



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 of Naval History (OP-09BH)

Subj: SUBMISSION OF COMMAND HISTORY

Ref: (a) OPNAVINST 5720.12E

Encl: (1) Command History for USS DWIGHT D. EISENHOWER (CVN 69)
for operational period 1 January to 31 December 1999.

1. Per reference (a), enclosure (1) is forwarded.

H. D. Starling II
H. D. STARLING II

Copy to:
COMNAVAIRLANT
COMCRUDESGRU EIGHT

USS DWIGHT D. EISENHOWER (CVN 69)
COMMAND HISTORY
1 JANUARY -- 31 DECEMBER 1999

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COMMAND COMPOSITION AND ORGANIZATION

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

The CVN mission is to provide sea-based tactical air power to protect America's right to freedom of the seas as well as defense of United States sovereignty. In the actual realization of the "Forward ... From the Sea" doctrine, IKE is capable of projecting tactical air power over sea and land. In concert with its contiguous Battle Group, which would be tailor made and trained to meet any general or specific tasking, IKE is fully capable to accomplish the Navy part of a Joint-Service or Allied mission in one or more of the following six arenas:

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

Considerable overlap is provided in each mission area to cover multiple contingencies with economic deployment of available resources.

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. Originally named EISENHOWER on February 21, 1970, and classified as a CVAN (for attack), the ship was renamed DWIGHT D. EISENHOWER on May 25, 1970. After commissioning, the ship was redesignated a multi-mission capable platform, and the attack identifier was dropped.

The keel of the ship, as Hull 599, was laid by Newport News Shipbuilding and Drydock 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.

In 1999, USS DWIGHT D. EISENHOWER (CVN 69) won it's eighth and second consecutive COMNAVAIRLANT Battle Efficiency Award.

III. Organization Structure

a. Immediate Senior in Command is Commander, EISENHOWER Battle Group.

b. The Operational Commander embarked is Commander, EISENHOWER Battle Group, also known as Commander, Cruiser-Destroyer Group EIGHT. RADM John B. Foley III, USN, assumed duties as COMIKEBATGRU and COMCRUDESGRU EIGHT from RADM Scott A. Fry, USN, in August 1998. RADM Foley's biography is enclosed.

c. The Commanding Officer is CAPT H. Denby Starling II, USN, whose biography is enclosed.

d. The Executive Officer is CAPT John K. Stuart Jr., USN, whose biography is enclosed. He relieved CAPT James R. Symonds, USN, whose biography is also enclosed.

e. The department heads as of 31 December 1999 were:

ADMIN	LT	[REDACTED]	
AIMD	CDR	[REDACTED]	
Air	CDR	[REDACTED]	
Combat Systems	CDR	[REDACTED]	
Deck	LCDR	[REDACTED]	
Dental	CDR	[REDACTED]	, DC
Engineering	CDR	[REDACTED]	
Legal	LCDR	[REDACTED]	, JAGC
Medical	CAPT	Nils Erickson, MC	
Navigation	CDR	[REDACTED]	
Operations	CDR	[REDACTED]	
Reactor	CAPT	Dennis Ourlian	
Religious Ministries	CDR	[REDACTED]	, CHC
Safety	CDR	[REDACTED]	
Supply	CDR	[REDACTED]	
Weapons	CDR	[REDACTED]	

f. The embarked air wing is Carrier Air Wing SEVEN (CVW-7) commanded by CAPT Richard D. Jaskot, USN. The embarked squadrons include:

HS-5	Helicopter Antisubmarine Squadron (Night Dippers)
VF-11	Fighter Squadron (Red Rippers)
VS-31	Sea Control Squadron (Topcats)

VAW-121 Carrier Airborne Early Warning Squadron (Blue
Tails)
VFA-131 Strike Fighter Squadron (Wildcats)
VFA-136 Strike Fighter Squadron (Knighthawks)
VAQ-140 Tactical Electronic Warfare Squadron (Patriots)
VF-143 Fighter Squadron (Pukin' Dogs)

DEPARTMENT STATISTICS AND ACCOMPLISHMENTS

ADMIN DEPARTMENT

ADMIN Department affects everyone on board the ship. Tasked with providing administrative assistance to the Executive Officer, the department's diverse divisions are responsible for many service-related functions for the crew.

Comprised of 6 divisions with 17 work centers, the department handles all officers' and enlisted Sailors' service records, educational, and advancement matters, and all shipboard print requirements. ADMIN Department provides closed circuit television programming, a daily newspaper, and quarterly familygrams, as well as entertainment bargains through its Morale, Welfare, and Recreation division.

X-1 DIVISION - CO ADMIN/XO ADMIN/PRINT SHOP

The Captain's Office consists of one Yeoman who performed the following duties:

- Processed all command awards.
- Managed the Officer Sponsor Program.
- Processed all officer fitness reports.
- Prepared all personal and official correspondence for the commanding officer.
- Prepared invitations.
- Maintained officer's alpha and social rosters.
- Verified command Officer Distribution Control Report.
- Drove CO to official functions.

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

- Transferred and received all officers.
- Processed all officer leave requests.
- Verified all officers' service records and DEERS enrollment.
- Tracked all officers' promotions and associated paperwork.
- Produced 365 Plans of the Day.
- Processed official mail for the entire ship, CCDG-8, and CVW-7.
- Proofread all correspondence for the Executive Officer.
- Typed the XO's Daily Schedule and Tickler.
- Maintained directives for the command.
- Prepared command directives.
- Processed and tracked higher authority awards.
- Monitored Yeoman training.
- Routed all mail and correspondence.

- Prepared Ombudsman newsletters for mailing.
- Provided administrative support for the Command Master Chief.

X-2 DIVISION -- PERSONNEL OFFICE

- Maintained accurate accountability and verification of nearly 3,000 enlisted service records.
- Implemented a 6-month tracking system to monitor EAOS/extensions, directly impacting the command's successful Retention Program inspection.

X-3 DIVISION - SPECIAL SERVICES

Special Services arranged for tours and entertainment for the crew and embarked air wing. This division, comprised of Sailors from various departments throughout the ship, maintained two gyms and a plethora of recreational equipment.

X-4 DIVISION -- PUBLIC AFFAIRS

The IKE Public Affairs Team was extremely active in 1999, providing the crew with four channels of television, 24-hours-a-day, a daily ship's newspaper, and updating the command's Web Page.

We also began an ambitious project to provide local news stories to the crew utilizing newly acquired electronic newsgathering (ENG) equipment. Rather than duplicating what is available to the crew via satellite, a Monday through Friday *IKE Today!* television news show travels throughout the ship, highlighting various work centers and newsworthy events.

The division also kept IKE families abreast of what their sailors were doing by creating nearly 100 stories for outside release and processing more than 1,400 Fleet Home Town News forms.

The Public Affairs staff was also responsible for coordinating visits by more than 200 guests, both in port and underway, including Cub/Boy Scout Troops, foreign dignitaries, U.S. Congressmen and Senators, and leaders of major industries.

We also coordinated visits by more than 50 local, national and foreign media representatives.

In 1999, we hosted NASCAR Craftsman Truck Series drivers while underway.

X-5 DIVISION -- EDUCATIONAL SERVICES OFFICE/COMMAND CAREER COUNSELOR OFFICE

The Educational Services Office serves as a "mini" Navy Campus.

The POD, command notices, and television aggressively advertise all upward-mobility programs.

ESO provides instructions for determining eligibility requirements for advancement, preparing necessary forms, ordering

custody and disposition of Navy-wide examinations, administration of all examinations for advancement in rate, change in rating, and administration procedures for effective advancements.

In 1999, the Career Information Office processed thousands of enlisted personnel action requests - ranging from reenlistment, to retirement.

X-7 DIVISION - SECURITY

Security Division consists of five workcenters: Patrol, Brig, Admin, Urinalysis, and Investigations. Assigned are 64 personnel who perform the following duties and provide the following services:

- Conduct security patrols, inspections, and respond to emergency situations.
- Assign security posts inport and underway.
- Conduct Criminal Investigations and maintain liaison with NCIS.
- Manage Crime and Loss Prevention Programs.
- Provide Anti-terrorism and Force Protection training to Crew.
- Directly oversees the Command Urinalysis Program.
- Directly oversees the Command's Brig.
- Provide consumer services for finger printing, lock cutting, registration of personal property, money escorts, VIP escorts, and bailiff duties.
- Processed 54 prisoners for the Brig.
- Collected 5,499 urinalysis samples - returning 146 positive drug samples.
- Wrote 100 incident complaint reports.
- Conducted four Phase I Law Enforcement Academies and trained more than 75 TAD personnel.

