLOYMENT BRIEFS: The ship also conducted predeployment briefs for families and crewmembers of ENTERPRISE including dissemination of an information booklet.

9. CONCERT: Two groups of musicians used the ENTERPRISE as their centerpiece for entertaining the crew. The Diablo Symphony Orchestra performed its "Salute to America" concert 30 June. The Navy Show Band West also performed aboard ENTERPRISE.

10. FLEET HOME TOWN NEWS: ENTERPRISE continued to participate in the Fleet Home Town News program, resulting in thousands of press releases sent to hometown newspapers of ENTERPRISE crewmembers.

11. TOURS: ENTERPRISE hosted more than 5,000 visitors during her in port periods. Visitors were given welcome aboard brochures as well as a 45-minute tour of the "Big E." Visitors included 200 members of the USS LEXINGTON (CV-2) reunion, who held a dinner meeting aboard the ship following tours.

12. CORRESPONDENCE: During 1985 the Public Affairs Office handled more than 650 letters requesting information about the ENTERPRISE; of that number, approximately 430 desired photographs, ball caps and other memorabilia.

13. HOLIDAYS: ENTERPRISE crewmen participated in the "Home for the

Holidays" program sponsored by NAS Alameda Family Services Center and Alameda Chamber of Commerce that invited military men and women to homes of local residents for Thanksgiving and Christmas.

C. BRIG:

1. The Brig staff is manned in the following manner: Three individuals are permanently assigned with one MAC functioning as the Brig Supervisor, one ABH1, with NEC 9516 (Corrections Counselor), functioning as the Brig Counselor and Administrative Supervisor, and one MA1, with NEC 9548 (Corrections Specialist), functioning as the Operations Supervisor. In addition, 15 personnel are assigned TAD (12 ship's company and three airwing). All assigned air wing and ship's company personnel receive two weeks of extensive classroom training on board ENTERPRISE, with on-the-job training conducted aboard ship. The guard staff also received training on a daily basis. Prisoners received individual and group counseling aimed at identifying those individuals with potential for continued productive service, and readying those being discharged for return to civilian society.

2. From 1 October, the Brig confined a total of 64 prisoners. A statistical breakdown of prisoners is as follows:

Bread and Water:	41	Special Court-Martial:	00
Summary Court-Martial:	23	Pre-trial Confinement:	00

Ethnic Groups:

White:	36
Black:	21
Other:	07

By Department:

Air:	09	REA:	00	AIMD:	05
COMM:	05	SAF:	00	DECK:	11
SUPP:	10	ENG:	06	WEAPS:	06
EXEC:	03	CVW-11:	06	MED:	00
NAV:	00	OPS:	01	USS MOUNT HOOD:	01
				USS MUANA KEA:	01

Recidivism rate for 1 October 1985 to 14 January 1986: .03%

Transferred to another Brig/Facility: 07

Total days spent in confinement during this period: 739

D. LEGAL:

1. MILITARY JUSTICE: During this period 26 cases were disposed of at special courts-martial; 17 of them resulted in the accused receiving a Bad Conduct Discharge in addition to forfeitures, brig time and reductions in rate. Four Article 32 pre-trial investigations were completed during this period, of which only two were referred to trial by general courts-martial. These cases were tried by a team from the Naval Legal Service Office, San Francisco. Eighty-three cases were disposed at summary courts-martial. The

Discipline Officer processed in excess of 1247 report chits, of which 536 individuals appeared at non-judicial punishment. The Captain held mast on 73 occasions during this period.

2. LEGAL ASSISTANCE: The Legal Officer and Assistant Legal Officer saw 1684 clients during the year covering assistance in divorce, tax law, landlord tenant problems, etc. In excess of 771 notarial acts were performed by the Legal Officer and Assistant Legal Officer. In addition, two legal assistance attorneys from the Naval Legal Service Office, San Francisco prepared Wills and Powers of Attorneys for the crew prior to deployment.

3. CLAIMS: Approximately 100 claims were processed for crew members who were victims of larcenies of their personal property in their lockers or damage attributed to flooding or other damage resulting from acts beyond their immediate control. Extensive publication of warnings to the crew by the Chief Master-at-Arms resulted in a low number of claims being presented.

4. PERSONNEL MATTERS: LCDR [REDACTED], JAGC, relieved LCDR [REDACTED], JAGC, as the ship's Staff Judge Advocate.

VIII. MARINE DETACHMENT

JAN: After completing a WESTPAC deployment on 20 December 1984, the detachment stood down during the January 1985 leave period.

FEB-APR: During February, March and April, the detachment was involved in the ship's Selected Restricted Availability (SRA) and Ship's Force Organizational Maintenance System (SFOMS). This period was devoted to the upgrading and refurbishing of assigned spaces and equipment.

MAR: The Marine Detachment regualified with the service rifle and pistol 11-20 March, with 100% of the detachment successfully regualifying.

