



DEPARTMENT OF THE NAVY
USS DWIGHT D. EISENHOWER (CVN 69)
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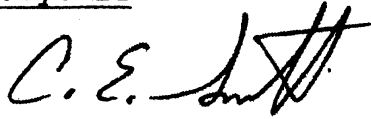
From: Commanding Officer, USS DWIGHT D. EISENHOWER (CVN 69)
To: Director, Naval Historical Center

Subj: COMMAND HISTORY FOR CALENDAR YEAR 2004

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Encl: (1) Command History for Calendar Year 2004

1. Per reference (a), enclosure (1) is forwarded. Point of contact is LCDR Carla McCarthy, Comm: (757) 445-6081. Email address is: pao@eisenhower.navy.mil


C. E. SMITH

Copy to:
PAO

USS DWIGHT D. EISENHOWER (CVN 69)
COMMAND HISTORY

1 JANUARY – 31 DECEMBER 2004

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SUPPORTING DOCUMENTS:

Biography of RADM H. D. STARLING II, COMNAVAIRLANT
Biography of CAPT C. E. SMITH, Commanding Officer
Photograph of USS DWIGHT D. EISENHOWER (CVN 69)

COMMAND COMPOSITION AND ORGANIZATION:

I. Mission of USS DWIGHT D. EISENHOWER (CVN 69)

The mission of USS DWIGHT D. EISENHOWER (CVN 69) is to provide sea-based tactical air power for defense of America's right to freedom of the seas, as well as the protection of United States sovereignty. IKE is capable of projecting tactical air power over sea and land. Along with its Strike Group and Air Wing, IKE is fully capable of accomplishing the Navy portion of a Joint-Service or Allied mission in one or more of the following areas:

- a. Joint Littoral Warfare
- b. Joint Strike
- c. Joint Surveillance
- d. Joint SEW/Intelligence
- e. Strategic Deterrence
- f. Strategic Sealift/Protection

II. Background

Named after the 34th President of the United States, USS DWIGHT D. EISENHOWER (CVN 69) is the third nuclear-powered aircraft carrier ever built and the second of the NIMITZ class.

The keel of the ship, as Hull 599, was laid by the Newport News Shipbuilding and Dry Dock Company on August 15, 1970, and was authenticated by the late president's grandson, D. David Eisenhower II. Five years later, Mrs. Mamie Doud Eisenhower, widow of President Eisenhower, and the ship's sponsor, christened the ship during launching ceremonies on October 11, 1975.

USS DWIGHT D. EISENHOWER (CVN 69) was commissioned October 18, 1977, at Pier 12, Naval Station Norfolk, Va.

III. Organization and Structure

- a. Immediate Senior in Command is Commander, Naval Air Force, U.S. Atlantic Fleet (COMNAVAIRLANT), RADM H. D. STARLING, USN, whose biography is enclosed.
- b. The Commanding Officer is CAPT C. E. SMITH, USN, whose biography is enclosed.
- c. The Department Heads as of December 31, 2004 were:

ADMIN
AIMD
AIR
COMBAT SYSTEMS
DECK
DENTAL
ENGINEERING
LEGAL
MEDICAL

LCDR T. RAINWATER
CDR J. F. GILLIES
CDR M. E. REDDEN
LCDR S. J. FINNEY
CDR R. C. VALENTINE
CDR S. D. THOMAS
CDR T. J. CORRIGAN
LCDR S. M. MAIDA
LCDR W. W. DALITSCH

NAVIGATION
OPERATIONS
REACTOR
RELIGIOUS MINISTRY
SAFETY
SUPPLY
TRAINING
WEAPONS

CDR J. L. SOTHERLAND
CAPT R. VANDEN HEUVEL
CDR M. D. GENUNG
CDR J. K. CARTER
CDR N. C. NICKERSON
CDR R. L. BLACK
LCDR H. K. PAK
CDR D. VARNES

IV. Command Highlights

a. The hard work and dedication of "Team IKE" continued around the clock last year. Topside, down in the plant and throughout the decks aboard this ship, IKE warriors have proven their professionalism in every way. From the complete reassembly, testing and certification of all four catapults; the resurfacing of the flight deck and hangar bays; and the passing of Reactor Safeguard Exams, followed by the start-up of 2-Plant after being shut down for more than three years, the ship met many milestones in 2004. Coming close to the end of the mid-life Refueling Complex Overhaul (RCOH) in Northrop Grumman Newport News (NGNN) shipyard, the crew successfully passed Crew Certification, demonstrating that they are ready to take the ship to sea in 2005, "Combat Ready."

b. IKE won her sixth consecutive Commander, Atlantic Fleet Retention Excellence Award in 2004, beating the Atlantic Fleet's goal of retaining more than 52 percent of first-term enlistments and going below the maximum threshold of 20 percent attrition.

ADMINISTRATIVE
DEPARTMENT

Administrative Department

Tasked with providing administrative assistance to the Executive Officer, the department's diverse divisions are responsible for many service-related functions for the IKE crew. Comprised of four divisions with numerous work centers, the department handles all officer and enlisted service records, educational and advancement matters, and all shipboard print requirements. Public affairs support via the command website, a weekly newsletter, community relations projects, through press releases to local and national media outlets and inport tour coordination. Entertainment opportunities, fitness facilities and discounted coupons are provided through our Morale, Welfare and Recreation (MWR) division.

X-1 Division: CO Admin/XO Admin/Command Career Counselors

The Captain's Office consists of a Ship's Secretary, Assistant Ship's Secretary, two Yeoman and two Culinary Specialists who performed the following duties:

- Processed all command awards.
- Managed the Officer Sponsor Program.
- Processed all officer fitness reports.
- Prepared all correspondence for the CO.
- Maintained officer alpha and social rosters.
- Verified CO distribution control reports.
- Transferred and received all officers.
- Verified and processed all administration matters relating to officers.
- Tracked all officer promotions and associated paperwork.

XO Admin consists of five Yeomen who performed the following duties:

- Processed 400 leave requests.
- Produced 365 Plans of the Day.
- Proofread all correspondence for the XO.
- Generated the XO's daily schedule.
- Prepared and maintained directives for the command.
- Monitored yeoman training.
- Routed 10,000 correspondence items.
- Prepared command newsletters for mailing.
- Provided administrative support for the CMC.

The Command Career Counselor's Office processed approximately 450 reenlistment requests, 55 retirement requests, 47 officer program applications and numerous enlisted personnel action requests (1306/7s) for rating conversions, "A" Schools, PRD extensions and special programs. Additionally, the Career Counselor's active role helped the command to earn its sixth consecutive Retention Excellence Award in 2004.

X-2 Division: Personnel

- Maintained accurate accountability and verification of over 3,173 enlisted service records.
- Maintained an accurate EDVR for a command of over 3,173 enlisted Sailors.
- Maintained and completely revised the Command Sponsor Program.
- Processed 2,429 NSIPS and 2,206 RADM entries.
- Gained 1,321 new IKE Sailors.
- Transferred 550 personnel.
- Reenlisted 226 IKE Sailors.
- Separated 332 personnel.
- Processed 8,640 leave papers.
- Processed 938 ID cards and ID card applications.
- Processed 616 BAH single and dependent location requests.
- Processed 19,186 UMIDS/DJMS pay documents.
- Processed 23 Personnel Casualty Reports.

X-3 Division: Special Services (MWR)

IKE MWR is one of the most active MWR operations on the waterfront. Due to proactive planning by the ship during the RCOH period, IKE MWR was responsible for 14 major events during the year. Comprised of 28 temporary assigned personnel from various departments throughout the ship, this division was also responsible for maintaining fitness and recreation equipment worth more than \$400,000, daily tickets sales ranging from \$100 to \$3,000 in two locations, daily hot dog sales and more.

- Evaluated, developed and executed programs that met the recreation interests of approximately 3,200 crewmembers and 1,500 family members.
- In conjunction with Supply Department, coordinated a "1st Meal On Board" celebration to commemorate the opening of IKE's mess decks, in which Sailors enjoyed steak and shrimp, and won trivia prizes. (MARCH)
- Coordinated the first IKE Arena Racing Night at the Norfolk Scope, with a race between USS DWIGHT D EISENHOWER and USS HARRY S TRUMAN, in which IKE's Executive Officer was victorious against USS HARRY S TRUMAN'S Air Boss. (MARCH)
- Coordinated two IKE Hockey Nights at a Norfolk Admirals hockey game at the Norfolk Scope. (MARCH)
- Assisted in the planning and implementation of the IKE Fishing Tournament in which nine two-man teams participated. (MAY)
- Coordinated a command-sponsored day at a Norfolk Tides' baseball game with 1,600 crewmembers and guests attending. Coordinated IKE's representation during the pre-game festivities of the Color Guard presenting the colors, as well as the CMC throwing the first pitch (JUNE).
- Opened the Aft Gym with a line of Hammer Strength equipment as the first in the line of four gyms for IKE after the shipyard period. (JULY)

- Coordinated an IKE Day at Busch Gardens in which approximately 700 crewmembers and guests attended. (JULY)
- Sold more than \$40,000 in ticket sales for the AIRLANT Paramount's Kings Dominion Day, with approximately 1,200 crewmembers and guests in attendance. (AUGUST)
- Set up an additional Paramount's Kings Dominion Day, for personnel on duty, with approximately 200 in attendance. (AUGUST)
- Coordinated the safe disassembly, transfer and re-assembly of approximately \$120,000 worth of fitness equipment from the GE Warehouse to the ship. (SEPTEMBER)
- Opened the Mezzanine Gym with a line of Nautilus Nitro equipment, worth approximately \$68,000. (SEPTEMBER)
- Organized the command picnic hosting some 5,000 crewmembers and guests with carnival games, food and music. (OCTOBER)
- Set up activities for the crew during the SAST (Simulated At Sea Training) cruise to include a movie in the hangar bay, sumo wrestling and an ice cream social with approximately 1,500 sailors in attendance. (OCTOBER)
- Set up activities for the crew during the SAST to include bouncy boxing, a movie in the hangar bay, and an ice cream social with approximately 1,500 crewmembers in attendance. (NOVEMBER)
- Responsible for setting up activities for the crew during the SAST to include a movie, caroling, "Pictures with Santa," and an ice cream social with approximately 1,500 crewmembers in attendance. (DECEMBER)
- The completion of the expansion gym 01-67-0-Q by the shipyard provided a home for eighteen treadmills, nine cross trainers, four bikes, four steppers, and two rowers totaling over \$300,000 worth of equipment. (DECEMBER)
- In conjunction with the First Class Association, coordinated the Children's Holiday Party for approximately 1,000 children and parents. (DECEMBER)

X-4 Division: Public Affairs/DAPA/Photo Lab/Print Shop

Public Affairs

IKE's Public Affairs team continues to take a proactive approach to internal communications and external information. The Public Affairs Office became fully operational this year in both print and broadcast, bringing to IKE state-of-the-art equipment to effectively meet the ship's informational needs.

- Completed a major overhaul of all Public Affairs spaces, to include tile, painting, lagging and other repairs necessary to bring the spaces back to habitability after being completely gutted during the RCOH.
- Purchased, installed and brought into operation more than \$120,000 worth of electronic equipment for television and radio operations.
- Completed the successful on load and installation of the Shipboard Information Training and Entertainment system, the ship's TV system.
- Reinstated the Navy Motion Picture Service library on board, storing almost 800 tapes to be played for the crew's entertainment.
- The *Five Star Newsletter* published 50 editions, with more than 800 copies per week, and printed more than 40,000 total copies in 2004. The *Five Star Newsletter* is one of the

command's premiere communication venues, bringing the latest news and information to the crew.