AIRCRAFT INTERMEDIATE MAINTENANCE DEPARTMENT (AIMD)

For the first half of 1999, AIMD was busy with the challenge of a four-month Planned Incremental Availability (PIA) at the Norfolk Naval Shipyard. Many needed repairs were made that kept us exceedingly busy. After PIA, the AIMD team worked hard together with our counterparts in Supply and CVW-7 in preparing for deployment 2000. Benchmark quality repair and manufacture of aircraft components yielded improved CVW-7 aircraft readiness throughout a shortened turnaround period and an intense work-up cycle.

Key to our many successes during workups were:

- Utilizing lessons learned from other AIMDs
- Having NATEC technical representatives assist in the grooming of avionics test benches

- Ensuring NAMP programs were in-place {38 online of 39 programs during 1999 CAMSEE}
- Close liaison with IKE's Supply Department to ensure adequate supply support was aboard

Total involvement at all levels brought it together. Three of our NAMP programs were lauded the best in the Atlantic Fleet for 1999: Manpower, ABO & ALSS (see CNAL 240050Z JAN 00).

Additionally, AIMD provided superb aircraft and non-aeronautical support to the entire Battle Group. IKE AIMD is extremely proud of its outstanding contributions to IKEBATGRU's success in meeting the challenges of COMPTUEX and JTFEX.

AIMD personnel were directly involved with a variety of habitability projects during PIA resulting in the following accomplishments:

- Tile Jobs - More than 31,000 square feet of tile laid in 91 spaces
- Lagging Jobs - 364 jobs in over 86 spaces
- Paint Jobs - 523 spaces preserved and painted
- Water Tight Door - Complete refurbishment of 210 WTDs
- Non-Tight Door - Complete rework of 382 NTDs
- Fire Watch Services - Provided for more than 870 shipyard and ship's force jobs.
- Ventilation System cleaning - 308 systems traced and cleaned.
- Compartment Refurbishment - Total of 850 compartments.

IM-1 Division

Production Statistics:

- Items processed - 18,259
- Man-hours - 55,164
- AMSU inductions - 6,957
- RFI - 5,983 (86 percent)
- Processed more than 450 evaluations, more than 250 awards submissions, and ensured correct processing of at least 150 messages per month.
- Submitted in excess of 500 TAD requests for various assignments from TAP to house hunting to "C" school to OJT at various shore IMA facilities.
- QA completed in excess of 200 work center quarterly audits, program audits, and monitors.
- During the CNAL CAMSEE Inspection, AIMD had 38 of 39 programs online. Average for East coast carriers is 32 online. Received BZ from CNAL for Manpower, ABO Surveillance, and ALSS.

- Submitted 13 NAMDRP reports on more than \$2 million worth of equipment. One EI submitted on the Consolidated Automated Support System (CASS) AN/USM-636 (V) has led to a Navy-wide Support Equipment Bulletin (SEB-814) requiring all CASS activities to inspect for proper seating of DTU Circuit Cards.

- Tested, interviewed, trained, and qualified 47 ship's company CDIs, 33 SEAOPDET CDIs, six QARs, and three CDQAR.

- Reviewed and updated 27 CDI Exams.

- Qualified three Gas-Free Engineers.

- Deleted more than 700 Technical Manuals that were either obsolete or for equipment no longer supported by AIMD, decreasing workload on CTPL and the work centers.

IM2 DIVISION

- The door team completed repairs to 423 non-tight doors throughout IKE. More than 3,828 man-hours were devoted to inspecting and rework in less than 120 days, saving the Navy \$385,000 in replacement costs.

- Performed space maintenance on 22 spaces to include floor tile replacement, reapplication of non-skid, painting, and general cleaning and upkeep.

- Successfully performed full performance test cell verification runs on the F110-GE-400, F404-GE-400, J52-P408A jet engines and the GTC36-200/201 auxiliary power units.

- Performed a total of 45 mishap free jet engine test cell runs on 39 combined engines and auxiliary power units.

- Repaired and issued 15 F404-GE-400, 7 TF34-GE-400, 4 F110-GE-400, 3 J52-P408A, and 2 T700-GE-400, and 8 GTC36-200/201 Auxiliary Power Units.

- The Oil Lab processed more than 3,500 combined oil, hydraulic, and radar liquid coolant samples.

- Manufactured and set up a display board for visitors during Family Day Cruise.

- Repaired a SH-60 rotor tip cap, tail rotor drive shaft cowling, and intermediate gearbox cowling saving \$7,000.

- Repaired an E-2C elevator and MLG door saving \$12,000.

- Repaired two F/A-18 nose struts and one F-14 nose strut.

- Designed and manufactured two F-14 cooling lines.

- Manufactured more than 287 hose and tube assemblies.

- Received a Letter of Appreciation from CO VAW-121 for outstanding product support.

- Completed more than 890 NDI inspections.

- Completed more than 740 calendar inspections on ALSS equipment, while maintaining a 99.5 percent RFI rate.

- Completed more than 300 sewing projects supporting various departments throughout IKE:

- 80 cable bag covers for avionics test benches.

- 50 kneeling pad covers for IKE Chapel.

- A cover for the conference table for IKE's CO.

- Numerous curtains and covers for passageways and shipboard equipment.

- Reupholstered/repared gym equipment pads enhancing quality of life.

- Repaired 10 Emergency Escape Devices in support of BGIMA.

- Recovered and returned to service within 3 days, four NES-14 parachutes, four MK-7A drogues, and four Seat Survival Kits after an EA-6B emergency reclamation incident, minimizing aircraft down time.

- Completed SEC 544 to the Helicopter Emergency Escape Device compressor, increasing AIMD's ability to support of the Navy's new and improved SRU-40 HABD Unit.

- Completed SEC 5430 to the Oxygen Components Test Stand, allowing for the testing of the Navy's new Combat Edge Oxygen regulator, to be used on all shipboard assigned aircraft.

IM-3 DIVISION

- Instrument Repair Work Center (W/C 62B) maintained RFI rate of 88 percent.

- Performed 1,828 electrical/electronic calibrations and repairs.

- Performed 3,020 physical/mechanical calibrations and repairs.

- After 5 months of preservation, successfully reactivated the MA-2 A/C Generator Test Bench and E-2C Radar Test Bench Set to operational status.

- Researched and obtained out of stock parts for work around procedures for MA-2 Bench, culminating in decreased generator repair turn-around time by 40 percent.

- Outstanding liaison with Northrop Grumman and COMNAVAIRLANT resulted in flawless modification of E-2C Radar Test Bench Set to Group II update completed two weeks ahead of schedule.

- Repaired two lead-acid and one nickel-cadmium battery chargers after two years of inactive status, ensuring 100 percent charge/service availability to CVW-7.

- Expeditiously repaired 85 generator and battery system components that were critical for COMPTUEX flight missions.

- Repaired three radar rigid coaxial waveguides that are normally depot level repair, efforts saved the Navy more than \$13,000, and returned an E-2C Aircraft to full mission capable status.

- Radar Work Center (w/c 630) processed in excess of 400 items while maintaining a 95 percent RFI rate.
- Logged more than 700 hours of OJT on board IKE and at NAS Oceana for the AWM-23, RTS, CASS, and RSTS test benches.
- Developed and implemented a model POA&M to inventory and certify nine avionics test benches which led to 100 percent bench availability prior to the 2000 deployment.
- Completed 11 avionics software changes and incorporated two new test program sets to enhance repair capabilities for the F-14B aircraft (AWG-9 radar and EGI systems) upgrade.
- Senior technician developed and implemented a Navy-wide approved procedure for the repair of the AN/AWW-13 Advanced Data Link (ADL) POD, utilizing a simplified suitcase tester to quickly verify ADL assets that resulted in a 30 percent decrease in turn around time.
- Verified the ready-for-use condition of six Electronic Countermeasures Automated Avionics Test Stations (CATIIID, RADCOR, TTS, ETS, DTB, and CCSA).
- Performed 287 special inspections and 1,926 pre-operational system checks on nine test benches.
- Verified the operation of 45 Test Program Sets and 24 Magneto Optical Discs.
- Tracked and received 39 AN/ALQ-99 Electronic Countermeasure pod weapon replaceable assemblies valued at \$11 million for stowage and ready use in support of EA-6B operations.
- Repaired 35 EA-6B aircraft system WRA's and performed 28, 180-Day special inspections on AN/ALQ-99 High Power Transmitters.
- Repaired 28 down bench discrepancies, returning test stations to 100 percent mission ready.
- Repaired 4 pneumatic hoists, 8 manual chain hoist and 15 AN/ALQ-99 WRA stowage racks on forward mezzanine.
- Modified nine AERO-7 adapters to safely raise and lower the AN/ALQ-99 POD using the HLK-248 & HLK-247 SHOL's Adapter.
- Repaired a catastrophic failure on an air-conditioning motor and coil assembly unit for work center OJ-510/ALM Digital Test Bench (DTB).
- Performed Emergency Reclamation treatment procedures on 25 WRA's heavily contaminated with fuel. Ready-for-use assets saved the squadron \$232,000 in operational costs.