MAY-JUN: From 13-18 May, the detachment was inspected as part of the Defense Nuclear Security Inspection, with the detachment's security capability assigned grade of "excellent." From 31 May-1 June, the detachment was inspected by a Nuclear Technical Proficiency Inspection team, receiving a grade of "outstanding." On 13-14 June, the detachment was administered the Essential Subject Test. Marines failing to show required proficiency in any area were given additional instruction and training. Famfire was conducted during June with the M16 rifle, .45 cal pistol, M870 shotgun and M60 machinegun.

JUL: An IGM inspection was conducted 24 July. The unit did not receive a grade below "average" in any functional area. The IGM team head inspector made noteworthy comments on the command's enthusiasm and high morale. The inspection also provided an opportunity for the command to address several topics concerning the utilization of MARDET security forces by the Navy chain of command and Marine Corps/Navy relations in general.

AUG: The MARDET represented the Marine Corps as an Honor Platoon for "Peace in the Pacific" ceremonies on 14 August.

OCT: From 13-21 October, 50% of the detachment conducted mountain warfare training at the Marine Corps Mountain Warfare Training Center, Bridgeport, California. The Marines were instructed in land navigation, patrolling, repelling, rope management and other mountain warfare techniques. The MARDET also acted as the aggressors for 1st Bn 8th Marines field exercise. On 13 October, First Lieutenant [REDACTED] replaced Captain [REDACTED] as the detachment executive officer.

NOV: The detachment celebrated the Marine Corps birthday on 10 November by having a traditional birthday meal in the officers' wardroom on ship. The ship's executive officer was the guest of honor.

DEC: On 12-13 December, the MARDET guard conducted familiarization firing with the .45 cal pistol, M16A1 rifle and M870 shotgun at Marine Barracks, Vallejo, California.

IX. MEDICAL DEPARTMENT

Prior to the 1986 deployment, inventories of all storerooms, battle dressing stations, stretchers and portable medical lockers were made. Additionally, over 4,500 shipboard personnel were trained in self-aid/buddy-aid utilizing lectures, POD notes and hands-on training.

The Medical Department received the following inspection grades during the year:

TRAINING READINESS EVALUATION	- EXCELLENT
NUCLEAR TECHNICAL PROFICIENCY INSPECTION	- EXCELLENT
ADMINISTRATIVE COMMAND INSPECTION	- EXCELLENT
OPERATIONAL REACTOR SAFEGUARDS EXAMINATION	- ABOVE AVERAGE
OPERATIONAL READINESS EVALUATION	- OUTSTANDING
MASS CASUALTY DRILL	- OUTSTANDING
COMNAVAIRPAC 3-M INSPECTION	- 99.3%

The following equipment was acquired during the year:

SPECTROPHOTOMETER, GILFORD STASAR III	-	INSTALLED MAY 1985
OPERATING ROOM TABLE, AMSCO	-	INSTALLED NOV 1985
BLOOD GAS ANALYZER, CORNING PH/158	-	INSTALLED MAY 1985
SODIUM/POTASSIUM ANALYZER, ORION 1020	-	INSTALLED APR 1985
STERILIZER, AMSCO EAGLE SERIES	-	INSTALLED DEC 1985
DEFIB-CARDIOSCOPE PHYSIO-CONTROL LIFEPAKs	-	ACQUIRED JUL 1985

STATISTICAL DATA:

LABORATORY TESTS	-	12,403
OUTPATIENT VISITS	-	14,090
INPATIENT VISITS	-	103
IMMUNIZATIONS	-	3,045
X-RAYS	-	5,675
EKG'S	-	235
AUDIOGRAMS	-	1,552
PHARMACY UNITS	-	16,820
PHYSICAL EXAMINATIONS	-	1,650
AUXILIARY SERVICES	-	25,218

X. NAVIGATION DEPARTMENT

1 JAN 85 - 2 MAY 85	ALAMEDA
2 MAY 85 - 8 MAY 85	NOCAL
8 MAY 85 - 22 MAY 85	ALAMEDA
22 MAY 85 - 29 MAY 85	SOCAL
29 MAY 85 - 5 JUN 85	ALAMEDA
5 JUN 85 - 20 JUN 85	SOCAL
20 JUN 85 - 8 JUL 85	ALAMEDA
8 JUL 85 - 21 JUL 85	SOCAL

21 JUL 85 - 30 JUL 85	ALAMEDA
30 JUL 85 - 8 AUG 85	SOCAL
8 AUG 85 - 13 AUG 85	ALAMEDA
13 AUG 85	SAN FRANCISCO BAY
	"PEACE IN THE PACIFIC"
	celebration practice.
14 AUG 85	SAN FRANCISCO BAY
	"PEACE IN THE PACIFIC"
	celebration.
14 AUG 85 - 17 AUG 85	ALAMEDA
17 AUG 85	SAN FRANCISCO BAY/ vicinity of Farallon Islands Dependents' Day Cruise
17 AUG 85 - 27 AUG 85	ALAMEDA
27 AUG 85 - 7 SEP 85	SOCAL
7 SEP 85 - 23 SEP 85	ALAMEDA
23 SEP 85 - 27 SEP 85	SOCAL
27 SEP 85 - 1 OCT 85	SAN DIEGO
1 OCT 85 - 11 OCT 85	SOCAL
11 OCT 85 - 28 OCT 85	ALAMEDA
28 OCT 85 - 23 NOV 85	SOCAL
23 NOV 85 - 27 NOV 85	ALAMEDA
27 NOV 85 - 28 NOV 85	ANCHORED San Francisco Bay
28 NOV 85 - 31 DEC 85	DRYDOCK Hunter's Point Shipyard

XI. OPERATIONS DEPARTMENT

COMBAT DIRECTION CENTER (CDC):

JAN - APR: ENTERPRISE was in a Selected Restricted Availability (SRA) period. During this time CDC personnel attended numerous AAW Team Trainers and individual schools in San Diego for general training and in preparation for upcoming at sea periods.