- IKE's Public Affairs team adapted more than 60 internal news articles for release to external publications including *The Flagship*, *The Virginian Pilot*, *The Daily Press*, *Naval Aviation News*, *Navy Times*, *Soundings* and for publication on the online *Navy NewsStand*.
- In keeping with the Chief of Information's vision for a more visual presentation of Navy news, revitalized the ship's Photo Release program, releasing more than 100 stand-alone photos to *Navy NewsStand* and various other publications throughout the fleet, more than double what was released in 2003.
- IKE's Public Affairs Office provided up-to-date information to the public through the timely management of the command website. The website, www02.clf.navy.mil/eisenhower/, received an average of approximately 300 visitors weekly.
- Developed, managed and continuously updated the Commanding Officer's brief to the troops, ensuring the CO was able to communicate with every Sailor on board. The brief helped to ensure that IKE Sailors remain informed about the status of the ship in RCOH.
- Instituted a CO's Letter to Families, ensuring IKE family members were kept informed of news and events throughout the ship.
- IKE Public Affairs spearheaded partnerships with school district Abilene, Kansas, birthplace of President Eisenhower, the Eisenhower Library and multiple community service organizations.
- Sponsored the Virginian Pilot on board for a "progress during the shipyard period story." Additionally, sponsored The Daily Press for an IKE quality of life story at Huntington Hall before ship's company personnel moved back aboard the ship.
- Coordinated 16 Distinguished Visitor visits to the ship this year, to include: RADM Lindell G. Rutherford, USN (Ret), Operations Manager, Virginia Advanced Shipbuilding and Carrier Integration Center (two visits); ADM Fallon, CFFC; RADM Dwyer, PEO Carriers (two visits); Mr. William Schmitt, Naval Reactors (three visits); Ms. Allison Stiller, Assistant Secretary of Defense (Ships); ADM Bowman/RADM Zortman, NAVSEA/CNAL; Congressman J. Randy Forbes, U.S. House of Representatives-Virginia; Mr. Brian Persons, Deputy Program Executive Officer – Carriers (PEO-CVN); LT GEN Bob Hinson USAF (Ret), Northrop Grumman Corporate Lead Executives; The Honorable John J. Young, Jr., Assistant Secretary of the Navy (Research, Development and Acquisition); Rear Admiral H. Denby Starling II, Commander, Naval Air Force, U. S. Atlantic Fleet.

Drug and Alcohol Program Advisor (DAPA)

The Command DAPA is the primary advisor for alcohol and drug matters and is responsible to the CO for the management of the command's substance abuse program.

- Provides alcohol and drug program information in command orientation programs for newly reporting personnel.
- Advises the CO/XO as to whether specific instances of alcohol misuse not characterized as incidents should be referred to command level education, command counseling, or to medical screening.

- Tracks and ensures all command personnel receive appropriate drug and alcohol program training.
- Refers members who abuse alcohol, or who are suspected of abusing alcohol, to an appropriate medical facility for an evaluation by a medical officer or licensed independent practitioner.
- Provides a means for command or self-referral without risk of disciplinary action or career-ending implications for all members who have not incurred an incident, but are in need of alcohol counseling and/or treatment.
- Proactively monitors aftercare of members who have completed a treatment program.
- Protects the confidentiality of records, which contain information of the identity, diagnosis, prognosis, or treatment of individuals in a drug or alcohol abuse program as required by federal law.
- Ensures all reports and forms are properly completed and submits Drug and Alcohol Abuse Reports (DAAR) to the Alcohol and Drug Abuse Management Information Tracking System (ADMITS).
- Expeditiously obtains screenings and appropriate treatment, and restores to full duty those alcohol abusive/dependent members who respond favorably to treatment and are willing and able to abstain from further alcohol abuse.
- Ensures all newly reporting personnel are thoroughly briefed on the command policy, and punitive consequences for failure to obey the policy outlined in this instruction.
- Ensures supervisory personnel exercise positive leadership and demonstrate full support for the Navy's drug and alcohol program.
- Scheduled, organized, issued and maintained data bases for:
 - AWARE 24 classes, 706 personnel
 - ADAMS 148 personnel
 - PREVENT 33 classes, 652 personnel
- Scheduled classes for:
 - DAPA 21 personnel
 - ADAMS Facilitator 5 personnel
- Interviewed 271 personnel for DAPA screenings.

Photo Lab

The IKE Photo Lab met many milestones in 2004. Rehabilitation of the spaces on board the ship was completed, and the photo lab was outfitted with state of the art equipment. The division relocated from a facility ashore and became fully operational without any loss in production in June. Anticipating the upcoming merging/restructuring of the PH/JO/DM/LI communities, the Photo Lab transitioned from Operations to Administrative Department, well ahead of the mandated change.

- 38,016 documented man-hours
- 785 Photo jobs
- 3,534 Individual prints
- 232 Compact Discs created
- 46 Location shoot jobs
- 58 Videos produced and edited

- 281 Drafting jobs
- 135 Posters

Print Shop

- The Print Shop moved production from a facility ashore to shipboard spaces.
- The Print Shop received 975 jobs and completed 3,568,419 impressions.

AIRCRAFT INTERMEDIATE **MAINTENANCE DEPARTMENT**

Aircraft Intermediate Maintenance Department

During 2004, Aircraft Intermediate Maintenance Department (AIMD) provided maintenance support for IKE's RCOH Ship's Force Work Package. Key areas of support included light manufacturing and repair at the Light Industrial Facility (LIFAC), operating the Ship's Force Tool Room, removal and reinstallation of non-watertight doors for refurbishment at LIFAC, Calibration Lab services and aviation support equipment management. AIMD sent two Sailors to deploy aboard USS ENTERPRISE and USS RONALD REAGAN to fill manpower shortages.

IM-1: GE IMRL Warehouse & Quality Assurance

- Updated and verified 1,048 records in the Support Equipment Standardization System (SESS) preventive maintenance database.
- Managed more than 3,900 Individual Material Readiness List (IMRL) line items totaling 10,554 individual items of support equipment valued at more than \$155 million.
- Processed 102 IMRL Surveys on support equipment valued at \$82,000.
- Completed more than 4,300 IMRL Transaction Reports.
- Maintained three OPTARS totaling more than \$1 million.
- Received and gained to inventory 1,043 support equipment assets from various commands and rework sites.
- Transferred 584 items of support equipment to deploying commands, rework sites and other activities.
- Processed 269 support equipment temporary loans.
- Stored more than 1,100 non-watertight doors for Ship's Force Non-Watertight Door Team.

Quality Assurance

- Conducted 108 work center and program audits, including scheduled and unscheduled monitors.
- Reviewed and screened 708 Technical Directives (TD) and 52 Avionics Test Work-around Procedures (TWP) ensuring programs and publications were ready to support the ship's return to full operational status.
- Screened 1,208 Interim Rapid Action Changes (IRAC) and received 744 Technical Library Publication Changes (TPL). Accurately incorporated 380 IRAC's and 964 TPL's within master and dispersed libraries.
- Continuously reviewed 26 Naval Aviation Maintenance Programs incorporating 48 revisions, ensuring technical compliance for supporting maintenance actions upon returning programs to an online status.
- Reviewed and revised 20 tests for CDI qualification and Support Equipment licenses. Forwarded 12 CDI/QAR packages for designation.

IM-2: Light Industrial Facility (LIFAC)

- Repaired/manufactured more than 8,000 shipboard components for 17 departments in direct support of IKE's two million man-hour ship's force work package during RCOH. This included, but was not limited to, 1,294 non-watertight doors, 192 air/watertight doors, 267 ready room chairs, 37 ready service lockers, 507 funnels, 39 enclosed communication booths, 52 ladders, 56 AFFF/JP-5 hose reels, 1,007 deck grates, 1,041 supply stanchions, 170 phones boxes, 591 supply pogo sticks, 52 ready room briefing boards and numerous other items. These efforts led to a significant savings of more than \$1 million in contractor and replacement costs.
- Integrated and trained more than 250 personnel from six Atlantic Fleet CVN's and one submarine in Light Industrial Facility standard operating procedures, ultimately leading to the successful completion of all shipboard items in support of their Planned Incremental Availabilities. This process saved more than \$850,000 per command.
- Provided Oil Analysis technicians to NAS Key West and USS ENTERPRISE (CVN 65) to assist in critical manning shortages. More than 600 oil samples were analyzed while providing priority one support to USS ENTERPRISE (CVN 65) for JTFEX/Mediterranean/Arabian Gulf deployments.
- Provided Aviation Life Support Systems technician to USS ENTERPRISE (CVN 65) for seven-month deployment.

IM-3: Avionics & Calibration Lab

- Performed 2,154 electronic and physical/mechanical calibration maintenance actions.
- Calibration Lab provided technical resources, guidance, training and calibration standards to USS NASSAU and USS HARRY S TRUMAN.
- Additionally, the Calibration Lab set up schedules to optimize available equipment and maintenance space, providing 38 assets to fill fleet critical shortages.
- Removed, refurbished and re-installed 200 electrical workbenches, including the fabrication of 2,000 electrical insulation panels. Sand blasted and powder coated 1,700 panels, saving the Navy more than \$700,000 in replacement costs.
- Completed rehabilitation of 56 divisional compartments, and more than 500 ship's force maintenance actions. Identified and acquired hardware and materials, in support of the installation of more than 30 Avionic Test stations.
- Calibration Lab completed 1,489 on-site calibration actions in two reactor plants, ensuring successful testing and light off of the ship's steam plant.

IM-4: Support Equipment Management and Rework:

- Conducted 52 Support Equipment (SE) Operator Classes. Instructed more than 100 personnel in SE operations and licensed 21 new operators.
- Prepared and painted 10 shipboard compartments.
- Issued more than 55,000 hand and specialty tools to IKE Sailors, supporting 17 departments in their RCOH efforts.
- Managed more than 1,078 Individual Material Readiness List (IMRL) line items totaling 6,078 individual items of support equipment valued at more than \$87 million.

- Completed 153 Planned Maintenance System (PMS) maintenance checks.
- Reviewed, updated and converted 15 SE operator courses to Microsoft PowerPoint format.
- Performed rework/preservation on 1,100 Support Equipment items.
- Provided more than 1,500 hours of in-rate instruction, resulting in a 98 percent promotion rate of all assigned Sailors.
- Screened and verified 434 SE history records and 11 turbine log books ensuring equipment history record accuracy.
- Received and performed acceptance inspections on 157 IMRL items from depot rework facility.

Ship's Force Work Package Division

- Conceptualized and advocated a method to identify layouts, plan for proper placement and re-installation of more than 4,000 pieces of furniture using compartment designs and scale drawings; a concept adopted by shipyard contractors to establish IKE's ship-wide outfitting program.
- Established AIMD's paint team to provide expert quality work to all Air Wing compartments in support of IKE's RCOH goals. Established and maintained a quota of five compartments per week.
- Researched Air Wing workspaces to identify an accurate listing of squadron compartments. Scheduled and chaired meetings with IKE's Maintenance Managers and NGNN personnel to review and revamp IKEINST 4400, Squadron Compartment Listing.
- Re-established AIMD divisional structure, downsizing SFWP by 30 personnel while retaining 135 Air Wing compartments.
- Created and implemented new standards of operations to the Ship's Non-Watertight Door Team.
- Initiated a ship-wide search and directed a complete audit to provide 100 percent accountability, which improved accuracy and increased tracking abilities. This audit resulted in the identification of more than 400 additional job requirements in the Consolidated Ship's Maintenance Plan (CSMP), increasing the total NTD's to be refurbished to 1,661.
- Researched compartment drawings of other CVNs at Supervisor of Shipbuilding's Drawing Vault to attain new materials and standardize configurations of squadron maintenance spaces and Ready Rooms. Researched and created a Ready Room point paper that exposed deficiencies in drawings and explained modernization needs to correct current drawings and avert future shortfalls in designs for squadron usage. Ready Room designs were modified to include many of the upgrades.
- Since inception, the paint team completed 50 percent of 269 AIMD/Air Wing compartments. The door team initiated the installation of 1,500 doorknobs received from Supply Department.

IM-5: 3M Work Center

- Implemented a PMS training plan on specific guidelines such as manuals related to PMS, verification of MRC Cards, accomplishing maintenance procedures, key PMS terms, Force Revisions, Feedback Reports, SPMIG and the Spot Check Program. Results were the qualification of 250 AIMD personnel in basic and advanced Planned Maintenance System standards.
- Trained AIMD personnel in Damage Control Maintenance, resulting in the qualification of more than 50 Damage Control Petty Officers.

Ship's Force Work Package

- Completed overhaul on 135 AIMD and Air Wing compartments. Space turnover was conducted to return 95 completed Air Wing and 40 AIMD compartments to parent divisions.
- Non-tight doors (NTD) team was re-assigned to IM-3 Division until all NTDs were installed. SFWP/NTD team installed a total of 1,400 doors. IM3's NTD team installed the remaining 261 by September 04.
- AIMD's Paint team was re-assigned to IM2 Division.
- SFWP Division was disbanded in April 04.