IM-4 Division

- Completed an extensive rework of more than 250 items of SE in a 4 month period
- Completed 150 2K discrepancies on eight spaces during PIA 99.

- Conducted more than 100 SE licensing classes, training more than 800 personnel in the proper operation of SE.
- Conducted 88 Forklift Proficiency tests.
- Performed SEB 806 on the CVCC crash crane counterweight assembly, ensuring the continued safe operation of the crane.
- Assisted in the installation of SEC-5445 motor drive cabinet to the CVCC crash crane.
- Completed the certification and weight test of the CVCC crash crane and 16 forklifts, all ahead of schedule.
- Screened and verified 434 SE history records and 11 turbine log books ensuring equipment history record accuracy.
- Provided two SE personnel to CVW-7 Detachment, Fallon, ensuring air wing readiness.
- Developed the fleet's first and only computer based training center in direct support of the SE training and licensing program.
- Battle Group IMA Support.
- Gas turbine exhaust outlet duct electrical control cable repaired for USS MOOSBURGER (DD 980).
- A 5HP electrical fan motor rebuilt and rewound for USS BARRY (DDG 52).
- Thermocouple mounting pedestal repaired on CPP piping for USS SAMUEL B. ROBERTS (FFG 58).
- Hydraulic Horizontal Attitude Reference hose manufactured for HSL detachment on USS SAMUEL B. ROBERTS (FFH 58).
- Engine fuel relief valve replaced for the HSL detachment on USS MOOSBURGER (DD 980).
- Five HEEDS Pilot's O2 breathing bottles serviced for HSL detachment on USS KAUFMAN (FFG 59).
- Four HEEDS Pilot's O2 breathing bottles serviced for HSL detachment on USS SAMUEL B. ROBERTS (FFG 58).

AIR DEPARTMENT

The tireless efforts and commitment to excellence on the part of the men and women in Air Department enabled the IKE and Carrier Air Wing Seven team to successfully meet every operational requirement during the inter-deployment training cycle. During the year, Air Department completed more than 10,400 fixed wing launches and arrested landings, 800 helicopter landings, 10,000 aircraft moves, 1,200 elevator runs, and transferred nearly 8 million gallons of fuel to embarked aircraft and battle group ships. During every inspection by the Afloat Training Group, Atlantic and COMNAVAIRLANT Aircraft Handling Team, Air Department was consistently praised for outstanding condition of its spaces and equipment. Pride and

professionalism was the hallmark of every endeavor during a challenging year.

PIA: A 4-month Planned Incremental Availability was completed in early June. During this period, Air Department completed extensive repairs and renovations to its equipment and spaces. Some of the highlights:

- 65 JP-5 tank level indicators and tanks cleaned and inspected and 125 Limitorque valves inspected.
- Re-surfaced 25,000 square feet of hangar deck non-skid and painted all new deck markings in Hangar Bay 1.
- Completed resurfacing the entire flight deck with 206,000 square feet of non-skid and painted all new visual landing aids crucial to safe flying operations.

COMPTUEX: Gained blue water certification ahead of schedule during a compressed and accelerated exercise. Successfully completed all required drills and demonstrated proficiency in conducting cyclic flight operations.

JTFEX: Described by evaluators as "best ever" exercise. Conducted 3 days of intensive 24-hour operations during which Air Department demonstrated its ability to support high-tempo combat operations. Performance during unannounced drills was outstanding.

COMPETITIVE EXERCISE: Air Department's performance during CY99 COMPEX drills resulted in an average score of 99.14 percent. Evaluators complimented Air Department's approach to training; complete and precise pre-briefs and debriefs, desired training goals for each drill, enthusiastic participation, and a high level of khaki involvement.

MAINTENANCE: Air Department personnel performed more than 7,895 maintenance actions, which contributed directly to unprecedented equipment availability throughout the year. Maintenance milestones included:

- Catapult availability of 98.6 percent and arresting gear 98.9 percent.
- Hangar deck re-surfaced with 55,000 square feet of non-skid and painted all new deck markings in Hangar Bays 2 and 3.
- Resurfaced an additional 66,000 square feet of flight deck non-skid in the landing area and painted all new visual landing aids.

COMBAT SYSTEMS DEPARTMENT

Combat Systems completed FEP, COMPTUEX, and JTFEX in excellent material condition. The communications connectivity provided during these exercises far exceeded all expectations of the three embarked staffs. Increased technical knowledge levels and experience combined to yield teams of technicians and operators capable of getting the optimum performance from each piece of tactical equipment. Significant achievements during the Inter-Deployment Training Cycle (IDTC) included:

- First carrier to ever employ an operational HAVEQUICK circuit during JTFEX.
- Operational Test and Evaluation of JSIPS-N 2.0
- Six-for-six NATO Sea Sparrow missile engagements including a successful defense of a stream raid.
- Green CS Award for Superior Combat Systems Readiness.
- BGSIT/Y2K Testing that assured reliability into the Millennium Deployment.
- Test platform for new microscope inspection tool for Module Test and Repair Facility

INSTALLATIONS

Despite the late installation of numerous and significantly difficult C4I systems, the department worked hand-in-hand with in-service engineering activities to ensure every system was capable of supporting extended operations while deployed. The department's aggressive and effective employment of the preventive maintenance system is directly reflected in high states of readiness and operational availability for the ship's self-defense and electronics systems.

Combat Systems Department provided combat systems readiness, supporting numerous software and hardware installations. Significant installations included:

- Digital Photo Laboratory AVID Non-linear video editing suite.
- Joint Broadcast System (JBS)
- WLR-1 EDM version (install, proof of concept testing, removal)
- Global Command and Control System-Maritime 3.1.1B (GCCS-M GENSER)
- Global Command and Control System-Maritime 3.1.1A (GCCS-M SCI)
- Tactical Air Mission Planning System 6.2K (TAMPS)
- Contingency Tactical Air Control Center Automated Planning System (CTAPS) Version 5.2.3
- Theater Ballistic Missile Core Systems (TBMCS)
- Shift Operating Management System (SOMS)
- Timeplex VSM.5 Upgrade

- Common Operational Mission Planning and Support System (COMPASS)

- Special Warfare Mission Planning System (SWAMP)
- Advanced Combat Direction System (ACDS) version 2.1.4
- NATO 5KHZ modem
- NATO Initial Data Transfer System (NIDTS)
- SCI NT LAN
- SPECAT LAN
- Navy Standard Integrated Personnel system (NSIPS)
- Uniformed Microcomputer Disbursing System (UMIDS)
- Automatic Teller Machine (ATM) Upgrade
- NATO Modem
- FURUNO Global Positioning System (GPS)
- AN/SPN-41 Field Changes 11, 12 and 13
- AN/SPS-48E CAIII and S Band Filter Installation
- Upgrade to Dual IFF Signal Processor
- Installed ECDIS Service Pack Six and Windows NT

Certifications/qualifications

Despite a highly compressed work-up cycle to meet the accelerated millennium deployment schedule, Combat Systems successfully demonstrated the following systems for recertification/requalification:

Certifications:

- Carrier Air Traffic Control Center/Direct Altitude Identity Readout (CATCC/DAIR)
- NATO Sea Sparrow Missile System (NSSMS).
- TACAN
- Module Test and Repair Facility - Micro Level
- Precision Approach Landing System (PALS) AN/SPN-46
- Instrument Landing System (ILS) AN/SPN-41
- Ships Inertial Navigation System (SINS)

Qualifications:

- NSSMS detect to engage.

Customer Service

Successfully capitalizing on the existing customer service systems, Combat Systems made significant improvements with respect to customer service response times, prioritization, and queuing. In addition, a variety of process enhancements have been implemented to ensure maximum customer utilization of Combat Systems resources, war-fighting or administrative. Significant achievements include:

- Implemented a process for operational risk assessment to appraise the potential effect of planned maintenance actions on critical ship operations. This process objectively defines the scope and duration of an operation, critical systems, maintenance that must be accomplished and maintenance that can and should be deferred or re-scheduled.

- Stood up a Combat Systems trouble desk as the centralized point of contact for all shipboard customers to report system problems. Significantly improved inter-departmental communications, increased efficiency, and shortened time to repair failures.

- Put into practice a department-wide automated trouble call program, using the Combat Systems Casualty Control Computer System (CSCS). This automated the tracking and reporting of system trouble reports. It has made easy work of processing and tracking of more than 2,300 trouble calls received by the Combat Systems Officer of the Watch (CSOOW) since it's implementation in June 1999.