MAY: Two independent steaming exercises provided CDC personnel with an opportunity to get reacquainted with the at sea routine, while accomplishing the required sea trials and Automatic Carrier Landing System Certification and air wing Pilot Refresher.

JUN: CDC completed its training readiness evaluation (TRE) on 4 June in time to conduct Fleet Replacement Squadron and Training Command Squadron Carrier Qualifications from 5-20 June. Throughout the month training was continually conducted in Fire Fighting/General Damage Control and Medical Self-Aid and Buddy-Aid in preparation for the upcoming Refresher Training (REFTRA). An Advanced Team Trainer was completed 24-28 June.

JUL: REFTRA 8-21 July was the first opportunity for the ship to operate in a simulated hostile environment since returning from deployment. REFTRA allowed personnel of CDC and Air Wing ELEVEN to work as one cohesive unit while conducting anti-air, anti-surface and anti-submarine exercises. The last two days of the at sea period (19-20 July) were dedicated to Refresher Carrier Qualification for Air Wing NINE (USS KITTY HAWK air wing). On 30 July, ENTERPRISE went to sea for a Carrier/Air wing Operations Period.

AUG: ENTERPRISE/air wing operations continued until 8 Aug. All aspects of Carrier Warfare were exercised during this period: war at sea strikes, AAW defense, power projection strikes and ASW. Began another Fleet Replacement Squadron/Training Command Carrier Qualification Period on 27 August.

SEP: This CQ period was completed five days early, returning to port on 7 September after having completed 2665 traps. In preparation for COMPTUEX, an ASW Team Trainer was conducted from 17-18 September, followed by an air wing pilot refresher period from 23-27 September.

OCT: COMPTUEX was conducted from 1-10 October, with around-the-clock operations revolving around a multi-threat scenario including such events as CIWS firing, NATO Sea Sparrow Missile shoot, war at sea strikes, opposed sortie from San Diego, AAW grid exercises, coordinated ASW and long range power projection strikes. An ASW Team Trainer was conducted 23-24 October in San Diego. In conjunction with other units of Battle Group FOXTROT, ENTERPRISE participated in INPORTEX 86-1 (29-31 October).

NOV: November started with a short pilot refresher period before conducting ORE from 2-5 November. READIEX 86-1 began immediately following ORE. READIEX 86-1 included multiple threats and exercises involving terrorist aircraft, "Busy Observer" flights, choke point transits, combat SAR, close air support, anti-air, anti-surface, anti-submarine, power projection strikes to California

bombing ranges, and mining readiness certification, all of which were conducted during READIEX. Participated in Battle Group Evaluation 18-21 November. All of these evolutions were completed in exemplary fashion, reflecting combined teamwork of Air Wing ELEVEN and ENTERPRISE.

INTELLIGENCE CENTER (CVIC):

A number of significant equipment and material changes were made in CVIC during 1985, including the acquisition of new or improved Intelligence related systems. Renovated and preserved of virtually all existing spaces and acquired a new space for the Intelligence Library. Major renovation occurred in the Afloat Correlation Center (SUPPLOT) during SRA, which included dramatic alteration of Flag spaces in conjunction with installation of Increment I of the TFOC SHIPALT. This ambitious plan was successfully completed in record time.

Special projects during the year saw the validation of the use of the NAV-P/SMQ-10 transmission path for FIST operations. ENTERPRISE is now the only CV(N) configured to receive compartmented FIST imagery via this transmission mode. The NIPS computer system was modified to include the NIPS "A" and "B" configurations, allowing NIPS "A" to aid the Indications and Warning effort and provide a more responsive and supportive NIPS "B" system. Modifications to the Afloat Correlation Center included enlargement of its space, new air conditioning and lighting and installation of a NTDS console, CCSC and POST. A NIPS "A" terminal and printer were also installed and further improvements were realized in communications connectivity. Other significant accomplishments during 1985 included being assigned the highest ORE grade (98.7%) on board ENTERPRISE; a grade of "excellent" during the ADMAT inspection; and setting a new ORE "Hot Print" records for TARPS photography of four minutes and 32 seconds from time of F-14 trap on deck until the hot print was delivered to the observer.