AIR DEPARTMENT

Air Department

IKE's Air Department entered CY-04 with the following tasks: the reassembly, testing and certification of all 4 catapults and arresting gear installations; the resurfacing of the flight and hangar decks to include non-skid and VLA markings; complete rehabilitation of all three hangar bays, completion of both expansion and extensive renovations to Primary Flight Control; upgrades to the ship's Fresnel Lens Optical Landing and Integrated Launch and Recovery Television systems; and the PQS qualification of more than 270 flight and below decks personnel in preparation for return to sea. By year's end, all of these tasks had been accomplished, resulting in IKE receiving COMNAVAIRLANT's Phase II certification of Air Department's equipment and personnel, allowing a return to sea. While accomplishing these goals, Air Department reoccupied all assigned spaces aboard IKE. The process required relocating more than 800 personnel from government-leased living quarters and off-ship workspaces and utilized department personnel to complete more than 50 percent of the total rehabilitation work to bring work centers and berthing compartments back to Navy standards.

V-0 Division

- Oversaw completion of renovations to Primary Flight Control, to include a 100 percent increase in physical space, installation of IVUT, SATCC and ISIS, and rehabilitation of the flight deck lighting control systems.
- Implemented a comprehensive force-wide revision to the Navy's maintenance management program. Led the department out of a nearly four-year period of inactive equipment maintenance. Converted 25 work centers to Quarter 1 after overhaul. Oversaw attainment of more than 185 department-wide 3M PQS qualifications.
- As the department lead for training, sent more than 200 personnel TAD to sea on board seven aircraft carriers and one amphibious ship to achieve more than 1,100 PQS qualifications required to return IKE to sea in a flying status.
- Managed the Zone Inspection Tracking System for 300 department spaces.
- Administratively oversaw the expansion of Air Department by more than 250 personnel, of which more than 90 percent were new accessions to the Navy.
- Implemented the Relational Admin (RADM) Client application, transitioning the department to its first computer data base tool for the management of all aspects of personnel administration and training.
- Upgraded all division tower personnel to the latest revision of the NAVEDTRA 43426-2 series Tower Operations PQS.
- Moved 35 personnel from government-leased quarters back aboard IKE.

V-1 Division

- Completed 347 maintenance checks.
- 25 personnel attended AFSTT in Pensacola, scoring an average of 96.14 on assessment tests.
- Sent 112 personnel TAD to other aircraft carriers, qualifying them in 289 critical PQS watch stations.
- Completed 208,000 square feet of Flight Deck non-skid.

- Replaced 573 pad eyes throughout the Flight Deck.
- Fabricated and installed 178 Flight Deck safety nets.
- Rehabilitated 17 AECS hatches and enclosures.
- Overhauled more than 57 interior spaces to include corrosion control, tiling, lagging, painting and furniture installation.
- Completed more than 100 jobs from the ship's force work package.
- Tracked the expenditure of more than 60,000 man-hours during the calendar year.
- Outfitted more than 600 Air Department personnel with Flight Deck gear.
- Processed over 2,000 documents to support work package completion.
- Moved more than 190 personnel from government-leased quarters back aboard IKE.

V-2 Division

- Re-reeved all four catapult retraction engines.
- Lowered power cylinders on catapults 1 and 2.
- Oversaw reinstallation of Launch Valves for all four catapults.
- Successfully completed all testing on Bow and Waist catapults.
- Completed testing on all jet blast deflectors.
- Re-reeved all arresting gear engines.
- Conducted functional testing on all arresting gear engines leading to certification following overhaul.
- Completed upgrades to the Improved Fresnel Lens Optical Landing System.
- Completed upgrade and refurbishment of Island Camera and Integrated Launch and Recovery Television System installations.
- Completed refurbishment and testing of Manually Operated Visual Landing Aids System installations for positions 1, 2 and 3, resulting in a fully operational system.
- LSO platform and HUD tested and fully operational.
- Sent more than 75 personnel to sea on board seven aircraft carriers to achieve more than 300 Flight and Below Decks PQS qualifications in support of recertification of IKE's Flight Deck.
- At the completion of 2004, total manning in V-2 was 251, the single largest division on board the ship.
- Moved more than 250 personnel from government-leased quarters back aboard IKE.

V-3 Division

- Oversaw removal and replacement of more than 60,000 square feet of non-skid for Hangar Bays 1 through 3.
- Repainted the overheads and bulkheads, divisional and elevator doors for all three hangar bays, a combined surface area of 103,000 square feet.
- Assisted in the inspection and repair of all overhead fluorescent and sodium vapor lighting.
- Rehabilitated all three conflagration stations, and oversaw the installation of ship's IVUT to improve internal routine and emergency communications.

- Moved more than 120 personnel from government-leased quarters back aboard IKE, after repainting, retiling, relagging and outfitting divisional berthing and associated heads.
- Sent more than 45 divisional personnel TAD on seven aircraft carriers to obtain over 195 PQS qualifications.
- Worked with Northrop Grumman Newport News shipyard and ship's force to repair and weight test all four aircraft elevators, returning all to 100 percent serviceability.
- Integrated 95 newly assigned personnel during the calendar year, expanding the division from an overhaul manning low point of 35 personnel to its present muster of 120.
- Assisted the shipyard and ship's force in the repair and return to serviceability of all Hangar Bay fixed and portable fire fighting systems, including AFFF overhead, non-collapsible hose reels, and 1.5 inch hose stations and portable extinguishers.
- Assisted IKE's Medical Department in developing a comprehensive Mass Casualty Response Plan allowing IKE to efficiently triage victims utilizing the hangar bays and aircraft and weapons elevators.

V-4 Division

- Completed testing of all JP-5 equipment, including four purifiers, eight service pumps, five motor stripping pumps, two service-stripping pumps, two aux pumps, seven transfer pumps along with two reclaim systems.
- On loaded more than 750,000 Gallons of JP-5 without incident, the first fuel load for the ship since preparations for IKE's overhaul began in March 2001.
- Certified two ICAN Console screens in both JP-5 Pump rooms.
- Transferred fuel from the aft system to the forward system, which allowed for the calibration of more than 80 TLI's for the JP-5 fuel tanks.
- Completed rehabilitation of four berthings, five passageways, two office spaces, seventeen fueling stations, both JP-5 pump rooms, along with 17 trunk and cargo spaces.
- Rehabilitated and rebuilt all Air Escape Flash Screens throughout the JP-5 system in order to inspect for fuel certification.
- Installed and verified all AFOSS tags and piping along with all the AFOSS books that are required for V-4 below decks to operate.
- Provided non-stop diesel fuel service for four Emergency Diesel Generators in support of Reactor Department's Critical Ops and Dock Trials.
- Overhauled 17 fuel/defuel hose reels.
- Hydro tested 250 fuel hoses.
- Installed 43 hose reels and 20 globe valves.
- Completed Air Tests for the entire Flight Deck and Hangar Deck system.
- Successfully passed Phase 1 of the fuel certification.
- Sent more than 50 personnel to sea aboard seven aircraft carriers to achieve over 250 Flight and Below Decks PQS qualifications in support of recertification of IKE's Flight Deck and fuel systems.
- Upgraded all PQS qualified personnel to the 'D' version of the NAVEDTRA 43426-4 series standard for Air Department Aviation Fuels Afloat.
- Moved more than 150 personnel from government-leased quarters back aboard IKE.
- Rehabilitated 79 divisional spaces, to include paint, tiling, lagging and furnishing.

COMBAT SYSTEMS
DEPARTMENT

Combat Systems Department

The IKE Combat Systems team is composed of seven divisions covering Information Technologies and Advanced Electronic maintenance ratings. Combat Systems Department continued to transition the ship from a Refueling Complex Overhaul (RCOH) environment to an operational United States asset by focusing on aggressive space preparation, quality assurance oversight and crew training for more than 10,000 individual pieces of new and overhauled Combat Systems electronic equipment. Combat Systems Department maintenance functions can be summarized as focused efforts to fulfill equipment modernization field changes and war fighting readiness.

Maintenance/Administration

- Metropolitan Area Network (MAN) and related computer systems
- External and internal communications
- Surveillance and Navigation radars (AN/SPS-49A, AN/SPS-67, AN/SPS-73, Furuno, AN/UPX-29 & AIMS MK XII IFF)
- Precision Approach Landing System (PALS)
- Carrier Air Traffic Control (CATC) Systems (AN/SPN-41, AN/SPN-43C, AN/SPN-46, AN/TPX-42 CATCC/DAIR)
- Shipboard Air Traffic Control Communications (SATCC)
- SITE 14TV & 23TV
- Navigation Systems (NAVSSI, AN/WSN-7, GPS, TACAN, DSVL, DFGMC, Fathometer)
- Ship Self Defense System (SSDS)
- Cooperative Engagement Capability (CEC) System
- Tactical Communication/Tactical LINK systems
- Extensive Intel Systems
- ICAN – Integrated Communications Advanced Networking

Maintenance/Operation

Rearchitected NATO Sea Sparrow Surface Missile System (RNSSMS)
Rolling Airframe Missile (RAM) System

Metrics:

- 164 Spaces
- Radars - 10 Types
- More than 70 UHF/HF Radios
- RNSSMS - Two Mounts
- RAM - Two Mounts
- 30+ Radio Antennas
- More than 600 CRYPTO line items
- 2,500 Telephones

- 3 Closed Circuit TV Networks
- 900 TV's
- 434 Hydras
- 950+ computers (NIPR, SIPR, NTCSS)
- 65 Photocopiers
- 10 Physical LANs networking the following software systems:

UNCLASSIFIED:

- NT, NTCSS including OMMS-NG, R-SUPPLY and R-Admin, NALCOMIS.

CLASSIFIED:

- Dial up connectivity to NCTAMSLANT
- NT, GCCS-M and JSIPS-N, ADMACS/ISIS

Combat System Maintenance and Information Accomplishments

- Sent 19 departmental volunteers TAD to three aircraft carriers and support ships participating in Operation ENDURING FREEDOM and UNITAS. These personnel gained invaluable experience in their technical fields and contributed to the overall Navy mission in America's war on terrorism.
- Number of incoming radio messages: 150,500.
- Number of outgoing radio messages: 1,852.
- Information Systems Trouble Call annual average: 4,328.
- Number of Photo Copier Trouble Calls: 110.
- Expended 150,128 total man-hours on production and production support.
- Developed four Miniature-Micro miniature Module Test and Repair (2M MTR) Gold Disks.
- Maintained an inventory of 800 pieces of General Purpose Electronic and Electrical Test Equipment for sub-custody and checkout at 100 percent readiness.

Innovative Management Actions

Combat Systems Department conducted aggressive planning and execution efforts through participation in numerous Integrated Process Team (IPT) and Working Group (WG) meetings including: Ship Test Management Group, Installation Coordination Team (ICT), Combat Systems IPT, Combat Systems Test Task Group (TTG), Combat Systems Construction Agenda meetings, ICAN Voice WG, ICAN Navigation WG, J-dial WG, SSDS Tactical Action WG, Joint Electrical Group and other areas vital to ensuring that design and scheduling met the command's goals. Combat Systems proactively finished more than 100 ship's force test packages and assisted with more than 300 contractor test packages in preparation for Crew Certification and Sea Trials. Successfully managed and completed Combat Systems Trial Rehearsal.