- Instituted a 24-hour technical support center, providing online trouble call processing, and a centralized Personal Computer (PC) repair center. Response times dropped from an average of 15 days to less than 24 hours, and the trouble call backlog was eliminated. To date, this trouble call center has successfully solved 9,160 remote and 3,620 on-site problems for the LAN's 4,630 users.

- Created, in conjunction with the ship's MWR Counsel, a multimedia resource center in the ship's library. This 12-workstation network provides a tremendous morale boost by providing access to Internet e-mail, on-line entertainment games, computer literacy classes, and one-on-one tutoring in PC applications.

- Launched IKENET, a robust intranet that hosts numerous command-wide publications, applications, and databases including; among others, the Plan of the Day, weather reports, CO's suggestion box, command calendar, direct deposit listings, MWR activities, *Five Star Bulletin*, Air Plan, Green/Gold/Pink Sheets, and professional training information. This Sailor's initiative not only increases the ease and speed of information dissemination throughout the command but saves IKE more than \$11,660 in paper per year for the plan of the day and command calendar alone.

- Identified Automatic Carrier Landing System (ACLS) Beacon discrepancy trends in more than 30 aircraft. Used nightly tracking reports to provide feedback to coordinate repairs for all embarked squadrons.

- Conducted one-on-one interviews with all pilots performing Mode I/IA approaches. Resulting in overall improved pilot confidence in the Precision Approach Landing System.

Systems Readiness:

Perhaps the most impressive achievement of the Combat Systems Department is the superb material condition and readiness of its over 600 highly sophisticated and complex systems, ranging from weapons systems designed to put ordnance on target, to computer networks designed to put data in the hands of the war-fighter. All systems were maintained at peak operability, supporting every major fleet and joint exercise to the fullest, as well as real world operations. Equipment inspections by cognizant outside activities have been unanimous in their praise of equipment readiness, citing, in particular, the dedication, expertise, and commitment of Combat Systems personnel as the major contributing factors. Significant readiness metrics include:

- Advanced Combat Direction System Block I 100 percent operational availability.
- Cooperative Engagement Capability 100 percent operational availability.
- CIWS operational readiness of 98 percent.
- NSSMS operational readiness of 98 percent.
- MK 23 TAS (Target Acquisition System) operational readiness of 99 percent.
- Maintained nearly 100 percent equipment availability on 17 radar, air traffic control, and navigation systems logging more than 5,112 hours of continuous use.
- Conducted 34 CIWS Pre-action Aim Calibration (PAC) firings.
- Rebuilt CIWS mount #23 gun assembly after mount suffered a major casualty.
- Micro-miniature repair saved more than \$203,000 in more than 150 jobs, an amount equivalent to 25 percent of the department's total annual repair budget.
- Devised and implemented a comprehensive plan for tracking and evaluating constant AN/SPN-41 transmitter failures, resulting in isolating the cause of failure of silicon controlled rectifiers, allowing on board repair and deferring replacement costs of more than \$87,000.
- Performed in-depth, pre-deployment system analysis of major air search radars and electronic flight control systems, resulting in the installation of power line filters, averting continual system down time due to power fluctuations.

- Corrected numerous long standing deficiencies and allowed the ship to take full tactical control of battle group air space by working with software engineers to isolate and correct system interface problems in the Cooperative Engagement Capability (CEC) system.

- In the absence of integrated logistic support for the IT-21 LAN, the department developed standard operating procedures for hardware and software maintenance and produced equipment inventory and tracking systems.

- Through self-help, configured and implemented an automatic anti-virus updating procedure for the entire IT-21 LAN, significantly enhancing user information assurance.

DECK DEPARTMENT

Once again Deck Department, now consisting of 1st and 2nd Divisions (3rd having been consolidated into the other two), constantly provided outstanding logistic support in the areas of underway replenishment, hull preservation, alongside mooring evolutions, 24-hour crane services, boat operations, shipboard maintenance, and anchoring evolutions.

Specific accomplishments include:

- Received the COMNAVAIRLANT Deck White "D" for 1998 and 1999.
- Flawlessly conducted 13 underway replenishments (UNREPS) receiving more than 9.2 million gallons of fuel and delivering 30,000 gallons.
- Received/transferred a total of 332 pallets and/or retrograde during Connected Replenishment (CONREP) along with three aircraft engines.
- Conducted 92 hours of incident free small boat operations.
- Presented with 65 Letters of Appreciation (LOA's), 28 Letters of Commendation (LOC's), 24 Head of Department Appreciation Letters, 12 Navy/Marine Corps Achievement Medals, (NAM's) and three Navy/Marine Corps Commendation Medals (NCM's).
- Conducted 14 safe crane operations.
- Safely completed 10 mooring evolutions and 7 anchorages.
- Transferred 5,000 personnel safely for liberty.
- Spray painted 725 shipboard spaces.
- Safely conducted one ammo on-load.
- Advanced 20 P03's (50 percent more than last year), 11 P02's, and 1 P01.
- Participated in COMPTUEX and JTFF.
- Sent one member to Search and Rescue (SAR) school.
- Practiced seven emergency breakaways.

As in the past, Deck Department has proven once again that we are worthy of being called "Warriors of the Sea." Our collective hard work, dedication, and professionalism have paid off time and time again. This is seen in the many complicated and inherently dangerous evolutions that have been completed efficiently, on time, and safely without incident. With the quality leadership and intense training provided, Deck Department will continue to set the standard on the waterfront.

DENTAL DEPARTMENT

Dental Department enjoyed its most productive and professionally successful year ever. Performing 46,906 dental procedures brought dental readiness up to 92 percent, 7 percent above OPNAV standards. Manning was 100 percent.

Highlights include:

- Dental Exams: 4,017
- Patients Treated: 10,994
- Teeth Extracted: 686
- Surfaces Filled: 2,266
- Cleanings: 796

Received an overall grade of "Outstanding" during COMNAVAIRLANT Dental Officer's Dental Readiness Examination (DRE).

- 4 Enlisted Surface Warfare Designations
- 2 Enlisted Air Warfare Designations
- 1 Officer Medical Department Surface Warrior Designation

ENGINEERING DEPARTMENT

USS Dwight D. Eisenhower's Engineering Department enjoyed another gangbuster year in 1999. Hot off an active and fully engaged forward deployment, IKE Engineers returned to Norfolk and jumped headlong into equipment removals and other preliminary stages of the Feb-May Planned Incremental Availability (PIA) in Norfolk Naval Shipyard.

Throughout PIA and the subsequent months of battle group deployment training, IKE Engineers trained our personnel and maintained our equipment with two sustaining goals: deployment readiness and self-sufficiency.

IKE Engineers not only met those goals and deployed fully ready for any and all battle group tasking, but did so with enough flair and expertise to earn yet another COMNAVAIRLANT RED E and RED DC for Engineering and Damage Control Mission Area

Excellence. Winning these awards contributed substantially to IKE earning its 2nd consecutive Battle "E."

AUXILIARIES DIVISION

JANUARY

- Replaced Wardroom 1, 2 and 3 garbage grinders.
- Overhauled three refrigeration plants.

FEBRUARY

- Repaired 1, 2, 7, 10 and 11 washer extractors.
- Repaired 1, 2, 3, 6, 9, 11 and 12 tumble dryers.
- Overhauled 3A ACE sump pump and motor.
- Rebuilt 4A sump pump.
- Overhauled 2 ACE lift cylinder.
- Overhauled 2 ACE tail rods.

MARCH

- Replaced 1A, 2C and 4C laundry presses.
- Replaced 1, 2 and 3 heating coils for pre-heaters.
- Replaced 4 Catapult blow-down valve.
- Conducted 1 Catapult accumulator internal inspection.
- Conducted 2 Catapult accumulator internal inspection.
- Conducted 3 Catapult accumulator internal inspection.
- Conducted 4 Catapult accumulator internal inspection.
- Overhauled 9 stanchion group motor.
- Replaced all flexible hoses on the B and A crane.
- Overhauled 1A ACE main pump.
- Overhauled 1B ACE main pump.
- Overhauled 4B ACE main pump.
- Overhauled 4D ACE main pump.

APRIL

- Replaced 4, 5, 6 and 7 heating coils for preheaters.
- Replaced 1 and 2 laundry dry cleaning plant pump and motor.
- Repaired 16 fire pump check valve.
- Overhauled 1C ACE main pump.
- Overhauled 1D ACE main pump.
- Groomed all flight deck safety stanchion systems.
- Groomed 2 deck edge door.
- Repacked port steering ram assembly.
- Overhauled starboard anchor windlass control valve assembly.