STRIKE OPERATIONS CENTER:

JAN-APR: From 1 January through 30 April, ENTERPRISE was in a Selected Restricted Availability (SRA) period. During this time, the concept of a Strike Operations Center (SOC) was developed and Strike Operations completed office renovations to ensure better incorporation into the ENTERPRISE command and control structure. This concept extensively integrated Strike Operations into the planning and execution of each major evolution. The Strike Operations Center was also structured to carry out the duties of the Air Resources Element Coordinator ('ALPHA ROMEO') during at sea periods. The Strike Operations Center functioned as the Ship's Dock Trials (22-26 April) and Fast Cruise (29 April) Coordinator.

MAY: The month of May included two at sea periods (2-8 May and 22-29 May). These Independent Steaming Exercises provided an opportunity for ENTERPRISE to accomplish the required sea trials, Automatic Carrier Landing System certification, air wing pilot refresher and ammunition on load.

JUN: On 4 June, ENTERPRISE completed its Training Readiness Evaluation (TRE). From 5-20 June, ENTERPRISE was at sea conducting Fleet Replacement

Squadron/Training Command Carrier Qualifications. This period was also spent conducting unit training in preparation for the upcoming Refresher Training (REFTRA). An advanced Team Trainer was completed 24-28 June.

JUL: ENTERPRISE's Refresher Training was carried out from 8-20 July. This evolution was the first opportunity since December 1984 for the ship to operate in a simulated hostile environment. During this period, the ENTERPRISE/Air Wing ELEVEN team worked together to complete anti-air, anti-surface and anti-submarine exercises. A practice Nuclear Operational Readiness Exercise was also conducted. The last two days of the at sea period (19-20 July) were dedicated to Carrier Air Wing NINE Refresher/Carrier Qualifications. On 30 July ENTERPRISE went to sea for a carrier/air wing operations period.

AUG: ENTERPRISE/air wing operations continued until 8 August. Numerous war at sea strikes and AAW defense exercises were completed along with power projection strikes to inland targets. Upon returning to port, ENTERPRISE completed preparations for the "Peace in Pacific" ceremonies. A rehearsal was conducted on 13 August and the actual ceremony took place 14 August on board ENTERPRISE in San Francisco Bay. Dependents' Day Cruise was completed on 17 August. On 27 August, ENTERPRISE went to sea again for a second fleet replacement squadron/training command carrier qualifications.

SEP: This refresher/carrier qualification period was completed five days earlier (returned to NAS Alameda on 7 September) than scheduled, with a total of 2665 traps. As a warm-up for COMPTUEX 86-1, ENTERPRISE/Air Wing ELEVEN went to sea from 23 to 27 September and conducted pilot refresher operations. On 27 September, ENTERPRISE entered port in San Diego for a four day visit.

OCT: On 1 October, ENTERPRISE departed San Diego and participated in COMPTUEX 86-1 until 10 October. The exercise revolved around a multi-threat scenario. Some of the events included: opposed sortie from San Diego, CIWS firing, NATO Sea Sparrow missile shoot, war at sea strikes, AAW grid exercises, coordinated ASW and long range power projection strikes. During COMPTUEX 86-1, WEPTRAEX was conducted from 6-10 October and the Pre-MRCI was completed on 5 October. In order to prepare for ORE and maintain proficiency, a Nuclear Operational Readiness Exercise (NOREX) was conducted on 10 October. Following the completion of COMPTUEX, ENTERPRISE transited north from the Southern California Operation Area (SOCAL) and participated in Fleet Week in the San Francisco Bay area. On 28 October, ENTERPRISE was underway enroute an anchorage off San Diego. While at anchor and in conjunction with the other units of Battle Group FOXTROT, ENTERPRISE participated in INPORTEX 86-1 (29-31 October).

NOV: Following INPORTEX 86-1 and a short period of air wing pilot refresher, ENTERPRISE conducted its Operational Readiness Evaluation (ORE) from 2-5 November. On 2 November, while operating off San Diego, ENTERPRISE was involved in a grounding incident in the vicinity of "Bishop Rock." Following a one day stand down to assess the damage to the ship, ENTERPRISE continued with ORE. Vice Admiral Moranville, Commander Third Fleet, and staff, were on board 5-7 November. At the completion of ORE (5 November) ENTERPRISE began

READIEX 86-1. During this evolution ENTERPRISE encountered multiple threats including: terrorist aircraft, "Busy Observer" flights, choke point transits, combat search and rescue, close air support, anti-air, anti-surface and anti-submarine exercises. Power projection strikes were conducted into SHOBA, Twenty-Nine Palms, NAS Fallon, Shade Tree, Chocolate Mountain and Leech Lake. The Mining Readiness Certification Inspection (MRCI) was completed on 10 November. Incorporated within READIEX, the Battle Group Evaluation (BGE) was conducted 18-21 November. The completion of BGE was followed immediately by the Operational Reactor Safeguard Examination (ORSE). Each of these evolutions were completed with outstanding success and ENTERPRISE returned to port on 23 November.

DEC: ENTERPRISE remained in drydock at Hunter's Point throughout the month of December. Vice Admiral Service, Commander Naval Air Forces Pacific Fleet, was on board ENTERPRISE 11 December. Vice Admiral Moranville, Commander Third Fleet, visited ENTERPRISE on 13 December.