Specific Maintenance Accomplishments

- Ship's force, as authorized by the Naval Undersea Warfare Center, established a regional Afloat Gold Disk Development Facility. IKE Micro-Miniature (2M) repair technicians developed four Gold Disks, saving the Navy \$15,000 in the Gold Disk development process. In addition, each Gold Disk developed is projected to save the fleet more than \$100,000 annually in Depot Level Repair (DLR) cost avoidance.
- Communications technicians completed the overhaul of 95 AM-3729/SR audio amplifiers in a repair facility established off-site. Combat System technicians coordinated the complete amplifier refurbishment at an average cost savings of \$1,224 per unit and a total savings of \$211,700. The amplifier overhaul process involved complete disassembly, sanding, painting, rewiring and testing of each unit.
- Communications technicians established an overhaul facility for LS-474/U loudspeakers. Approximately 20 loudspeakers have been overhauled at an average cost savings of \$132 per unit with 67 units awaiting overhaul. The loudspeaker overhaul process entails complete disassembly, sanding, repainting, rewiring and testing of each unit.
- Developed an overhaul plan for Type G shipboard telephones. Technicians refurbished 105 telephones, previously identified for scrap.
- Worked side-by-side with both NGNN and AIT (AMSEC) personnel to completely refurbish the Circuit 1J telephone system. The department provided six full time technicians to assist in grooming all connection boxes, running new cables and installing individual telephone lines.
- Completed installation of a new 14TV distribution system. This task included welding studs for junction boxes, running more than 5,000 feet of cable and installing TV wall mounts throughout the ship.
- Copier Maintenance Technicians responded to more than 100 copier maintenance trouble calls throughout the year, saving an estimated \$100,000 in service calls.
- Maintained efficient operation of a Wide Area Network, to include sites up to 20 miles away from the ship.
- Maintained LAN security and data integrity by closely monitoring IAVA publication, and timely application of recommended action.
- Maintained Relational Admin (RADM), a component of NTCSS, for everything from daily muster reports to training/PQS development and tracking.
- Maintained Navy Standard Integrated Personnel System (NSIPS) enabling faster resolution of personnel/pay problems with DFAS. Resolved compatibility issue between NSIPS and RADM so that both programs can operate on the same computer, eliminating the need for two separate workstations for each Personnelman.
- Upgraded application software and maintained the IKE INTRANET Website designed to assist all IKE sailors in professional management and personal development. The site offers a fusion of references, news, training briefs, services and links to INTERNET resources. CS-3 webmasters maintained configuration control and trained content owners on standard format so information could be kept current.
- Installed, operated and maintained 19 WINDOWS NT servers providing email, Internet, Office Automation and other shared services to approximately 2,800 users. Operated and maintained three database servers supporting the Navy Tactical Command Support

System (NTCSS), which includes NALCOMIS, R-SUPPLY, OMMS-NG, RADM and ATIS.

- Installed Learning Resource Media Center in RELMIN to provide Sailors with Internet web browsing and email so they can remain in contact with family members and friends. This service also allows IKE Sailors opportunities to take part in military and civilian distance learning programs via the Internet.
- Maintained network security requirements, ensuring compliance with 19 Information Assurance Vulnerability Advisories, 14 Information Assurance Vulnerability Bulletins and three Tasking Orders. These updates affected approximately 500 workstations and six servers.
- Monitored proxy log reports to ensure all personnel were properly utilizing government computer systems. Violators were required to report to the department for counseling and training.
- Inventoried and maintained custody cards on all command Palm Pilots and command laptops. Currently maintain custody of all computer software installed on the ISNS LAN.
- Maintained the Hierarchically Yet Dynamically Reprogrammable Architecture (HYDRA) portable communication system, contributing to IKE's heightened security posture while also enhancing efficiency and convenience for the crew. This critical system has become the primary communication system aboard IKE and has been extremely reliable due to the superb efforts of the HYDRA shop.
- Maintained and expanded IKE's Temporary 1J telephone system to support RCOH. Corrected more than 500 trouble calls and service requests without any major system failures. Interfaced with NGNN, SUPSHIP and contractors in this effort. Further coordinated telephone service to more than 100 locations on the Floating Accommodation Facility. Worked closely with NGNN to develop a detailed plan for undocking to ensure minimal disruption to telephone communications.
- Improved the ship's overall Force Protection readiness posture by installing and aggressively maintaining VHF radio communications in IKE's RHIB boats and critical watch stations.
- Successfully achieved communications connectivity on the Radio Communications Suite (RCS). This system will provide IKE with external afloat communications in support of real world missions. IKE is the third U.S. Navy Vessel to have this system installed on board. The system provides for voice and data communications and interacts with the Advance Digital Network System (ADNS) and AN/WSC-6 SHF System, which are also operational.
- Successfully provided voice and data connectivity utilizing Digital Modular Radio (DMR). Each DMR has four channels with eight ports. There are two DMRs on board IKE, which comprises the communications suite.
- NAVMACS II Single Message System (SMS) is IKE's primary means of message delivery. The system provides two message processing terminals, which connect to a NIPRNET and SIPRNET computer connection. Ships' record message traffic is distributed from both the SIPRNET/NIPRNET LAN connections to users via MICROSOFT OUTLOOK.
- Combat Systems Department is empowered as IKE's lead action manager for Integrated Communications Advanced Network (ICAN) installation, training and technical repair team consisting of ET, IC, and IT specialties. Communications Maintenance Division

(CS-9) has completed extensive vendor and contractor training coupled with extensive OJT. This combined team was integral in bringing voice, navigation and machinery control systems of ICAN online six months prior to delivery.

- Developed, from scratch, a Repair Eight Casualty Control Program while awaiting future CSOSS delivery. This included power distribution drawings and space folders for more than 70 compartments.
- Stood up Combat Systems Maintenance Central after three years of inactivity.
- Installed FURUNO Radar with technical assistance from CNAL.
- Completed successful pier side PALS certification with NAWC-AD.
- Conducted a main mast antenna inspection and groom in conjunction with SUPSHIP and ANTEON.
- Installed FC 1 & 2 on AN/TPX-42 CATCC/DAIR system.
- Installed FC 1, 2, 7 & 9 on AN/SPN-46 RADAR system.
- Installed FC 6 on AN/SPS-67 RADAR system.
- Installed FC 3 & 4 on AN/SPS-49A RADAR system.

Specific Training Actions

- Developed and implemented a Technical Mentoring Program designed to provide technicians TAD opportunities at local maintenance-oriented commands. Since implementation in the summer of 2002, Combat Systems leadership has established strong working relationships and developed agreements with 14 shore/staff activities and 11 ships. These agreements allow technicians to maintain technical proficiency while TAD and fill the technical void created in a shipyard environment where minimal maintenance requirements exist.
- In conjunction with FCTCL Dam Neck, VA, provided training on Combat Systems equipment. Ship's Self Defense System (SSDS) MK2 technicians have acquired more than 2,500 hours of assistance in system grooming, troubleshooting, alignments, testing and training on Q-70 consoles and support equipment for the SSDS MK2 system. Cooperative Engagement Capability (CEC) technicians received 350 hours of training. Additionally, more than 150 hours of training have been conducted on MSAS (CV-TSC-34B), more than 150 hours of training on NITES 200 (METRO) and more than 50 hours of training on the Integrated Communications Advanced Network (ICAN).
- The department established a memorandum of agreement (MOA) between IKE and the Test and Integration Facility (TIF) for IT operators and ET maintenance personnel in side-by-side training with TIF SPAWAR subject matter experts. This enabled effective training opportunities at the TIF located in Charleston South Carolina to gain deck-plate knowledge of the Radio Communication System (RCS) equipment.
- Established a memorandum of agreement (MOA) between IKE and Fleet Technical Support Center Atlantic (FTSCLANT) for ET maintenance personnel to work TAD with FTSCLANT subject matter experts. This enabled effective training opportunities at FTSCLANT and on afloat platforms across the Norfolk Naval Base waterfront.
- Negotiated with SPAWARSYSCEN to send technicians to the FAA training Center in Oklahoma City for training on the new SATCC flight communications system. This factory training is aligned with the generation of an NEC to support the outfitting of SATCC on IKE.

- Implemented ISSO training to ensure all departmental and divisional ISSO's know what to look for to prevent security incidents.
- Managed a training and qualification program for more than 250 personnel in five different ratings. Successfully passed Crew Certification and was cited by CNAL as performing the best of any carrier in the fleet following a four year RCOH.

DECK DEPARTMENT

Deck Department

Deck Department, consisting of First and Second Divisions, is responsible for all matters related to the planning and execution of deck seamanship evolutions including anchoring, mooring, underway replenishment, crane services, boat operations and shipboard preservation and maintenance. Specific events during 2004:

- Nineteen personnel deployed TAD to USS BATAAN (LHD 5).
- Five personnel deployed TAD to USS GEORGE WASHINGTON (CVN 73).
- Commenced weight test on hydrostatic devices.
- Twenty personnel attended RHIB Boat Stowage & Handling Training at the VASCIC Building.
- Conducted testing and training on UNREP Stations.
- Conducted testing and training on Port and Starboard Anchors.
- Performed satisfactory operational test of Port RHIB Boat Davit.
- Norfolk Naval Shipyard re-certified the Boat and Aircraft Crane.
- Ten personnel deployed TAD to USS KEARSARGE (LHD 3).
- Satisfactorily completed Crew Cert Phase 1A.
- Conducted departmental line handling training in preparation for NGNN berth shift.
- XO's Division in the Spotlight inspection for Second Division graded as outstanding.
- Completed Crew Move-Aboard from the Floating Accommodation Facility.
- Performed satisfactory operational test of Starboard RHIB Boat Davit.
- Conducted berth shift at NGNN.
- Completed satisfactory test & certification of Starboard Anchor Windlass.
- Completed Crew Certification Phase 1.
- Completed satisfactory test and certification of Port Anchor Windlass.
- Completed overhaul and outfitting of CO's Gig and two 50-foot Utility Boats.
- Conducted repositioning of ship from starboard side moor to port side moor at NGNN.
- Seventy-six personnel attended Underway Replenishment Team Trainer School.
- Completed testing & certification of fueling station 21 spanwire and saddle whip winches.
- Completed Crew Cert Phase II.
- Loaded ship's two boat dollies onboard.
- Conducted waterborne transit of CO's Gig and two 50-foot Utility Boats from Norfolk Naval Shipyard to NGNN and loaded CO's Gig and one 50-foot Utility Boat on board.
- Loaded second 50-foot Utility Boat on board.

DENTAL DEPARTMENT

Dental Department

- Transitioned the patient management system from DENMIS to DENCAS. This web-based program manages personnel dental classifications, treatment needs and dental readiness.
- Successfully moved daily operations from the FAF to IKE in June. Additionally, the department has experienced an increase of personnel by 50 percent. Currently dental has three general dentists, one comprehensive dentist, and one oral/maxillofacial surgeon. Enlisted personnel consist of one admin technician, one hygienist, one advanced lab tech, one basic lab tech, one surgery tech and ten general dental technicians.
- Received the Dental Digital Imaging (DDI) equipment, however, prior to instillation, two technicians from Naval Medical Information Management Center determined the space was not large enough to accommodate the panographic machine. Therefore, paperwork has been submitted for a space alteration to be completed during PSA.
- In 2004, Dental Department experienced a 7 percent increase in dental readiness, maintaining approximately 95 percent.

ENGINEERING DEPARTMENT

Engineering Department

IKE's Engineering Department is comprised of more than 380 Officers and Sailors supporting the ship's auxiliaries, damage control and electrical needs. In 2004, the department wrapped up the major portion of the \$2 billion dollar overhaul including equipment testing and restoration. Work assumed by Engineering Department Sailors during the overhaul is estimated to have saved the Navy more than \$100 million.

AUXILIARIES DIVISION

JANUARY

- Filled, aligned, and tested over 3,000 feet of chillwater piping involving 20K gallons of water in support of AC&R testing.
- Restored #3 and #4 air conditioning units.
- Restored #3, #4 and #5 refrigeration units.

FEBRUARY

- Groomed #1, #2 and #3 compress melting units.
- Repaired out drive on security boat 702.
- Painted #4 pump room.
- Painted #4 aircraft elevator space.

MARCH

- Restored FWD divisional door.
- Overhauled 32 relief valves and 21 heat exchangers for FWD and AFT Cryogenic Plants.
- Calibrated 150 catapult gages on CAT's 3 and 4 control panels.

APRIL

- Refurbished 40 Cat Steam Accumulator Flanges.
- Conducted weight test on #3 and #4 conveyors.
- Groomed 10 watertight doors.
- Restored #3 and #4 Deck Edge Doors.

MAY

- Repaired air inlet piping for two high-pressure producers on aft O2N2 plant.
- Repaired plunger assembly on number 4 ACE spigot spool valve.
- Restored #7 and #6 air conditioning units.
- Restored #5 and #1 air conditioning units.