- Replaced gage glass on all ACE exhaust tanks.

MAY

- Replaced number 1 aft scullery dishwasher.
- Replaced 1, 2 and 3 aft scullery garbage grinders.
- Repaired/overhauled aft O2N2 refrigeration unit leaking condenser.
- Weight tested 3, 11 and 13 vertical tray conveyor.
- Overhauled 3 ACE lift cylinder.
- Replaced all composite stanchion poles with steel.
- Overhauled 9 stanchion group motor.
- Replaced 2 steering unit replenishment pump.
- Rebuilt 2 and 4 ACE vacco air system.
- Repaired starboard anchor windlass piping.
- Groomed port and starboard after steering.
- Groomed all deck edge and divisional doors.
- Changed out port after steering oil.
- Replaced cam follower in port after steering.
- Replaced cables of 3 and 4 ACE.
- Replaced WRV for 2 and 4 after steering unit oil coolers.
- Tensioned and Weight tested 3 and 4 ACE.

JUNE

- Replaced 8, 9, 10 and 11 heating coils for preheaters.
- Replaced 4, 12 and 13 hot water heaters.
- Repaired forward O2N2 producer leaking tubes.
- Repaired 23 fire pump mechanical seal.
- Repaired incinerator expansion trunk.
- Rebuilt 11 stanchion motor.
- Rebuilt clutch on 1 stanchion motor.

JULY

- Replaced 1 and 2 fwd scullery garbage grinders.
- Replaced aft galley pressure cookers.
- Repaired 3 Catapult trough steam drain piping leak.
- Repaired/overhauled 3C compressed melting unit.
- Overhauled 6 Air Conditioning Unit.
- Repaired 1 ACE stanchion brake.
- Replaced 1 ACE stanchion clutch.
- Repaired 4 ACE foot pedal brake.
- Replaced 11 stanchion motor.
- Replaced 1A main pump mechanical seal.

- Replaced 1B main pump mechanical seal.
- Replaced 12 stanchion group clutch.
- Repaired 3C main pump piping leak.

AUGUST

- Replaced 15, 16 and 17 hot water heaters.
- Replaced number 12 heating coil for pre-heater
- Overhauled and set 1 Catapult trip valve (4).
- Overhauled and set 2 Catapult trip valve (4).
- Overhauled and set 3 Catapult trip valve (4).
- Overhauled and set 4 Catapult trip valve (4).
- Remove/overhaul 1 Catapult CAS-V26.
- Remove/overhaul 2 Catapult CAS-V26.
- Remove/overhaul 3 Catapult CAS-V26.
- Remove/overhaul 4 Catapult CAS-V26.
- Replaced sheared gearbox shaft in anchor windlass.
- Replaced worn brake in 2 capstan.
- Rebuilt 4B ACE accumulator tail rod assembly.
- Rebuilt 3B ACE accumulator tail rod assembly.
- Tensioned 2 ACE cables.
- Repaired 4-HFV-32.
- Replaced 1B ACE main pump mechanical seal.
- Replaced 4B ACE main pump mechanical seal.
- Replaced 4D ACE main pump mechanical seal.
- Repaired 4 ACE platform guide rollers.

SEPTEMBER

- Replaced number 18 and 20 hot water heater.
- Replaced 13 heating coil for preheater.
- Replaced 3 Catapult launch room master sender line.
- Painted and preserved engineering head and berthing.
- Replaced 4 and 14 fire pump mechanical seals.
- Replaced 4A main pump mechanical seal.
- Repaired 4 ACE 7 lock foot pad interlock.
- Repaired 1 ACE guide rollers.
- Replaced aft divisional door cable.
- Tensioned forward and aft divisional door wire ropes.
- Repaired forward divisional door seized sheave.
- Replaced panel lock release pull cable for aft divisional door.
- Replaced broken anchor gear box universal pin.

OCTOBER

- Replaced 22 and 23 hot water heater.
- Replaced flag galley dishwasher.
- Repaired 4 Catapult high-pressure drain pipe pinhole leak.
- Re-lagged overhead and berthing space in engineering berthing.
- Repaired/overhauled forward O2N2 refrigeration unit.
- Overhauled 1 refrigeration plant.
- Replaced worn brake on 2 gypsy winch.
- Repaired 4D main pump discharge piping leak.
- Repaired shear pin on 5 stanchion group.
- Repaired 3A main pump discharge piping leak.
- Repaired low pressure selector valve leak.

NOVEMBER

- Replaced 14 heating coil for pre-heater.
- Replaced 30 and 31 hot water heater.
- Replaced 1 Catapult CAD-V7 valve.
- Removed/overhauled 2 Catapult CAS-V105 valve.
- Repaired/overhauled port motor whale boat diesel head.
- Replaced 6 stanchion group sheared pin.
- Replaced 2 stanchion group sheared pin.
- Replaced 6 stanchion group universal joint sheared pin.

DECEMBER

- Replaced 38 and 39 hot water heater.
- Repaired over 46 watertight doors.
- Replaced over 146 lockers and racks in engineering berthing.
- Repaired/preserved all 115 vertical tray conveyors.
- Overhauled 6 Air Conditioning Unit.
- Repaired 3 ACE main engine lift cylinder.
- Re-cabled aft divisional door.
- Replaced 4 ACE 7 lock universal joint.
- Replaced 4 stanchion shear pin.

ELECTRICAL DIVISION

JANUARY

- Replaced #9 conveyer photo eye

FEBRUARY

- Repaired #3 A/C purge unit

- Repaired 40 IC CKT "VS" stations
- Groomed wind indicating system
- Groomed Engine Order Telegraph and Propeller Order Telegraph

MARCH

- Repaired 2A SFMG air cooler
- Repaired #5 fire pump controller
- Repaired 60 IC CKT "VS" stations
- Replaced 30 high temperature alarm sensor
- Replaced 14 flooding alarm sensors

APRIL

- Replaced 12 water switches
- Replaced Meridian Gyro in MK 19 Gyrocompass
- Replaced pitch gear assembly in MK 19 Gyrocompass
- Repaired #3 A/C chill water controller
- Replaced #13 conveyer indicator
- Groomed all 53 Aircraft Electrical Servicing Stations

MAY

- Replaced 40 IC/SM modules in Damage Control Central
- Replaced 3B SFMG switchboard frequency meter
- Replaced #1 and #4 A/C unit amp meters

JUNE

- Replaced 16 relays in MK 19 Gyrocompass synch amps
- Replaced SINS selector switch on forward IC switchboard
- Groomed ships elevators, divisional doors and deck edge doors
- Repaired 1A SFMG frequency output
- Repaired #5 and #6 A/C chill water motors

JULY

- Replaced cable on #4 A/C motor
- Replaced limit switch on 2D CMU
- Repaired starboard steering motor
- Repaired starboard motor whaleboat davit
- Replaced LVR to forward IC switchboard
- Replaced relays in MK 19 Gyrocompass
- Repaired AFFF station #20 running light indicator
- Cleared all grounds, opens and shorted circuits on sound powered phone circuits

AUGUST

- Replaced HD/HE transmitter in 5MC room
- Replaced packing on underwater log
- Repaired #9 sliding padeye controller
- Repaired L/C 21 normal feeder breaker
- Replaced limit switch on #3 fire pump
- Replaced cable on #4 A/C motor
- Repaired port after steering ABT
- Repaired #4 A/C main motor
- Replaced bite panel on #3, #9 and #14 conveyors
- Repaired #9 A/C motor
- Replaced lock limit switches on #1 aircraft elevator

SEPTEMBER

- Replaced latch relay on #9 A/C
- Replaced limit switch on 2C CMU
- Repaired FI-QI meter on the degaussing switchboard
- Repaired 1B SFMG air cooler piping
- Replaced motor contacts on #5 and #7 A/C units
- Repaired cooling units for 2C and 2D CMU
- Replaced friction block on #4 main engine
- Made emergency repairs to the centerline lighting fixture
- Repaired #2 deck edge door
- Repaired #3 stanchion group

OCTOBER

- Replaced 5 airflow monitors
- Repaired #1, #2 and #3 stanchion groups
- Replaced #2 fire pump micro switch
- Repaired the transformer heater circuits for L/C 12, 22, 34, 46 and 51

NOVEMBER

- Replaced 2 tank level indicators in list control
- Replaced 8 synchros on the Engine Order Telegraph
- Repaired the limit switches on #2 aircraft elevator
- Overhauled and replaced blue and amber lights on all 4 aircraft elevators

DECEMBER

- Overhauled the Jet Shop lighting system
- Replaced port motor whaleboat stator and alternator

- Overhauled hanger bay #1 lighting system
- Repaired solenoid operated pilot valves on #7 and #20 AFFF stations
- Repaired Engine Order Telegraph
- Additional items also completed over the course of 1999
- Maintained more than 500 pieces of galley and laundry equipment
- Corrected over 2600 electrical and IC trouble calls
- Rigged and operated public address systems for more than 50 ceremonies and functions
- Pulled over 2000 feet of dead ended cables

DAMAGE CONTROL DIVISION

Calendar year 1999 was another superb year for IKE Damage Control Division. It began with post-deployment stand-down in January and ended in December with IKE fully ready for another forward deployment and crowned with yet another COMNAVAIRLANT Red "DC" for Damage Control Mission Area Excellence.