XII. SAFETY DEPARTMENT

JAN-MAR: (SRA) The Safety Department led the way in fire prevention during the SRA with extensive weekly inspections of all spaces being conducted in order to monitor contractor compliance with the safety/fire aspects of their contracts.

APR: Passed COMNAVAIRPAC 3M inspection with perfect marks.

APR-JUN: Prepared for REFTRA. All E-6s and members of the Damage Control Evaluation Team (DCET) assisted other departments in their preparations. Gave extensive training to Air Dept/V-1 personnel on flight deck safety.

JUL-SEP: Passed REFTRA with adjective grade of "outstanding" (numerical grade 99%).

SEP-DEC: Passed ORE with adjective grade of "outstanding" (numerical grade 97.5%). During the drydock period the department again led the way in fire prevention and conducted daily inspections of all work locations.

XIII. SUPPLY DEPARTMENT

JAN-MAR: Immediately following the completion of a successful Western Pacific/Indian Ocean deployment, the Supply Department initiated the first of several major steps which were required to build a foundation for the next deployment. The Stock Control (S-1), Aviation Support (S-6) and Material (S-8) Divisions, with support from FALSC personnel, completed a wall-to-wall inventory of more than 13,000 aviation repairable items. The entire effort was

completed in less than 20 days with a 99.5% accuracy rate. Additionally, more than 6300 Q-COSAL line items, dedicated nuclear reactor repair parts, were inventoried by the S-1 division with a 99% accuracy rate. Ambitious modernization programs were initiated in nearly all Supply Department spaces during the SRA period which commenced in January. To improve food service facilities, both the General Mess and Wardroom received a variety of new equipment and completed minor rehab work. In the General Mess galleys, new griddles, copper steam kettles and serving lines were installed. In both Wardroom I and II, new overheads, wall coverings, sideboards, counter tops and table covers were installed. Wardroom II lounge also received new carpeting and new paintings to enhance the decor. The Disbursing Office underwent a major remodeling effort because of lost space due to the Shipboard Non-Tactical Automated Processing Project (SNAP) I "B" configuration computer installation. Sixteen modular desk units were installed along with additional vertical storage space cabinets. The Data Processing (S-7) Division installed the SNAP I "B" configuration computer system. This installation required alteration of the computer space to make room for three additional Honeywell mini-computers. Additionally, 73 terminals and 45 printers were added to bring computer services to the customer in the form of SUADPS Real Time (R/T) and the Nalcommis Repairables Management Module System (NRMMS). Finally, during SRA, the Material Division restored and repainted over 75% of the 55 storeroom spaces.

APR-JUN: The beginning of April brought the Navy-wide transition of Aviation Depot Level Repairables (AV-DLRs) to the Navy Stock Fund. This effort involved the on board processing of more than 110,000 SUADPS record changes which transpired smoothly and quickly. The first major step in on board customer oriented computers occurred with the implementation of the SUADPS R/T, making ENTERPRISE the first PACFLT carrier to institute the internal Material Requisition (MRI) function. In addition to speeding up customer pick-up of material, inventory and financial record maintenance can be accomplished much more effectively. In the Disbursing (S-4) Division, a newly developed automated travel claim processing program was initiated. This system, which is a test program provided by COMNAVAIRPAC, allows travel claim processing by Disbursing in 2-5 days. In May, the S-6 Division attended the AVCAL Quality Review Conference (AQRC) at ASO. Utilizing performance and repair data accumulated from the previous deployment, they successfully computed and submitted over 1500 Allowance Change Requests (ACR'S) for repairable items. The new AVCAL features a test of the Multi-Item Multi-Echelon (MIME) sparing technique which is intended to increase readiness levels 13% above the standard AVCAL sparing method without increasing the dollar value. To prepare for "Ready Carrier" date in late July, the Food Service Division coordinated with DSR PAC Alameda to attain deployment levels of provisioning. Deployment levels were achieved in late June through massive provision on loads commencing in late May and continuing throughout June 1985.

JUL-SEP: Commander [REDACTED], SC, USN relieved Captain D. A. Tarantino, SC, USN as Supply Officer on 17 July 1985. The new AVCAL aids, which reflected the efforts of the AQRC, were received and implemented in July. As a result of new AVCAL range and depth requirements, more than 21,000 requisitions, valued at \$62 million, were initiated by the S-1 Division and passed off-station. The new AVCAL also yielded a significant amount of excess material. The S-8 Division off-loaded more than 200 line items in a one week period, reducing excess material on hand by more than \$30 million. In the midst of a busy