JUNE

- Restored #2 and #9 air conditioning units.
- Restored #1 and #2 refrigeration units.
- Groomed #1 pulper and shredder.
- Replaced out drive on security boat 701.
- Painted FWD Air Conditioning space.

- Painted PORT and STBD Steering Gear spaces.
- Painted FWD pump room.
- Painted #3 and #4 Air Conditioning space.
- Painted #3 and #4 Catapult fill space.
- Restored #3 Aircraft Elevator.

JULY

- Restored #1, #2 and #3 36" capstans.
- Restored AFT divisional door.
- Restored B&A crane.
- Installed 120 bubblers for crew move aboard.
- Restored #1 and #2 Deck Edge Doors.
- Groomed 39 Hot Water Heaters for crew move aboard.
- Weight tested #2 and #3 Aircraft Elevator.

AUGUST

- Tested ship's 50 and 100 lb. service steam systems.
- Chlorinated ship's potable water system.
- Overhauled 40 deck drain valves.
- Groomed 20 watertight doors.
- Prepared 16 Auxiliary Division for crew move aboard.
- Restored #3 and #4 Messenger Winches.

SEPTEMBER

- Groomed #3 and #4 compress melting units.
- Restored #1 and #2 Messenger Winches.
- Replaced #8 AC chill water pump.
- Replaced #10 AC site glass.

OCTOBER

- Repaired and restored #10 conveyor.
- Replaced mechanical seal on #3 motor driven fire pump.
- Painted #2 and #3 Aircraft Elevator space.
- Restored #1, #2, #3 and #4 catapults.

NOVEMBER

- Restored #2 Aircraft Elevator.
- Restored PORT and STBD Steering Units.
- Restored PORT and STBD Anchor Windlass.

DECEMBER

- Restored Aft O2N2 Cryogenic plant.
- Restored FWD O2N2 Cryogenic plant.
- Weight tested #1 Aircraft Elevator.

ELECTRICAL DIVISION

JANUARY

- Installed and rewired lighting and receptacles in more than 50 crew berthings, more than 25 staterooms, Disbursing, Personnel, Chaplain and CO's cabin (initial round of spaces required for crew move aboard).
- Conducted safety checks on all repair locker electrical equipment.
- Coordinated and executed the major maintenance action of cleaning and inspecting 5 major load centers.

FEBRUARY

- Commenced deck machinery test program, obtaining data for Aircraft Elevator 1.
- Assisted in shipyard testing and restoration of ship's steering units.
- Helped establish lighting and controls in catapult spaces in support of Air Department catapult testing.
- Continued aggressive move aboard preparations through electrical support of Aft Galley equipment.

MARCH

- Commenced assistance in the Electronics Test Group testing program.
- Augmented Vent Team in restoring more than 30 ventilation systems in support of crew move aboard.
- Continued deck machinery testing support with the electrical testing of 10 AFFF Stations.

APRIL

- Tested and restored numerous sound powered phone circuits including JA, JV, JG and JL systems.
- Commenced integration of the ship's fiber optic communications system (IVUT) with ship's general announcing system.

MAY

- Installed and rewired lighting for 30 crew berthings and 25 staterooms.
- Full electrical restoration completed for the Aft Galley, CPO Mess and Wardroom III.
- Assisted Reactor Department in emergent repairs to four ventilation motors.

JUNE

- Commenced testing of more than 500 integrated ICAN circuits.
- Restored Ship's "69" lights and aircraft warning lights.
- Assisted Reactor Department in the clearing of electrical discrepancies in support of the Critical Testing Program.
- Restored 25MC, 26MC and 1MC announcing circuits.

JULY

- Completed electrical testing of #2 and #3 Aircraft Elevators.
- Assisted in extensive electrical overhauls to ship's Force Protection security boats.
- Conducted emergent repairs on Catapult #1 Ventilation system in support of catapult testing.

AUGUST

- Established a new Tool Issue work center.
- Completed installation of ship's new laser compass system.
- Completed electrical testing of ship's air conditioning plants.

SEPTEMBER

- Completed Programmable Logic Control upgrades to ship's Aircraft Elevators.
- Supported drills and inspections for ship's Reactor Safeguards Exam.
- Completed Casualty Power Doctrine.
- Completed full installation and testing of ship's nodal communications system.
- Manned first Condition II watchbill in more than four years in support of ship's Simulated At Sea Training (SAST) evolution.

OCTOBER

- Restarted more than 75 ventilation fans and duct heaters.
- Restored ship's 5 MC announcing system for flight deck participation.
- Commenced testing of over 100 Aircraft Equipment Support Stations (AESS).
- Conducted interactive electrical casualties in support of ship.

NOVEMBER

- Restored the ship's 400 HZ distribution system to full operation.
- Completed the restoration of the ship's MC circuits including the installation of more than 1,800 speakers throughout the ship.
- Successfully completed Crew Certification with watchbill augmentation and integrated electrical training drills.
- Completed emergent repairs to #8 Chill Water pump.
- Provided in-depth testing support for restoration of ship's aft Cryogenic Plants.

DECEMBER

- Completed the restoration of all 83 sound powered phone circuits.
- Completed the restoration and testing of 35 of the ship's Aircraft Electrical Service Stations (AESS).
- Conducted electric extensive repairs to ship's sliding padeyes.

REPAIR DIVISION

JANUARY

- Repaired five JP-5 fuel overflow air escapes boxes allowing onload of 750,000 gallons of JP-5.
- Completed more than 150 secure for sea work requests.
- Installed more than 200 PKP and CO2 brackets.

FEBRUARY

- Modified and installed two 40 MM saluting battery mounts on flight deck catwalk.
- Completed more than 200 ship's force work requests through OMMS-NG.

MARCH

- Completed modifications to more than 25 divisional spaces to enhance habitability for crew.
- Rehabilitated all Repair Division spaces, which were gutted during RCOH.
- Moved Engraving Shop aboard and engraved more than 50,000 tags and signs for IKE's 18 departments.

APRIL

- Made repairs to eight HICAP stations, ensuring readiness for Reactor plant steaming.
- Made repairs to 20 flight deck AFFF hose reels, replacing more than 175 feet of piping.

MAY

- Made repairs to 12 Hangar Bay hose reels, replacing more than 100 feet of piping.
- Brought ship's CHT system online to 100 percent operational status after being dormant for three years.
- Replaced and repaired piping and valves for 22 saltwater flushing reducing stations.

JUNE

- Replaced more than 50 feet of plumb vent piping.
- Completed repairs to Anchor Windlass hydraulic piping, ensuring operation for dock trials.

JULY

- Completed more than 100 trouble calls associated with ship's heads, galleys and staterooms in response to crew move aboard.
- Manufactured 12 sets of wooden handrails for CO's ladder wells.
- Manufactured more than 75 wooden door plaques for various HODS and Divisional spaces, along with brass engraving.

AUGUST

- Manufactured wooden HOD board for ship's quarterdeck.
- Re-manufactured wooden LCPO board for ship's quarterdeck.

SEPTEMBER

- Completely overhauled a reactor ventilation motor, including the manufacture of a new shaft, allowing the successful pressure testing of the Reactor Compartment.
- Fully outfitted the Motor Rewind Shop, including the completion of Balancing Machine repairs, allowing all motor rewind work to be done aboard.

OCTOBER

- Rewound or replaced bearings to more than 20 various types of motors for IKE, specifically for Reactor Department.
- Manufactured 50 Funnel Nuts for Reactor Control Division in support of reactor certification.
- Removed and replaced broken studs on ship's sliding padeyes, ensuring operation during dock trails.

NOVEMBER

- Manufactured 50 elevator pins for Aircraft Elevator Certification.
- Re-outfitted and brought the Machine Shop up to full operation.

DECEMBER

- Fully outfitted the Valve Shop, including the installation of a new Hydro Stand, allowing all valve repairs to be done on board.
- Removed, replaced and tested 6,000 feet of service steam piping.

DAMAGE CONTROL DIVISION

JANUARY

- Implemented DCIMS (Damage Control Information Management System) for cataloging all Repair Locker Materials.

FEBRUARY

- Completed refurbishment and restocking of 8 of 10 Repair Lockers.
- Implemented Command SCBA and EEBD training program.

MARCH

- Performed on board training with Afloat Training Group for all Repair Lockers and IET.

APRIL

- Completed refurbishment and restocking of remaining Repair Lockers.
- All SCBAs onloaded, serialized and hydrostatically tested.
- Completed overhaul of five water curtain systems.

MAY

- Transitioned from OBAs to SCBAs.

JUNE

- Trained eight Inport Emergency Teams in tactics of deep rescue and Class Bravo fires in preparation for JP-5 onload.

JULY

- Commenced rebuild of Solenoid Operated Pilot Valves for Washdown Countermeasure (WDCM) system.

AUGUST

- Completed test calls on all submersible pumps.
- Completed CO2 System Hosereels Overhaul.
- Established DCPO Tiger Team for assisting Divisional DC PMS performance.

SEPTEMBER

- Completed onload of P100 pumps and placed into service.
- Hydro tested fire hoses.

OCTOBER

- Completed test calls for Water Curtain Fire Fighting and Vital Perimeter Sprinkling System.
- Inventoried all Repair Lockers prior to crew certification.
- Completed crew certification.

NOVEMBER

- Brought on line and tested WDCM/AFFF System Remote Controls for Conflagration Stations and Hanger Bays.
- Brought on line and tested CO2 Fire Extinguishing System for 24 compartments.
- Onloaded flash gear for the crew.

DECEMBER

- Completed Hangar Bay and Flight Deck AFFF Hose Reels testing.
- Completed Ventilation System PMS training for 125 Damage Control Petty Officers to better maintain ship's systems.
- Processed work permits for NNS.
- Ongoing repair and testing for correcting discrepancies on AFFF and WDCM systems discovered during the shipyard test program.
- Onloaded 3,500 gallons of AFFF to bring ship up to 150 percent capacity for Sea Trials testing.
- Completed refurbishment of all DC tanks and voids.

3M/QA DIVISION

JANUARY

- Qualified 25 Craftsmen.
- Qualified 76 Maintenance Personnel.
- 26 Audits/ Surveillances conducted.
- 12 Control Work Packages closed.

FEBRUARY

- Qualified 25 Craftsmen.
- Qualified 76 Maintenance Personnel.
- 25 Audits/ Surveillances conducted.
- One Control Work Package closed.
- Trained 75 Personnel in Advanced QA.

MARCH

- Qualified 25 Craftsmen.
- Qualified 76 Maintenance Personnel.
- 27 Audits/ Surveillances conducted.
- Three Control Work Packages closed.
- Installed Revision A of JFMM.

APRIL

- Qualified 25 Craftsmen.
- Qualified 76 Maintenance Personnel.
- 22 Audits/ Surveillances conducted.
- 11 Control Work Packages closed.

MAY

- Qualified 25 Craftsmen.
- Qualified 76 Maintenance Personnel.
- 29 Audits/ Surveillances conducted.
- 6 Control Work Packages closed.
- Trained 75 Personnel in Advanced QA.

JUNE

- Qualified 25 Craftsmen.
- Qualified 76 Maintenance Personnel.
- 22 Audits/ Surveillances conducted.
- Eight Control Work Packages closed.

JULY

- Qualified 25 Craftsmen.
- Qualified 76 Maintenance Personnel.
- 25 Audits/ Surveillances conducted.
- 32 Control Work Packages closed.
- 3M Assist visit.

AUGUST

- Qualified 25 Craftsmen.
- Qualified 76 Maintenance Personnel.
- 25 Audits/ Surveillances conducted.
- 88 Control Work Packages closed.

SEPTEMBER

- Qualified 25 Craftsmen.
- Qualified 76 Maintenance Personnel.
- 25 Audits/ Surveillances conducted.
- 21 Control Work Packages closed.

OCTOBER

- Qualified 25 Craftsmen.
- Qualified 76 Maintenance Personnel.
- 23 Audits/ Surveillances conducted.
- Three Control Work Packages closed.
- Trained 75 personnel in Advanced QA.

NOVEMBER

- Qualified 25 Craftsmen.
- Qualified 76 Maintenance Personnel.
- 28 Audits/ Surveillances conducted.
- 3M Assist visit.
- Revision A, Ch. 1 of JFMM installed.