JANUARY

- In hectic first work week of new year, found time to paint the RED "DC" for Damage Control mission area excellence on the bridge wing, along with the Battle "E" and numerous other mission area awards. IKE was the only Atlantic Fleet aircraft carrier to earn the Red "DC" for 1998.

- Identified In-Port Emergency Teams (IETs) for first-ever 8-section duty rotation.

- Implemented all-new Repair Locker Organization, featuring departmental ownership and manning of individual repair lockers and manned with leaders and locker members expected to remain aboard for CY 2000 deployment.

- All eight IETs attended Shipboard Firefighting Team Trainer at FTC Norfolk Fire School.

FEBRUARY

- Over the course of February, sent every Repair Locker and IET to FTC Norfolk Damage Control Team Trainer (Buttercup), a total of 18 teams.

- Enter Norfolk Naval Shipyard (NNSY) for PIA 1999. Created PIA tiger teams for DC Equipment, Fire Watch, Watertight Fittings, and Non-tight doors.

- Completed two-week shipboard repair locker basic skills training program for newly assigned repair locker personnel and locker leaders.

- Sent 10 repair locker leaders and 16 Damage Control Training Teams (DCTT) to FTC Norfolk Repair Locker Leader School.

MARCH

- Sent all Repair Locker Leaders (and DCA) to 4-day Advanced Shipboard Firefighting School
- Sent 32 DCTT and locker personnel to 4-day Advanced Shipboard Firefighting School.
- Sent more than 200 IKE crewmembers to General Shipboard Firefighting School.
- Sent more than 160 IKE crewmembers to Basic Shipboard Damage Control (Buttercup) School.
- Conducted first of weekly General Quarters (GQ) events, conducted throughout remainder of PIA.
- Sent 10 repair locker leaders and 12 DCTT members to FTC Norfolk Repair Locker Leader School.
- Conducted increasingly complex GQ every Wednesday 0900-1100.
- Collected and offloaded 6 triwalls of expired Chemical Protective Overgarments.

APRIL

- Continued extensive use of FTC Norfolk Damage Control School, sending every repair locker and IET to a second round of both Firefighting and Buttercup team trainers.
- Continued extensive use of FTC Norfolk Advanced Shipboard Firefighting, General Shipboard Firefighting, Basic Shipboard Damage Control, Gas-Free Engineer, and Repair Locker Leader schools.
- Continued Wednesday GQ drills; began combining efforts of several lockers.

MAY

- Commander's Assessment of Readiness and Training (CART II)
- Fast Cruise in NNSY

JUNE

- Departed NNSY for Sea Trials; returned to Naval Station Norfolk upon completion
- Conducted Flight Deck Certification. Successfully demonstrated Aqueous Film Forming Foam (AFFF) on flight deck, JP-5 pump rooms, Emergency Diesel Generator rooms, and hangar bays.

JULY

- Completed Tailored Ship's Training Availability (TSTA I and II). IKE performed to such a high standard that Afloat Training Group (ATG) and COMNAVAIRLANT permitted IKE to omit the 10-day TSTA III scheduled for September and conduct the Final Evaluation Problem (FEP) in July.

- Successfully completed Final Evaluation Problem.

AUGUST

- Underway for FCQ and Tiger Cruise. Tiger Cruise highlighted by "Tiger GQ," a hands-on and very enjoyable demonstration of fire-hose handling, fire fighting ensembles, and other shipboard damage control equipment.

SEPTEMBER

- Taught first one of five Damage Control Petty Officer (DCPO) courses aboard ship.

OCTOBER

- Conducted major class "C" and "B" fire drills in reactor main engineering spaces under the watchful eye of the Mobile Training Team in preparation for Operational Reactor Safety Exam (ORSE).

NOVEMBER

- Conducted two additional DCPO classes aboard ship
- Continued extensive use of FTC Norfolk fire fighting and damage control schools
- Between the first quota on January 5, through the last on November 30, IKE consumed slightly more than 2,300 Damage Control training classroom seats, sending Sailors to General Shipboard Firefighting, Advanced Shipboard Firefighting, Repair Locker Leader, Gas Free Engineering, Shipboard Damage Control (Buttercup), P-100 Portable Fire Pump Maintenance, Firefighting Team Training, and Damage Control Team Training. Every repair locker fire party and damage control party attended their corresponding team trainer twice.

DECEMBER

- Underway for Joint Task Force Exercise, exercising all elements of the damage control organization, including GQ, Nucleus Fire Party (NFP), and combined NFP and Reactor Casualty Assistance Team main space firefighting.
- Conducted final series of main space fire drills observed by the Mobile Training Team in preparation for upcoming ORSE.

REPAIR DIVISION

JANUARY

- 1MS-V-80 by pass replacement
- #3 main recirc pump steam piping BMR
- #2 lube oil unloading valve piping replacement

FEBRUARY

- #3 catapult through steam drains piping replacement
- Replacement of three hot water heaters

MARCH

- CASREP from USS SAMUEL B. ROBERTS (FFG 58) repair Lube oil piping (BGIMA)
- #3 A/C chill water motor rewind

APRIL

- Thermal overload repair to #23 Motor Driven Fire Pump
- AFT Galley exhaust motor rewind

MAY

- Wardroom 3 recirc motor
- Reactor exhaust motor rewind

JUNE

- Ship service laundry exhaust motor rewind
- #3 ace exhaust motor rewind

JULY

- Cat 2-exhaust Motor rewind
- #4 a/c compressor Motor bearing change
- #5 Motor Driven Fire Pump rewind

AUGUST

- #3A water brake motor lead repair
- Manufactured two couplings for #4 main engine

SEPTEMBER

- Stone slip rings for 400HZ generator for AFT E.D.G
- Manufactured sleeve and re-assembled pump shaft and components for #3 A/C.
- Manufactured spline shaft for FWD STBD anchor windless remote operator

OCTOBER

- Manufactured aft steering gage block
- Replacement of 45 ft of 4" wastes drain piping 2-45-2-L through three decks to 4-45-2-L.
- Replacement of five hundred ft. of plumb vent piping.

NOVEMBER

- Hydro blasting of zone 14 which encompasses 300 ft of 4" CHT pipe
- Replacement of number five Eddy pump air seal.
- Completed over 10k worth of man hours towards trouble calls
- Replaced five 4" diverter valves with un-iflex operators

DECEMBER

- Replacement of metric tape for mid ships.
- Discharge repaired piping in #1 pump Room.

LEGAL DEPARTMENT

Legal Department was a busy place during 1999. The department provided legal assistance services, in the form of wills, powers of attorney, and tax preparation to nearly two-thirds of IKE's crew. The department also handled the following number of disciplinary cases:

- Summary Courts-Martial 165
- Special Courts-Martial 10
- General Courts-Martial 2
- Article 32 Investigations 4
- Non-judicial Punishments 264
- Administrative Separations 160

MEDICAL DEPARTMENT

During this past year, IKE's Medical Department matured as an operational unit aboard the ship. The emphasis was on training as the many assist teams rotated aboard IKE to ensure battle readiness of all its units. At the same time, the department continued to provide outstanding medical care to the crew of IKE and the deployed air wing.

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

- Sick Call Visits 10,965
- After Hours Visits 924
- Physical Exams:
 - Flight 129
 - Flight Deck Screenings 793

• Overseas Screenings	23
• Periodic Physicals	211
• Radiation Health	147
• Reenlistment Screenings	64
• Separations	290
• Special Programs	59
• Transfer/Retirement	30
• Surgical Procedures:	
Outpatient	168
Inpatient	9
• Admissions:	
Ward	41
ICU	1
• Consultations	748
• Ancillary Services:	
X-ray Exposures	667
Lab Procedures	15,145
• Pharmacy Prescriptions	17,155
• Audiograms	1,903
• Preventive Medicine:	
Immunizations	13,060
PPD Tests Given	2,735
PPD Tests Read	1,990 (73 percent)
• Birth month Recall Due	2,627
• Birth month Recall Seen	2,157 (82 percent)
• Inspection	3,884
• Respiratory Physicals	650
• Food Service Physicals	557
• Asbestos Physicals	38
• STD Workups	62
• MRT Deployments	43
• Eyewear Made Onboard	281
• Eyewear Ordered	395
• PRT Screens	176
• PAPS	259

Command and Departmental Inspections:

- Scored satisfactory on 3M/QA Medical Readiness.
- Scored above average on Final Evaluation Phase ORSE (Radiation Health).