operating schedule and pre-deployment preparations, the Food Service (S-2) and Wardroom (S-5) Divisions hosted one of the most ambitious celebrations ever undertaken by a carrier. A reception and luncheon in commemoration of the 40th Anniversary of Peace in the Pacific (VJ Day) was prepared for over 1200 guests, including the Vice President of the United States, the Secretary of Defense, the Chief of Naval Operations, numerous flag rank officers from all military services and more than 20 Medal of Honor recipients. The food service events were resounding successes. Beginning in August, the crew's barbershop and officer/CPO barbershop received major facelifts. Renovations included a complete redesigning of the physical layout complete with new chairs, overheads, decks, sanitary facilities and bulkhead coverings. The second major step in bringing on board computer services to the customer occurred with the implementation of the NRMMS (Phase I) software system. NRMMS gives over 40 AIMD, squadron and S-6 work centers improved access to data pertinent to items in the repair cycle and interchangeable/substitution information, as well as improving the ability of the S-6 Division to manage and track on hand stock assets. A new Q-COSAL was received from SPCC and implemented by the S-1 Division. More than 140 new reactor support items were brought into stock. The ship's combined OPTARS, totaling over \$17 million, were accurately closed out under budget limits and reported to COMNAVAIRPAC at the end of fiscal year 1985.

OCT-DEC: Reordering and loading of material for deployment commenced in earnest. Aviation and surface support "never-out" lists were brought to deployment levels. Liaison with USS SACRAMENTO, which was to deploy with ENTERPRISE, was established for additional logistic support. As a result, more than 100 dedicated line items were added to SACRAMENTO's deck load. In the midst of the deployment preparation, the S-1, S-6 and S-8 Divisions implemented COMNAVAIRPAC's Inventory Accuracy Directive Number One. All repair related functions, including ordering, receiving, stowing and expediting, were centralized under the S-6 Division. The S-4 Division underwent an inspection by the Navy Audit Service with no major discrepancies noted. The S-7 Division implemented the software for the Logistics Support Center (LSC). Upon total implementation, the LSC will provide enhanced surface support through integration and automation of the COSAL, Summary of Effective APL's (SOEAPL), tech manuals, and the ship's Baseline Equipment Configuration. With the implementation of the peacetime officer berthing criteria for deploying carriers, major renovations were accomplished in officer berthing during this period. A total of fifty-five staterooms received TYCOM furnished lockers, desks and racks to comply with CNO habitability standards. Thirty-eight two man staterooms were converted to three man rooms and seventeen six man bunkrooms were converted to eight man rooms. Major renovations were completed and new equipment was installed in the General Mess and Wardroom during the last quarter. The forward and aft mess decks were retiled, the aft galley, VPR, butcher shop and both aft scullery decks were resurfaced with terrazzo. Sixteen convection ovens, four deep fat fryers, two pizza ovens and a pots and pan washer were installed. All equipment installations were completed to replace worn and obsolete equipment prior to deployment. The CPO Mess and galley received a complete renovation which was long overdue. Funded by COMNAVAIRPAC, nearly \$500,000 was obligated to renovate the lounge, dining area and galley spaces. Following a heavy operating schedule in November in support of READIEX 86, ENTERPRISE entered Hunter's Point Dry Dock for emergent repairs during the POM period. The Supply Department overcame seemingly insurmountable logistical obstacles to efficiently and effectively load out nearly 2 million pounds of provisions, direct turnover and stock material in

record time.

XIV. TRAINING DEPARTMENT

The turnaround between deployments for ENTERPRISE was extremely successful and busy for the Training Department. The department scheduled, coordinated and executed all off-ship training during the year. In accomplishing this task, Training obtained over 8,000 quotas for courses of instruction which included over 1100 shipboard firefighting quotas, 450 aircraft firefighting quotas, numerous damage control school quotas, combat team trainers, and many other quotas for job and professional related courses.

The Educational Services Office (ESO) served the educational needs of the crew by providing them with a myriad of educational services. In addition to administering college entrance and high school equivalency examinations, the division assisted over 50 crewmen in beginning Navy correspondence courses and helped over 15 crewmen submit applications to Navy commissioning programs through BOOST, MCP, ECP and OCS. Functional skills courses were conducted in the fall with over 50 crewmen completing courses in math, writing and reading. In preparation for the 1986 WESTPAC deployment, the ESO coordinated an assessment of the overall educational requirements of ENTERPRISE personnel. This assessment focused upon the creation of a comprehensive non-military education program based upon actual crew needs with a goal of enhancing professional capabilities.

The Advancements Division administered advancement examinations to over 1800 ENTERPRISE personnel during the spring and fall examination cycles and 1400 crewmen were given leadership examinations. The Advancements Division also prepared supporting documents to advance over 800 crewmen during the year. The Indoctrination Division provided continuing training in the form of the Ship's Indoctrination Course for 700 newly reported personnel and Petty Officer Indoctrination Academy for 200 newly advanced Third Class Petty Officers. Additionally, 125 ENTERPRISE petty officers received Refresher Indoctrination. The Career Counselor Division performed superbly during the year as ENTERPRISE charged forward in competition to become the first nuclear aircraft carrier to win the coveted "Golden Anchor" Award. The year was highlighted by multiple reenlistments held on the Fourth of July, the Fortieth Anniversary of "Peace in the Pacific" and on ENTERPRISE's 24th birthday. Overall, 356 ENTERPRISE crewmen reenlisted for an annual gross retention rate of 42%, up from 34% in 1984.