DECEMBER

- Qualified 25 Craftsmen.
- Qualified 76 Maintenance Personnel.
- 22 Audits/ Surveillances conducted.
- Trained 75 Personnel in Advanced QA.

ENGINEERING LOG ROOM

- Successfully met all administrative requirements for 20 Officers, 31 Chief Petty Officers and 350 Sailors.
- Processed more than 150 awards, 450 Fitness Reports/Evaluations, 125 reporting/transferring Personnel, 40 Department/Command Instructions or Notices and 200 security clearance investigations.

RCOH VENTILATION AND LAGGING TEAM

- Restored 500 of more than 600 Ship's Ventilation systems to full operation allowing the return of 3,000 Sailors to work and live aboard IKE.
- Assisted Reactor Department in emergent repairs to plant ventilation systems allowing the Critical Testing Program to commence on time.
- Professionally lagged more than 20 miles of piping and more than 500 valves returning IKE to full habitability status.
- The Ventilation and Lagging Teams were disbanded in December of 2004 after the superbly executed completion of the arduous task of restoring all ship's ventilation systems.

RCOH CABLEWAY DIVISION

- Provided invaluable assistance to the RCOH Ventilation Team in the restoration of more than 500 ventilation systems.
- Removed more than 70,000 feet (almost 13 miles) of cable, totaling 28 tons.
- Completed more than 500 work packages and more than 5,000 jobs.

TIC SHACK

- Safely managed the work controls for more than 15,000 jobs to include 18,000 tag outs.
- Superbly cleared more than 6,000 long standing work items in preparation for completion of RCOH and return to sea.
- Moved 15 Personnel and more than 30 computer systems to the Hangar Bay 1 Trailer without interruption of ship's work controls. This will allow continued work control support for the scheduled 2005 PSA.

RCOH SERVICE STEAM TEAM

- Replaced more than 4,000 feet of copper piping ranging in size from ½" to 2" in diameter.
- Completed the fit up and welding of more than 20 hot water heaters.
- Welded and restored 15 service steam risers allowing restoration of ship's hot water in support of returning 3,000 sailors to live and work aboard IKE.
- After three years in existence and with all RCOH service steam tasks expertly completed, the RCOH Service Steam Team was disbanded in November of 2004.

LEGAL DEPARTMENT

Legal Department

The staff within the Legal Department continued to be extremely busy throughout 2004, working long hours due to a high-volume of non-judicial punishment and court-martial cases.

- Tax Center opened in February and prepared approximately 278 electronic tax returns for IKE Sailors. The average tax refund was approximately \$2,408, with no cost to Sailor or dependents for preparation and electronic transmission to the IRS.

The disciplinary case stats for 2004 are as follows:

- General Courts-Martial: 0
- Special Courts-Martial: 36
- Summary Courts-Martial: 15
- Administrative Separations: 92
- Non-judicial Punishments: 181
- Article 32 Investigations: 3

MEDICAL DEPARTMENT

Medical Department

During this past year, IKE's Medical Department maintained its operational status. The emphasis was on medical readiness while in the shipyard to facilitate maximum crew availability for RCOH. IKE's medical readiness is top notch, having near-perfect numbers throughout the year. We are providing excellent, comprehensive health care to our Sailors, including education and counseling in preventive health and nutrition.

The following is a list of accomplishments over the past year:

Sick Call Visits	8,036
After Hours Visits	1,556
Aviation Medicine Visits	4,419
Physical Exams	
Commissioning	8
Dive	3
Flight	60
Flight Deck	306
Ordnance	10
Overseas Screenings	27
Periodic	406
Radiation Health	179
Reenlistment	68
Separation	250
Retirement	96
Other	328*

*Includes screenings for security, gun qualifications, school, weapons handling, etc.

Surgical Procedures

Outpatient	0
Inpatient	0

Admissions

Hospitals	110
Ward	0
ICU	0
Consultations	1,423

Ancillary Services

X-ray Exposures	341
Lab Procedures	11,337
Pharmacy Prescriptions	20,022

Preventive Medicine

Audiograms	1,635
Immunizations	3,206
PPD Tests Given	2,538
PPD Tests Read	2,364
Birth Month Recall Due	2,305
Birth Month Recall Seen	2,275
Inspection	956
Respiratory Physicals	941

Food Service Physicals	583
Asbestos Physicals	5
STD Workups	47
MRT Deployments	29
Eyewear Made Onboard	17
Eyewear Ordered	321
PAPS	189

Command and Departmental Inspections

*Birth Month Medical Surveillance Inspection	
Conducted by AIRLANT	96 percent
*Division in the Spotlight (3M/QA)	Outstanding
*Internal Radiation Health Audit	SAT
*External Radiation Health Audit	SAT
*Two Nuclear Propulsion Mobile Training	
Team Assist Visit (Radiation Health)	SAT

NAVIGATION DEPARTMENT

Navigation Department

The Navigation Department continued its outstanding track record of underway TAD training, advanced and qualified numerous personnel, and worked tenaciously to cross-rate Signalmen as the rating disestablished.

Seven sailors were underway for 72 training weeks. Platforms included: USS BATAAN (LHD 5) and USS RONALD REAGAN (CVN 76).

The Navigation Department's training efforts qualified the majority of personnel in their respective watchstations enabling IKE to stand up a full four-section bridge watch bill months ahead of schedule.

With the completion of the disestablishment of the Signalman rating, four Signalmen converted to the Quartermaster rating, one to Draftsman, one to Aviation Maintenance Administrationman and two to Personnelman. Though not manned to full capacity, Navigation Department stands ready to fulfill the challenging and rigorous task of taking IKE back to sea in 2005 combat ready.

OPERATIONS DEPARTMENT

Operations Department

OA Division

During 2004, OA Division experienced many changes in personnel and completed the rebuilding process making IKE's METOC Office combat ready. RCOH challenges of space rehabilitation and training coupled with an active tropical cyclone season made 2004 an interesting year for OA division. Great manning changes and challenges lie ahead in the upcoming year. In April 2005 IKE's OA manning will be reduced from current manning levels to only 1 LCDR METOC Officer, 1 AG1 (7412) and 2 AG3's. In anticipation of these manning changes, the division has been proactive in releasing responsibilities of numerous spaces to other divisions within Operations and other departments.

- Tropical Weather: A rewrite of the IKE's destructive weather instruction was completed prior to Second Fleet's Hurricane Exercise and prepared IKE for an extremely busy hurricane season. This year brought four major hurricanes ashore in Florida and one hurricane threatening, but not impacting, the Norfolk area.
- Communications/equipment: NITES 2000 and associated software installation was completed in August, tested and accepted during four FAST cruises in September and October. AN/SMQ-11 was installed, tested and accepted during these FAST cruises. UMQ-12 Mini-Rawinsonde System was installed in June, tested during August and September and accepted.
- Space Rehabilitation: OA worked diligently in coordinating and completing the rehab work in all of 11 division spaces. The first spaces to be completed in February were the OA berthing, head and passageway; ready five months prior to crew move aboard. The METOC office was complete except for installation of electrical matting and ready in April for crew work aboard. The balloon inflation room followed in June and the passageway outside of the METOC office in July. Extensive shipyard work prevented the gas cylinder storeroom to be completed prior to mid December.
- Training: With ever-changing IDTC requirements, a detailed and extensive Long Range Training Plan was developed and implemented in OA division in preparation of crew certification and to ensure the division is ready to provide full spectrum environmental support. OA division was organized into two watch teams and completed numerous training courses at the Naval Meteorology and Oceanography Professional Development Detachment, Norfolk, VA. Specific training completed included: AN-SMQ-11 Basic Users course, Tactical Oceanography Refresher, GMTAC, Air Defense, Search and Rescue, NITES 2000 Basic User and an in depth OA team trainer. This training, while not all-inclusive, will provide the foundation for the METOC team to provide real time at-sea METOC support during Sea Trials and Flight Deck Certification.
- OA division continues to operate as an independent METOC center providing numerous in-house products from daily weather forecast and five-day outlook to IKE leadership to providing heat index charts and forecasts to the Air Department in support of non-skidding operations. Starting in November the division began a three-day drive safe forecast to assist weekend travelers with highway and local airport conditions.

OC Division

OC Division has a full compliment of Air Traffic Controllers on board, consisting of three officers and 35 enlisted personnel. In the final phase of RCOH, all 25 OC division spaces have completed extensive rehabilitation.

- The CATCC Team successfully completed four Team Training evolutions at Naval Air Technical Training Center Pensacola, FL with an average evaluation score of 86 percent.
- Air Operations and CATCC now have state of the art equipment consisting of ISIS Boards, SATCC, ICANS, IVUTS and a block one upgrade for the ISIS and the TPX-42(V)14 field change two.

OF Division

- The Incident Report (IR) Program was re-instituted, and training for the use of new Consolidated Law Enforcement Operations Center (CLEOC) system began. The use of patrol zone areas was also developed.
- Opened 701 IR's with 586 being closed and 115 still open or under investigation.
- Recovered more than \$10,000 of stolen government merchandise.

3M Workcenter Supervisor

- 124 maintenance actions scheduled with 105 being completed, 15 being partial and four actions being deleted.
- 24 spot-checks conducted with an 85 percent pass rate
- Four OF Divisional spaces rehabilitated with various obsolete items being discarded and berthing area being reconfigured to better serve Security Division needs.
- 24 jobs completed under Ship's Current Maintenance Project.

Urinalysis

- Collected over 13,642 samples.
- Successfully completed unit sweep, testing 2,703 personnel. Finished unit sweep in just under 12 hours with more than 96 percent of crew the being tested.
- Processed 176 positive urinalysis messages as of December 23, 2004.

Training

- Successfully passed initial crew certification inspection.
- Implemented a new, more rigorous long-range training plan.
- Re-instituted weekly training for all patrol sections.
- Qualified 68 personnel in OC spray operator and 70 personnel in ASP expandable baton.
- Qualified 56 personnel as basic patrolmen and 11 personnel as Duty Security Officers.
- Qualified four In-Port Security Force coordinators and 101 personnel (with 93 graduating) in all aspects of Force Protection watch standing duties. Administered written tests to same personnel with an exam standard score of 87 percent.

LPO/Admin

- Scheduled 30 personnel for No-Cost TAD orders for various Force Protection courses with a 100 percent pass rate.
- Processed 221 leave chits and processed more than 200 special request chits.
- Responsible for four approved conversions to Master-At-Arms.

Force Protection

- Completed more than 720 Zulu Five Oscar Intruder Alert Drills.
- Completed more than 300 various Security Alert Drills.
- Completed more than 200 Anti-Terrorism Level I briefings with new personnel checking aboard IKE or those traveling OCONUS.
- Graduated 96 personnel of various ratings from the Inport Security Force (ISF) Academy with a total average of 89 percent.
- Established the first ISF crew for the command to assume total control of all Force Protection watches while inport.
- Qualified more than 250 Naval Security Force (NSF) and Inport Security Force (ISF) personnel in the use of non-lethal weapons, such as the expandable baton and oleoresin capicum pepper spray.
- Assisted CNAL in the creation of the PRISM weapons training simulator by providing six NSF personnel from IKE for the filming of the scenarios.
- Trained and qualified 25 E-7 and above personnel from the ship's duty section to stand the watch of Force Protection Action Officer.
- Deployed two Master-at-Arms in support of Operation Iraqi Freedom II, one to Iraq for combat operations and one to Guantanamo Bay, Cuba for detention operations.

OI Division

- Training as an Operations Specialist (OS) is a difficult task in a yard period, yet OI has found success in training and qualifications. By sending a large group of its personnel TAD to the USS RONALD REAGAN (CVN 76), USS JOHN F. KENNEDY (CV 67), USS HARRY S. TRUMAN (CVN 75), USS KEARSARGE (LHD 3), USS GEORGE WASHINGTON (CVN 73), USS THEODORE ROOSEVELT (CVN 71) and USS BATAAN (LHD 5), OI utilized opportunities to qualify and train its personnel.
- OI division has also made a major effort sending its personnel to schools. OS's have attended over 150 schools for Ship's Self Defense System (SSDS) basic, basic operator, advanced operator and warfare operator; Search and Rescue (SAR); Radar Navigation (RADNAV), Global Command and Control System Maritime (GCCS-M); Force Over the Horizon Track Coordinator (FOTC); Air Intercept Controller (AIC) intermediate; command financial specialist; Drug and Alcohol Program Advisor (DAPA), and safety programs afloat courses.
- The division also utilized local training facilities to train and maintain readiness by sending our RADNAV teams to Maritime Safety International and our GCCS-M operators to a refresher course.