NAVIGATION DEPARTMENT

Calendar Year 1999 marked an extremely busy period for Navigation Department. IKE began the year with the pre-deployment training cycle and finished by completing a highly successful Joint Task Force Exercise, the culmination of our preparation phase. During this timeframe, the department demonstrated expert navigation proficiency in all carrier mission areas. The department recorded proven, superb ship handling skills, evidenced in successfully achieving the following:

- Safely guided IKE across more than 9,000 NM.
- Flawlessly completed more than 27 restricted water details.
- Transited Hampton Roads Channel 10 times.
- Port visit to St Thomas, Virgin Islands.
- Completed more than 11 replenishment-at-sea evolutions.
- Completed two fueling-at-sea events.
- Conducted one multi-day ammunition transfer.
- Qualified more than 20 officer bridge watch team members.

IKE Navigation continued to showcase the shipboard use and battle group staff integration of digital charting products on the Electronic Chart Display Information System (ECDIS) in an effort to certify it safe for navigation. Particularly noteworthy is the contribution during scripted geography events like COMPTUEX and JTFEX. IKE Navigation was able to simultaneously illustrate the operational impact of numerous limitations, including stand-off distances, hazards to navigation and airspace requirements, each affecting the useful size of the carrier operating area with the use of ECDIS. This better understanding provided Second Fleet the basis to discuss with Commander, U.S. Naval Air Force, Atlantic Fleet the operational necessity for improved resources during training exercises.

The Department proved that it is capable of handling the demanding challenges of channel transits, anchoring and mooring. Navigation Department is more than prepared for an exciting deployment in 2000.

OPERATIONS DEPARTMENT

During 1999, IKE's Operations Department established an outstanding level of achievement in every operational category. During a compressed pre-deployment work-up cycle, IKE participated in several Fleet Carrier Qualification and CVW-7 CQ deployments, TSTA I/II/III, FEP, ITA, COMPTUEX 00-1, and JTFEX 00-1.

OA DIVISION

During 1999, OA division experienced dramatic personnel changes. Nine personnel arrived or transferred in as strikers from other divisions, while eight departed, including the division Chief and METOC Officer. There were many promotions within the division, most notably the selection of AG1(AW) [REDACTED] to Chief Petty Officer. AGC(AW) [REDACTED] subsequently transferred to USS GEORGE WASHINGTON (CVN 73) as a result of his selection.

4 February to 3 June was spent in Norfolk Naval Shipyard. A full rehab of all OA spaces was completed by late April, and the focus for May was the CART II inspection and professional AG training. June and July were shakedown periods combined with TSTA I, II, III and FEP.

Last year was a very active hurricane season for the Western Atlantic, particularly for Hampton Roads, which saw two hurricanes pass within 90 nautical miles. In August, OA Division stood up pier side operations in anticipation of a sortie order due to Hurricane Dennis after an underway for INSURV. Maximum winds associated with this system never exceeded gale force locally and the sortie order was not issued. During the month of September, Hurricane Floyd threatened the area and once again OA division swung into full operational mode, this time however, the sortie order came and all Second Fleet units that were capable of getting underway did so. OA division aboard IKE led the way as the METOC forecasting guard ship for TG 183.1. Maximum winds and seas encountered by TG 183.1 were 45 knots and 21-foot seas, respectively. The recall order was given after four days at sea and all units assigned to TG 183.1 returned to port safely.

Full spectrum METOC support was realized during COMPTUEX as close knit integration and liaison with the IKEBATGRU/CVW-7 team became the standard. From Intel to Staff planners in nearly every warfare area, METOC provided critical insight and recommendations for exploiting the environment to gain tactical advantage. COMPTUEX provided yet another tropical forecasting challenge as Hurricane Jose tore a path through the Southern Puerto Rico OPAREA, necessitating evasive maneuvers for the entire Battle Group. Ultimately, IKE OA Division's evasion recommendations were instrumental in keeping the Battle Group both safe and in position to continue training.

JTFEX proved less challenging as the primary winter storm track was positioned further north, resulting in two weak frontal passages and one significant cold front that reduced ceiling and visibility to Case III for a brief 12-hour period. Morning fog and low strata over target areas in Florida produced the biggest impact to operations, but was accurately forecasted

and briefed. Thunderstorm activity was infrequent and mainly confined to frontal lifting and instability in the vicinity of the Gulf Stream. Once again IKE OA provided full spectrum support to the Battle Group and CVW-7, further building upon the strides made during COMPTUEX.

OC DIVISION - AIROPS

CATCC 69 completed an intense and extremely successful workup cycle in preparation for Mediterranean/Arabian Gulf Deployment. During the Planned Incremental Availability (PIA), OC Division was responsible for rehabilitating 13 divisional spaces that required 8,600 man-hours. This included the complete overhaul of a 25-man berthing, a nine-man berthing and all Air Transfer Office spaces.

The CATCC 69 team performed superbly during COMPTUEX 00-1, TSTA I/II, and ITA, receiving grades of 96 percent and 93 percent on MOB-S-21-SF (FXP-4), lauded by AIRLANT as "the best ever." In addition, traffic controllers completed a phenomenal 77 in-rate qualifications, including four Case III CATCC supervisors. Professional and military stability remained flawless during 100 percent turnover of all E-7 and above personnel. The CATCC 69 team displayed unparalleled acumen and talent in the most stressful situations and scenarios.

During this workup cycle, the CATCC 69 team safely and efficiently provided 1,757 Case III recoveries while CVW-7/CVW-17 completed 4,639 arrested landings. The Air Transfer Office was also responsible for professionally executing the movement of 2,392 passengers, 144,785 pounds of cargo, and 29,644 pounds of mail.

Finally, Air Traffic Controller First Class Paul J. Kite was selected as IKE's Sailor of the Year for 1999. AC1 Kite was chosen from an extremely competitive group of IKE Sailors and has demonstrated exceptional leadership and skill both in and out of his rating. Notably, it was the second consecutive year a petty officer from Operations Department was selected as Sailor of the Year.

OI DIVISION

During 1999, OI Division attained a wide array of milestones. Coming off a major deployment and going into an availability period, OI Division goals were to improve our NEC inventory and properly train newly reporting personnel. NEC accessions were increased with completion of the following schools:

- Combat Systems Senior Enlisted - OSCS (SW) [REDACTED], OSC(SW) [REDACTED] and OSC(SW/AW) [REDACTED]

- Air Intercept Controller Supervisor - OS1(SW) [REDACTED]
- Air Intercept Controller - OS2(SW) [REDACTED]
- Anti-Submarine Tactical Air Controller - OS1(SW) [REDACTED]
OS2(SW) [REDACTED] and OS2 [REDACTED]
- GCCS Operator School - OS2 [REDACTED], OS2 [REDACTED], OS2 [REDACTED], OS2 [REDACTED], OS2 [REDACTED], OS3 [REDACTED] and OSSN [REDACTED]
- Additionally, 54 personnel graduated from 21 non-NEC producing schools.

A key to the success of OI Division has been our training program. During 1999, we completed 293 personnel qualification standards and 40 correspondence courses. As a direct reflection of our outstanding training program, we advanced 27 personnel to the next higher paygrade, including OS1(SW) [REDACTED]'s selection as a Limited Duty Officer.

Other milestones for the division include:

- Completed 143 hours of Anti-Submarine Tactical Air Control.
- Completed 396 Air Intercepts.
- Formally trained and qualified two Radar Navigation Teams.
- Sent two Air Intercept Controllers to support CVW-7 Fallon Det in Fallon, Nevada.
- Using provided materials and equipment, we painted 33 spaces, completed 26 lagging jobs, repaired/replaced 17 non-watertight doors, and re-tiled 3 spaces.
- Our warfighting capabilities were increased by the upgrades to the following systems:
 - ACDS Blk I Version 2.1.3
 - Cooperative Engagement Capability Version 2.0.11
 - GCCS-M Version 3.1.1.

Working closely with Combat Systems Department, the Combat Direction Center Team was six-for-six in successful missile exercises using the NSSM system. All shots were evaluated as "kills." CDC also coordinated with Weapons Department and completed five small boat attack exercises training the CDC/small arms teams in small boat tactics.

Awards and recognition for OI Division personnel include the following:

- Enlisted Surface Warfare Specialist designation for OS2 [REDACTED].
- Sailor of the Quarter and Sailor of the Month recognition for OS1(SW) [REDACTED].
- Petty Officer of the Quarter and Petty Officer of the Month recognition for OS2(SW) [REDACTED].