Special Services Division conducted an energetic recreation program that affected all members of the crew. This program was highlighted by several major events, which included ENTERPRISE Days at Candlestick Park, Great America Amusement Park, a San Diego port visit, a highly innovative "Quarter Night" at the NAS Alameda Recreational Center, and an overall comprehensive athletic program. The ship's gym was upgraded and the video cassette library expanded. Sales of ENTERPRISE prints, ENTERPRISE models, and 1984 cruise tapes were well received by the crew.

Noteworthy Events Included the following:

JAN-APR: Managed the "SRA Turnaround Training Plan."

MAY: Special Services Division organized an "ENTERPRISE Day at Candlestick Park" for a baseball game between the San Francisco Giants and Chicago Cubs which nearly 2000 crewmen were able to attend. Forty NROTC and Naval Academy Midshipmen arrived for their First and Third Class Cruises.

JUN: The Training Department tracked all Training and Readiness Evaluations discrepancies (TRE was held on 5 June) as they were corrected in preparation for REFTRA. Twenty-seven midshipmen arrived to begin their summer cruise.

JUL: Training served as liaison between ENTERPRISE and Fleet Training Group during Refresher Training. Forty-five crewmen were reenlisted by the Commanding Officer during an impressive ceremony held on the flight deck on the Fourth of July. Special Services conducted a highly praised "Quarter Night" in the Recreation Center NAS Alameda. Petty Officer Academy completed the Training of 183 new Third Class Petty Officers, culminating in a frocking ceremony held on the Hangar Bay.

AUG: Training coordinated all bands, tours, television coverage, reenlistments and ushering during the nation's celebration of the 40th Anniversary of "Peace in the Pacific," which was held on board ENTERPRISE on 14 August. During this ceremony 11 crewmen were reenlisted by Vice-President George Bush.

SEP: Special Services organized and made available a broad menu of activities, tours, and discounts for the San Diego port visit. ESO commenced the Functional Skills Program.

OCT: Special Services coordinated the highly successful "ENTERPRISE Day at Marriott's Great America Park." Over 2000 crewmen and their families attended this event.

NOV: Reenlisted 18 crewmen on ENTERPRISE'S 24th Birthday. Conducted a series of leadership exams for over 200 personnel. Special Services coordinated "Combined Federal Campaign Bingo," which raised over \$11,800 for the campaign.

Dec: ESO coordinated with Navy Campus for Achievement to conduct an assessment of personnel educational requirements.

XV. WEAPONS DEPARTMENT

G-1 DIVISION:

AUG: Conducted two ordnance on-loads. Executed a 19 gun salute for "Peace in

the Pacific" commemoration ceremony.

OCT: Passed Shipboard Explosive Safety Inspection.

NOV: Passed COMNAVAIRPAC Weapons Safety Assistance Team (WSAT) inspection. Operational Readiness Exercise was graded 100%.

G-2 DIVISION:

JAN: The G-2 Division was split, with G-2 now responsible for the flight deck, while G-4 is responsible for the elevators, yellow gear, and O2N2 plant. Bomb jettison ramps had SHIPALT installed.

MAY: Conducted 458 AMMO VERTREP lifts.

JUL: Supported VF-213 MISSELEX.

AUG: Supported VX-5 on A CNO's Project for development of new 2.75 inch rockets.

SEP: Successfully completed War-At-Sea Exercise (WASEX).

OCT: Successfully completed Weapon Training Exercise (WEPTRAEX).

NOV: Successfully completed: ORE, Mine Readiness Certification Inspection (MRCI), WASEX, and Winchester Alerts. Conducted 900 lift ammunition off-load.

G-3 DIVISION:

JAN: Conducted upkeep and refurbishment of all magazines and spaces during SRA.

MAY: 26 personnel were TAD to Fallon in support of CVW-11 operations.

JUN: TYCOM 3-M inspection was graded "outstanding."

JUL: REFTRA was graded "outstanding."

AUG: Supported suitability test for Bigeye Weapon.

SEP: Commander Naval Air Pacific (CNAP) conducted a Weapon Safety Team visit.

OCT: Conducted mine package on-load. Passed Naval Sea Center Pacific (NAVSEACENPAC) magazine inspection.

NOV: MRCI was graded "satisfactory."

G-4 DIVISION:

JAN: G-4 Division was established.

FEB: Stern brakes and high speed stop switches were installed on four (4)

weapons elevators.

MAR: Stern brakes and high speed stop switches were installed on five (5) weapons elevators.

APR: Stern brakes and high speed stop switches installed on five (5) weapons elevators.

W-DIVISION:

MAR: Successfully completed Nuclear Weapons Training Group Pacific (NWTGP) formal course of instruction for CV Refresher Training (K-644-9013).

APR: Successfully completed NWTGP Team Training course of instruction (K-644-9043).

MAY: Successfully completed NWTGP formal course of instruction CV Refresher Training (K-644-9043). Received a grade of "satisfactory" for a Defense Nuclear Surety Inspection (DNSI). Received a grade of "satisfactory" for a Navy Technical Proficiency Inspection (NTPI).