- OI has utilized training time aboard the ship to prepare for getting underway. This was accomplished through weekly divisional training sessions and four simulated at sea training (SAST) cruises.
- OI division has been working extremely hard rehabilitating its 45 spaces, preparing spaces to be painted and tiled. The division has also been busy creating and updating the compartmental check off list (CCOL) database. OI spaces are now a complete 360-degree difference from a year ago. The division has also brought its maintenance system back on line.

OS01 Division

- Originally together, during a majority of the RCOH period, OS01 Division split from OZ and reformed into its own division. In addition, as OS01 transformed into its own Division, OS02 Division (formally known as OW) was brought on-line. OS01 Division encompasses the CTRs, CTAs, CTOs, CTMs, whereas OS02 Division houses only the CTTs. This compliments the challenges of intelligence and focuses rates on Electronic Warfare discipline (CTT rates) and Intelligence Warfare disciplines (CTR/O/A/Ms rates).
- An off-site working group identified shortfalls and highlighted areas for concern and areas that required targeted attention. In addition, it set a long range plan in preparation for CART, CREW CERT, Training, Professional and Personal Development, Organization, and physical training. Shortfalls in NECs and required training outlined in AIRLANT instructions were also identified. The off-site was the beginning phase of re-establishing OS and OZ Divisions while building a team of efficient, productive and professional Sailors.
- OS01 Division experienced many changes in personnel and organization, and started the rebuilding and retraining process that will make USS DWIGHT D EISENHOWER (CVN 69) combat ready. With RCOH nearing completion and Sea Trials on the horizon, the Division pushes forward in preparations for its part in combat readiness and the upcoming IDTC.
- An extensive Long Range Training Plan was developed and implemented in OS division in preparation for requirements in the IDTC and crew certification process; deficiencies in SSES training were identified. Numerous training days were scheduled and executed at the Center for Cryptology in Pensacola, Florida; NSGA Norfolk; Carrier Deployments of opportunity; and other training deficiencies. The result was greatly enhancing the level of training and seeking budgets and money to improve on existing requirements.

OS02 Division

- OS02 division has overcome the challenges of RCOH while keeping its Sailors professionally competitive. OW division became OS02, and was integrated into the ranks of Intel.
- OS02 division completed 75 JCN's in the Ship's Force Work Package, meeting all key events ahead of schedule.

OT Division

- OT Division experienced many changes in personnel and started the rebuilding and retraining process within the division.
- An extensive Long Range Training Plan was developed and implemented in OT division in preparation to provide a full spectrum of USW support. With changes in requirements in the IDTC and crew certification process, deficiencies in USW training were identified. Numerous training days were scheduled and executed at FASO in Norfolk and at Chamberlain Hall in Dam Neck, Virginia, where the enlisted aircrew personnel go through CV-TSC training earning the 7846 NEC.

OX Division

- Initially, OX and the OPSO were working out of Maintenance 7 until April. At that time, OX moved into their permanent spaces (03-139-2-Q) and began refurbishing the Operations Officer's Office (03-118-2-L) and Stateroom (03-108-2-L). He moved into his office in May.

Strike Ops

Calendar year 2004 was one of change for IKE's STRIKE OPS. Along with moving back onto the Ship, STRIKE OPS saw the arrival and departure of multiple personnel.

The daily duties of STRIKE OPS included the publication of the GREEN SHEET and the creation of multiple PowerPoint briefs for the CO, OPSO and AOM presentations and the management of the Ship's Long Range Plan. The STRIKE OPS team moved into their permanent spaces in April 2004. These consisted of 03-138-2-C (IKE STRIKE OPS), 03-138-0-Q (MISSION PLANNING ANNEX) and 03-138-1-Q (CAG OPS). The last few months of the RCOH has seen the team bringing the spaces up to standards. This included not only painting and final cleaning, but also the addition of a classified fax machine, STE phone, SIPR computer, NIPR computers, ISIS/ADMACS, shredders and GCCS-M Machines. STRIKE will receive its TBMCS machines during the PSA/SRA timeframe.

OZ Division

- Within the last year, Intel has returned to its normal status as a separate division, and has been growing in experience and personnel.
- While continuing to support the ship's rehabilitation efforts, OZ division has also professionally presented the Commanding Officer's intelligence briefings, sent personnel to NMITC for intelligence training, and continued to pursue our in-rate PQS qualifications.
- Additionally, OZ had the privilege and opportunity to send six of its members to the USS HARRY S TRUMAN (CVN 75) for her deployment in support of the global war on terror.

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RELIGIOUS MINISTRIES

DEPARTMENT

Religious Ministries Department

The command Religious Program provides for the Sailors' constitutional right to free exercise of religion. The Religious Ministries Department is a team of professionals dedicated to supporting the Commanding Officer in carrying out this responsibility. Additionally, Religious Ministries personnel offer guidance in the areas of ethics, morale, moral issues, pastoral counseling and core values training. The Religious Ministry Team (RMT) is comprised of Chaplains, Religious Program Specialists and other enlisted personnel temporarily assigned to the department.

- In preparation for crew move aboard, the chapel, crew's lounge, ship's library and all departmental office spaces were completely refurbished, providing many quality of life programs for the crew.
- Celebrated the grand re-opening of the ship's Library and Multi-media Resource Center in July. More than \$200,000 in computers, media resources and books are available for the crew to read and relax in a quiet environment.
- Protestant divine worship services were re-instituted in the ship's chapel, along with Sunday and weekday Catholic Mass and sacramental confessions. Additionally, weekly Bible studies resumed.
- The division coordinated numerous ceremonies this year, including Rev. Dr. Martin Luther King, Jr. holiday events, a Cultural Heritage Appreciation event, a POW/MIA Remembrance Day ceremony, Thanksgiving and Christmas services, and memorial services for fallen IKE warriors.
- RELMIN affects the spirit of the ship in a variety of other ways as well. Daily reading of the "Good News" scripture at the Executive Officer's Sunrise meeting; the delivery of an evening prayer both inport and "underway" (i.e., during Simulated At Sea Training) cruises; faith impacting articles in the ship's weekly newsletter; weekly post-DRB (Discipline Review Board) counseling with Sailors; participation in School of Ship; pastoral visits to workspaces, jails, brigs, homes and hospitals all contribute to the spiritual well being of the ship's company.
- The department processed hundreds of American Red Cross messages for IKE Sailors. Chaplains continue to be available for pastoral care and counseling on a variety of issues, 24 hours a day/seven days a week.

SAFETY DEPARTMENT

Safety Department

As the ship entered its fourth year in the challenging shipyard environment, the Safety Department maintained its increased manning level in order to promote the health and safety of the crew and successfully preserve material assets during the Refueling Complex Overhaul (RCOH) period.

As the New Year began and IKE prepared for the increasing demands ahead in Northrop Grumman Newport News shipyard (NGNN), Safety ensured every IKE Sailor received refresher shipyard safety training.

- A safety stand down titled “Back in the Saddle” was conducted to address the numerous hazards present in NGNN including crane safety, Personal Protective Equipment (PPE) requirements and safe transiting through the ship and shipyard facility.
- The Safety Department worked closely with the NGNN Environmental Health and Safety (EH&S) task team to identify and correct hazards present on the ship and around the shipyard. This positive relationship has continued throughout the RCOH period, with weekly EH&S/IKE Safety task team meetings and constant communication between departments.
- Ship’s force identified and fixed 1,385 shipboard hazards. Weekly hazard reports were collected from NGNN EH&S personnel and the Safety Department through combined reporting and joint shipboard safety inspections. These findings were tracked and presented at the weekly Commanding Officer’s RCOH agenda meetings.
- Issuing and maintaining PPE has been a continuous process as new Sailors arrive aboard IKE and current PPE degrades due to wear and tear. More than \$60,000 was spent on PPE, including heat stress information cards, hard hats, wet bulb thermometers, safety glasses and flashlights.
- Traditional shipboard Safety programs also played a significant role during the yard period. Safety successfully managed 15 Navy Occupational Safety and Health (NAVOSH) programs. To facilitate the successful continuation of the Ship’s Force Work Package (SFWP), the Safety Department maintained a certified asbestos bulk identification laboratory aboard the ship with 100 percent proficiency ratings.
- More than 130 paint/asbestos samples were screened, six noise surveys were performed and four air samples were collected by the Industrial Hygiene Officer (IHO) and two E-6 Lab Technicians.
- Approximately 940 Sailors received respirator training and fit testing on standard half-face and in-line respirators during this period.
- A comprehensive heat stress program was trained to and executed. This program ensured the entire crew was trained to recognize heat stress signs and symptoms as well how to prevent personal heat stress. Information cards outlining the signs of heat stroke and heat exhaustion, as well as safe stay times when working in heat stress conditions were issued to the crew. The training program, coupled with an aggressive monitoring system and emphasis on Operational Risk Management (ORM) practices during all activities, minimized heat stress mishaps during the summer months.
- With this year’s focus on test and certification of equipment that had been out of operation for over a year, the importance of ORM became obvious. Safety sent two personnel to weeklong off-site training to be certified as ORM Instructors, able to train and certify other personnel for this critical Safety process. The ORM instruction was re-

written to ensure continued standardized ORM training for the command using the on-line ORM University.

- Keeping IKE Sailors safe at home and on liberty was a major focus for the Safety Department in 2004. IKE executed renewed focus on traffic safety initiatives and training to the command. Safety assumed the lead for coordinating all motorcycle-training quotas for the Motorcycle Safety Foundation rider's course and established a close liaison with the Naval Safety Center to ensure required participation among IKE sailors.
- Through the assistance of 76 Divisional Safety Petty Officers (DSPOs), Safety ensured all personnel received Holiday Traffic and Recreational Safety training before each holiday or long weekend. The department conducted four executive level Officer Safety Councils and 12 Enlisted Safety Council/DSPO meetings.
- Environmental protection is a key element in Safety's mission. In June, Safety took the lead in supporting local community Earth Day events by leading a team of 75 IKE volunteers in cleaning three Newport News area parks in concert with other outside agencies. This positive team effort included picking up litter, pulling weeds, putting down mulch and planting bushes.

SUPPLY DEPARTMENT

Supply Department

The Supply Department demonstrated their ability to professionally and efficiently support the crew on board the ship. The most significant challenge this year was to disestablish all temporary Floating Accommodation Facility services and reestablish all services aboard IKE.

- The Food Service Division opened the Mess aboard the ship in April. COMRATS was discontinued in August 2004. Meal hours were extended aboard to support Crew Certification and preparation for Sea Trials. The Food Service Division now serves more than 7,000 nutritious meals daily to a crew of more than 3,200. Food inventory is in excess of one million dollars. The division continues to be versatile and supports the crew in every way possible, providing morale throughout the ship. The Thanksgiving meal was a complete success, with more than 800 family members and shipyard workers celebrating aboard.
- The Sales and Services Division provided outstanding services to the crew. A measure of the division's success is the contribution of nearly \$300,000 to IKE's MWR. The continued successful operation of the Ship's Store, 7-11 and IKE Mall, coupled with the grand reopening of the new and improved, state of the art, ship's laundry increased the quality of life for all IKE Sailors. The newly renovated Barber Shop provided standard, military style haircuts to more than 30 patrons daily.
- The Disbursing Division provided superb support to the 3,200 crew members aboard IKE. It managed disbursements in excess of \$5.5 million, deposits of checks and cash exceeding \$3 million, and collections totaling more than \$3 million. The division processed more than 2,400 travel claims and 3,600 allotments and successfully passed a surprise Field Examination Group audit.
- The Wardroom Hotel Services Division continued to perform complete renovations and rehabilitation of more than 375 staterooms and office spaces. The Wardroom Division successfully renovated more than 108 spaces this calendar year.
- The Postal Division's year was highlighted by an in depth conversion to FLEXIBLE credit and a challenging move back onto the ship.
- Aviation Supply Division was reestablished in August. S-6 personnel are completing renovation and rehabilitation of 37 spaces.
- The S-7 Rehabilitation/3M/DC/Ship's Force Work Package Division, augmented by 35 Supply Department personnel, continued to schedule and track the completion of more than 2,500 ship's force generated jobs. Working under the most arduous conditions, the 3M/DC team implemented Force Revision 1-04 and 2-04, while continuing the maintenance on 1,518 pieces of Damage Control Equipment spread out through more than 843 Supply Department spaces. This command team performed preventive and corrective maintenance on more than 2,000 pieces of DC equipment throughout the ship within a 60 day time period. The 3M/DC divisions expanded from four work centers to

10 while supporting the command 3M/DC tiger team. The Rehabilitation Team continued their efforts of refurbishing spaces, performing minor repairs, deck grinding, paint preparation and stenciling in staterooms, storerooms, and departmental office spaces. They also implemented the Supply S-10 (QA) Division.