JUL: Supported CVW-11 through Bomb Dummy Units (BDU) proficiency loads (PROLOADS) on three separate occasions.

AUG: Air Wing supported with BDU proloads on three separate occasions.

SEP: Air Wing supported with BDU proloads on one occasion.

OCT: Successfully completed Nuclear Operational Readiness Exercise (NOREX).

NOV: Successfully completed NOREX.

DEC: Explosive ordnance detachment was established on board in order to conduct inspection of hull damage suffered by ENTERPRISE on 2 November. Twenty-five dives, encompassing 400 man hours, were expended for evaluation of the hull damage. Three-hundred and sixty photographs were taken for evaluation purposes. The diver was also tasked to investigate underwater damage to USS PULLER (FFG-23).

XVI. CARRIER AIR WING 11 (CVW-11)

Carrier Air Wing 11, commanded by Commander Dennis S. Gladman, was comprised of the following squadrons and aircraft:

Two Fighter Squadrons, (VF-114 and VF-213) flying the F-14A "Tomcat"; two Light Attack Squadrons (VA-94 and VA-22) flying the A-7E "Corsair II"; one Medium Attack Squadron (VA-95) flying the A-6E "Intruder"; one Electronic Warfare Squadron (VAQ-133) flying the EA-6B "Prowler"; one Carrier Airborne Early Warning Squadron (VAW-117) flying the E-2C "Hawkeye" and two Antisubmarine Squadrons (VS-21 and HS-6) flying the S-3A "Viking" and SH-3H "Sea King," respectively.

After returning from a highly successful seven month Indian Ocean and Western Pacific deployment in December 1984, Air Wing 11 began a year long turnaround/training cycle highlighted by the following events during 1985:

January: Post-deployment stand down. VAQ-133 begins transition to the ICAP II EA-6B Prowler aircraft. All squadrons begin an intensive turnaround training plan. VA-94 wins an unprecedented number of awards including: The Rear Admiral Clarence Wade McClusky Award; the CNO Safety Award; The LTJG Bruce Carrier Award; and the Pacific Fleet Battle "E" Award. VAW-117 wins: The CNO Safety Award; The AEW Excellence Award; the Pacific Fleet Battle "E" Award; and the Meritorious Unit Commendation.

February: VF-213 sends two aircraft to NAS Fallon to assist in the certification process of the new TACTS range. HS-6 drops 12 exercise torpedos in support of a Naval Oceanographic Systems Command (NOSC) project.

March: Air Wing participates in Kernel Usher. VF-213 sends a gunnery detachment to NAF El Centro. VS-21 receives the highly prestigious Battle "E".

April: VF-213 sends a detachment to Nellis Air Force Base for Fighter Weapons School. Air Wing participates in COMPTUEX 85-4 Orange Air Support. VA-22 sends a detachment to NAS Fallon for further TACTS range evaluation. VS-21 sends a detachment to Nanoose, Canada for multiple torpedo drops.

May: Entire Air Wing detaches to NAS Fallon for a two week weapons exercise. VS-21 becomes the first VS squadron to fly the TACTS pod on the S-3A Viking. For the first time since last deployment, air wing carrier qualifies day and night aboard ENTERPRISE. Air Wing participates in READIEX 85-2 as Orange air support.

June: VF-213, VF-114 and VAW-117 participated in Kernel Usher 85-3 and Hey Rube 85-3 exercises. VF-114 and VF-213 participate in "FAST" (Fleet Air Superiority Training).

July: Entire air wing deploys aboard ENTERPRISE for refresher training and SOCAL air operations. VAQ-133 rejoins the air wing with new ICAP II aircraft. VF-213 and VF-114 participate in Project Rising Fighter.

August: VF-114 and VAW-117 send a detachment to MCAS Yuma for FFARP (Fleet Fighter ACM Readiness Program) training. Air Wing ELEVEN demonstrated its impressive air power during an airshow in support of the "Peace in the Pacific" celebration, overhead ENTERPRISE, anchored in San Francisco Bay. Dependents and members of the Air Wing board ENTERPRISE for a day long "Dependents' Day Cruise". HS-6 sends a detachment aboard the USS KINKAID (DD-965) for extended Northern Pacific ASW operations.

September: VF-213 and VAW-117 send a detachment to MCAS Yuma for FFARP training. Air Wing and ENTERPRISE join Battle Group FOXTROT for integrated battle group tactical training in San Diego (IBGTT). The Air Wing deploys aboard ENTERPRISE for COMPTUEX 86-1.

October: Air Wing completes COMPTUEX 86-1. During a change of command ceremony, held at Naval Air Station Miramar, Commander Dennis S. Gladman relieves Captain David L. Carroll as Commander, Carrier Air Wing 11.

November: Air Wing 11 deploys aboard ENTERPRISE for a highly successful Operational Readiness Evaluation (ORE) followed by participation in READIEX 86-1 and the Battle Group Evaluation (BGE).

December: Air Wing 11 enjoyed an extended preparation for overseas movement (POM) period prior to deployment.