- The HAZMAT Division provided excellent support in the refurbishing and rehabilitation efforts by the ship's force. The division proficiently managed the acquisition, storage and issue of more than a million dollars of materials required for the SFWP including more than 2,000 gallons of paints and primers. The Hazmat storerooms rehabilitation is about 90 percent complete and numerous minor upgrade or modifications are ongoing to improve storage. Also, a new Hazardous Minimization Center was built to accommodate rising requirements for Hazmat and cleaning chemicals and supplies.
- The Logistic Support Center (LSC) continues to be the focal point for the ship's procurement needs. This year, LSC managed an OUTAR budget of \$6.7 million: \$2 million for continuing services, \$2 million for SERVIMART purchases, \$1.5 million in OUTAR credit card purchases, \$900K for more than 1,200 NSN and MILSTRIP requisitions, and \$300K for contracts and open purchases in support of the ship. The division researched various command cell phone options and cut costs from the previous year by more than \$50,000.
- The Supply Material Division continued to play a critical role in the completion of 1,700 Ship's Force Work Package (SFWP) jobs. Supply Ship's Force Work Package Expeditors ordered and expedited more than 3,340 items worth \$3.7 million in support of RCOH and expedited short fused critical material requirements. The Outfitting division trained departmental and divisional representatives in the configuration and line item review of Allowance Equipage Lists (AEL) and General Use Consumables List (GUCL). IKE successfully reviewed and processed 35 Allowance Change Requests (ACR) through Supervisor of Shipbuilding (SOS) allowing accurate mission supports. Additionally, S-8 processed more than 7,042 pallets of departmental SCOOP/AEL/GUCL material for either onload or processing to Defense Reutilization and Marketing Office (DRMO).

TRAINING DEPARTMENT

Training Department

IKE's Training Department continued to excel in 2004, monitoring and tracking training and qualifications for all departments in preparation for Crew Certification. Additionally, the department published and maintained the ship's Long Range Training Plan, ensuring uniformity in training topics ship-wide.

- Training Department moved aboard the ship in May after three years working in the a shore facility, located several blocks from the ship.
- In July, COMNAVAILANT conducted Crew Certification Phase IA, an advanced look at IKE's training program for the type commander to assess the program and offer any assistance necessary. The ship was found to be on track during this visit.
- In August, Crew Certification Phase I was conducted, focusing on the administrative training programs. The ship was found to be administratively sound and on track for Crew Certification Phase II.
- In November, COMNAVAILANT conducted Crew Certification Phase II. This phase focused on the watchstander qualifications and the execution of watches and emergency drills in a simulated underway environment. IKE satisfactorily completed this certification and was found to be exceptionally qualified to get underway.

WEAPONS DEPARTMENT

Weapons Department

Consisting of five divisions, Weapons Department is responsible for the procurement, stowage, assembly and movement of all shipboard security arms and ammunition; the overhaul and rehabilitation of 220 departmental spaces; 10 weapons elevators; 35 magazine sprinkler systems and several major ship-alterations while undergoing overhaul. Weapons Department also operated the ship's Transportation Division, which operated and maintained 136 vehicles.

G-1 Division

- Installed nine Jettison Lockers and three Ready Service Lockers.
- Onloaded 10 Raymond Electric Forklifts.
- Onloaded 15 Pallet Trucks.
- Onloaded 200 pallets of Armament Weapons Support Equipment/parts.
- Installed seven battery chargers.
- Rehabilitated and painted 10 divisional spaces.
- Efficiently and safely transported 40,000 personnel monthly over one million miles.
- Created a comprehensive vehicle management database to provide flawless control and tracking of maintenance, up-keep, requisition, receipt and turn in of command vehicles. The division managed a budget of \$750,000 and maintained 136 command vehicles.
- Qualified approximately 300 IKE Sailors on 5 ton and Bus Instructor, saving the command \$3,000.
- Supported security requirements at the civilian facilities at the G E Warehouse. Division personnel provided security, manned the Gate Guard Shack and vehicle compound 12 hours a day.
- Overhauled eight EE forklifts.

G-2 Division

- Trained and qualified more than 2,900 personnel in the safe handling and use of the 9MM handgun, M-14/M-16/M-60 machine guns, 12 gauge shotgun and .50 cal operators/loaders.
- Safely downloaded and uploaded more than 2,900 duty section personnel without incident.
- Developed and implemented a comprehensive weapons training/PQS program.
- Trained more than 2,900 personnel in the use of deadly force and new force protection procedures.
- Managed extensive weapons qualification records for more than 2,900 shipboard personnel.
- Tested and maintained 33 magazine sprinkler protection systems.
- Scheduled and performed more than 300 PMS requirements on 150 small arms.
- Installed 50 cal. mounts, ready service and gun lockers for 360-degree force protection coverage.

G-3 Division

- Attended AIRLANT Mobile Ordnance Training Team training, a total of eight classes consisting of 86 personnel for bomb assembly and Fleet Sentencing training ensuring more than 76 percent of division personnel remained proficient during overhaul.
- Provided 10 personnel in support of Carrier Air Wing operations and CV(N) ordnance offloads.
- Safely trained and qualified 24 personnel in the operation of the weapons elevator.
- Rehabilitated 40 weapons magazines, and 180 additional spaces.
- Certified 30 Ordnancemen in the Ordnance Qualification / Certification Program.
- Continued to accomplish RCOH maintenance with minimal resources of material and personnel. The division's current manpower is 113 personnel with 16 TAD to support other departments throughout the command. To date the division is behind planned completion dates, due to funding being removed for magazine work.
- Completed a total of 400 preventative maintenance actions and more than 921 ship's force jobs.
- Oversaw the complete refurbishment of two special weapons magazines to universal magazines, which will enhance the weapons stowage capability and combat readiness within Weapons Department. Currently Aft SASS Magazine is being used as a training room for Reactor Department.
- Removed and refurbished 20 gravity cooling coil units currently installed in magazines.
- Removed 3,320 pieces of equipment from IEM, leaving only 20 percent of divisional equipment in IEM.
- Completed two ordnance "safe for sea" ammo onloads, consisting of more than 35 lifts of ammo, with no injuries and no discrepancies.

G-4 Division

- Completed more than 450 Ship's Force jobs in the overhaul of 10 weapons elevators, nine machinery rooms, 41 divisional spaces and 10 hoists. Averaged a monthly 100 percent RAR in the completion of over 37 PMS checks a week.
- Qualified 88 department personnel as weapons elevator operators and safety observers.
- Managed the departmental weekly TAGOUT Audit of more than 300 system danger tags located throughout the ship, and oversaw the Ship's Operable Management System (SOMS) data base, consisting of a minimum of 876 weekly work packages.
- Maintained a complete and comprehensive rate-training program for three different (AO, EM & MM) ratings, maintaining all qualifications, and necessary study aids, which were conducive to a rich advancement environment.
- Safely executed 175 elevator evolutions to support the removal and replacement of the ship's Reactor Plant assets and the NGNN refurbishment and overhaul of IKE.
- Rehabilitated/painted eight divisional spaces.
- Scheduled and performed more than 623 PMS requirements on 10 Weapons Elevators, nine Machinery Rooms and two Hydraulic Plants.

- Made structural repairs on LS No. 1 Weapons Elevator: Manufactured and installed new anchoring eyes. Installed door & ramp limit switches protective barriers. Installed size D stuffing tube, removed 3rd deck hatch latch pin and deck preservation.
- Mechanical repairs on LS No. 1 Weapons Elevator: Evaluated the condition of hydraulic cylinders and repaired and replaced speed reducer oil seals. Repaired LS No. 1 Weapons Elevator 2nd platform fwd VSWT door manifold directional control valve. Manufactured & installed 1st platform door manifold valve cover. Repaired 1st platform aft HSWT door ramp attachments arms, and fwd VSWT door starboard op cylinder gland seal. Repaired 4th deck aft door fixed ramp edge, repaired 3rd deck hatch gasket retainer and replaced gasket. Tighten 3rd deck hatch retractable rail cylinder rod to clevis, and replaced main deck aft VSWT drive manual ramp hinge hardware.
- Conducted operational test and calibrated overspeed governor on LS 2, 3, 4, 5 and 6.
- Conducted weight test on LS 2, 3 and 4.
- Mechanical repairs on LS No. 2 Weapons Elevator: Replaced speed reducer oil seal and upgraded 4-74 door cylinder rods (two each).
- Mechanical repairs on LS No. 3 Weapons Elevator: Repaired 6-84 starboard side ramp linkage and refurbish 2nd platform aft HSWT door ramp latch assembly.
- Electrical repairs on LS No. 2 Weapons Elevator: Installed additional lighting in 3rd deck hatch area, replaced brake solenoid bolt locking tabs and relocated 1st platform call signal station.
- Repairs on LS No. 4 Weapons Elevator: Replaced electrical cable 1st platform fwd VSWT door directional control valve and Inboard VSWT door ramp retract limit switch. Upgraded 5-74 door cylinder rods (2 each) and replaced main deck hatch gasket & clear drainage system.
- Mechanical repairs on US No. 2 Weapons Elevator: Inspected the condition of hydraulic cylinders and replaced speed reducer oil seals. Replaced main hoist wire rope slack cable device plung bushings and straighten main hoist aft port sheave retainer. Replaced brake electrical cable and main hoist motor disc brakes. Manufactured and installed safety chain anchoring eyes. Installed door & ramp low speed protective barriers and removed 2nd deck inboard VSWT drive proximity switch & foundation. Disassembled & refurbished safety linkage, and replaced platform guide rollers.
- Mechanical repairs on US No. 2 Weapons Elevator (2nd deck): Replaced inboard VSWT drive bumper slides & fasteners. Installed aft VSWT door op cylinder anti-drift hardware. Repaired door manifold leak and inboard VSWT drive ramp op cylinder rod a/r guide.
- Mechanical repairs on US No. 2 Weapons Elevator (main deck): Repaired main deck hatch aft operating cylinder rod & clevis. Modified main deck aft VSWT drive outboard switch foundation. Manufactured & installed aft VSWT drive operating cylinder rod mandrel. Cleaned & preserved main deck inboard VSWT drive ramp sheave. Installed drive ramp sheave pin grease fitting and repaired inboard door manual ramp.
- Mechanical repairs on US No. 2 Weapons Elevator (02 level): Installed outboard VSWT door c/s enclosure and repositioned outboard drive safety chain height and call signal station.
- Mechanical repairs on US No. 2 & 4 Weapons Elevators (Flight Deck): Manufactured and installed hatch latch assembly personnel protector barrier. Replaced hatch control station gasket, control station hinges and hatch dog assembly bearing plate screws. Manufactured and installed hatch ramp aft latch dev. Label plates, adjusted hatch

open/close times IAW SOT Level III requirements. Adjusted open/close operational cylinder cushions. Replaced hatch hinge assemblies and clear drainage system.

G-5 Division/3M-QA/Admin

- Maintained and managed all department Ship's Force Work Package items. Tracked more than 2,919 jobs, completing 1,858 to date.
- Tracked training, TAD orders, departmental 3M and Quality Assurance review reports. To date, more than 900 RCOH Quality Assurance Surveillances have been completed and submitted without rework.
- Maintained liaison with all shipyard and private contractors during IKE's RCOH.
- Scheduled and completed 840 Material Readiness Checks and completed 650 spot checks.
- Provided administrative support for more than 300 weapons personnel.
- Maintained 100 percent ammunition accountability.