- Blue Jacket of the Month for OSSN [REDACTED], OSSN [REDACTED] and OSSN [REDACTED]

- Navy and Marine Corps Achievement medals for OS1(SW) [REDACTED] and OS1 [REDACTED]

Force Over-The-Horizon Track Coordinator (FOTC)

USS DWIGHT D. EISENHOWER (CVN 69) and IKEBATGRU FOTC made revolutionary improvements to Force Over the Horizon Tracking in 1999. IKEBATGRU FOTC developed and tested many procedures that have since been incorporated by numerous commands and training institutions as fleet standards. Consistently recognized throughout the inter-deployment training cycle (IDTC) as the best in the fleet, IKEBATGRU FOTC was tasked to develop a POA&M for FOTC team development in all battle groups.

Specific milestones include:

- Established an aggressive inport training program of Battle Group FOTC Syndicate Meetings, in port training exercises, assist visits, and advanced testing labs.

- Organized and led:

- Five FOTC syndicate meetings

- 10 in port FOTC exercises

- 15 system configuration and training assist visits

- An advanced testing lab session

- Conducted aggressive FOTC organizational training while at sea, directly resulting in 80 percent database commonality by the end of COMPTUEX and 90 percent commonality by the end of JTFEX.

- Early in the IDTC, established a multi-casting concept for the transmission of FOTC data that is now the fleet standard.

- Developed a "Tiger team" of experts for rapid deployment to attached units experiencing equipment, software, or training problems. This led to the rapid restoration of units as active participants in the common tactical picture during several underway periods.

- Pioneered the use of IT-21 for FOTC Coordination and Database Communications. Developed procedures and doctrine for the use of GCCS-M resident chat for database coordination, and SIPRNET database communications. Introduced GCCS-M web based tools for contact entry and resolution, as well as connectivity tracking.

OP DIVISION

The team of OP Division photographers and illustrator/draftsmen completed 2,352 work requests documenting work-ups, re-enlistments, awards, retirements, distinguished visitors, flight operations, and the 1999 work up cycle.

- 1,340 rolls of color negative film
- 14,364 color prints
- More than 520 original graphic products were created, both by computer and by traditional methods.

OP Division's Main Photographic laboratory underwent major changes in 1999. Six months prior to the 2000 deployment, the Noritsu QSS-2301SM color mini-lab was upgraded with an HRCRT (High Resolution Cathode Ray Tube) unit, which improved the efficiency of print production, and the quality of photographs produced from digital images.

SPAWAR redesigned and improved the digital imaging center to create the next generation digital photo lab. The new center integrates digital still imagery, digital video, graphics, digital studio and the Noritsu QSS-2301SM. A local area network connects these workcenters to facilitate sharing of information, providing a new dimension of versatility in production that simply has not been seen before in carrier photo labs.

Three new workstations were added to provide for:

- A digital portrait studio where images are taken using a digital camera tied to a local workstation, allowing images to become immediately available to both photographer and customer, providing for review prior to print.
- The addition of high-end 3D design and animation software for the graphics design center, expanding the range of products and services available from this prolific workcenter.
- An improved computer interface with the QSS-2301SM color printer, allowing the other lab workstations to send images over the wire for processing.

The addition of the AVID Video Editing System provides the lab with a professional broadcast video shooting and editing capability. Finally, the upgrading of the two DPL workstations provided a high-end design center for the efficient editing of digital imagery.

The addition of the latest camera kits from Nikon provides our photographers with the tools to get the highest quality output from their efforts at photo shoot. The new Nikon D1 and the Kodak DCS-660 digital cameras allow the production of the highest quality digital images available.

The CVIC Photo Team was worked hard to complete the start-up and calibration of four 20-year-old EH-38 film processors. Their hard work resulted in the production of more than 13,200 feet of aerial film, 146 rolls of surface surveillance collection (SSC) photography, and 200 black and white prints.

OS DIVISION

Leadership of OS Division strengthened during 1999, beginning with arrival of a new division officer, followed by advance of two first class petty officers, and arrival of several new shipmates all falling in on a superb core deployment-proven "returning varsity."

OS Division also led the way in numerous IKE-wide project and endeavors, including:

- Heading the IKE Away Team volunteers maintaining the Eisenhower Family Farm National Park outside Gettysburg, PA.
- Coordinating tasks for IKE FEST Dependents' Day Cruise
- Supplying key personnel for the Combined Federal Campaign drive.

OT Division

During the past year, the division primarily focused on training division personnel to support EISENHOWER Battle Group against the submarine threat in preparation for February 2000 deployment. In 1999, nine people transferred and six new individuals reported on board. Although this was a dynamic training year, the operational capability of the Anti-Submarine Module was undiminished. Some highlights of the past year are as follows.

Training:

- STG2 [REDACTED] completed Nixie training.
- AW3 [REDACTED] and AW3 [REDACTED] attended Global Command and Control - Maritime (GCCS-M) training.
- All hands attended Tactical Oceanography Workshop (TOW).
- AW2 [REDACTED] attended Pre-flight Data Insertion Program (PDIP) training.
- CWO2 [REDACTED] and AWC(AW/SW) [REDACTED] both attended Staff Tactical Watch Officer and Ship Weapons Coordinator courses of instruction at Tactical Training Group Atlantic (TTGL).
- Received an excellent score on the Command Assessment of Readiness and Training (CART) II training phase.
- Performed superbly during Composite Training Unit Exercise (C2X) and Joint Task Force Exercise (JTFEX). Successfully prosecuted and engaged four simulated opposition force submarines during C2X and JTFEX with no blue-on-blue engagements. Achieved score of outstanding in all six graded areas during JTFEX and received numerous accolades from embarked staffs.

Other accomplishments include:

- Successfully completed a 4-month Planned Incremental Availability (PIA) period at the Norfolk Naval Shipyard (Portsmouth, Virginia) with a high completion rate of assigned jobs by the division in refurbishing assigned spaces.
- Painted and re-tiled the Combat Direction Center Office and adjoining passageway.
- Painted the 02 level of the Commanding Officer's Passageway and the deck of a fan room.
- Refurbished the Flag Conference Room.

OT Division personnel gained notoriety for personal accomplishments during the year. AW3 [REDACTED] was selected to represent the Navy and IKE at a sports conference in Arizona. He was the guest of the baseball team the Oakland Athletics for two days during their Spring Training Camp. STG3 [REDACTED] was selected for the Naval Academy Preparatory School (NAPS) and a follow on appointment to the Naval Academy. AW3 [REDACTED] was also selected for the Broadened Opportunity for Officer Selection and Training (BOOST) program. LTJG [REDACTED] was selected for re-designation into the Civil Engineering Corps. AW1(SW) [REDACTED] was selected for Command Advancement Program (CAP) and was "capped" to Petty Officer First Class. Two individuals were selected for advancement to Petty Officer Second Class and two others were selected for advancement to Petty Officer Third Class. Additionally, Petty Officer [REDACTED] was selected as Petty Officer of the Quarter, Petty Officer [REDACTED] [REDACTED] and [REDACTED] were selected as Petty Officers of the Month during 1999.

OW DIVISION

OW Division acted as Electronic Warfare Control for the EISENHOWER Battle Group, correlating tactical information received from battle group aircraft and ships assigned to the Electronic Support (ES) mission. The Electronic Warfare Specialists maintained an accurate picture in an extremely dense ES environment while participating in pre-deployment workups including JTFEX. The division made maximum use of organic equipment including the AN/SLQ-32(V)4 and AN/WLR-1H(V)5.

Other significant events include:

- Replacement of port NIXIE cable
- Removal of the MK36 Decoy Launching System (DLS), consisting of eight MK137 launchers, eight Super Rapid Off Board Chaff (SRBOC) lockers, four bridge launcher panels, one master launch control panel from the EW Module, and eight power transformers from within the ship

- Installation of AN/WLR-1H(V)7, including sea trials, operator training, data extraction, panel functionality checks, and radio frequency sensitivity checks

- Removal of the eight MK137 launcher foundations

- Scheduled an extended EMCON period and successfully completed a six-hour Radio Frequency Isolation Testing (RFIST) data extract. RFIST tests for RF noise about the ship, extracts that information, then uses it to write commands for the AN/SLQ-32(V) to compensate during normal operations. This was the first successful RFIST extract on IKE.

- EW1(SW) [REDACTED] produced a comprehensive re-write of the ship's EMCON Bill that was subsequently incorporated by the Information Warfare Commander as the standard in the battle group.

- Six individuals were selected for advancement in rate including two first class, one second class, and three third class petty officers. Division personnel received four Letters of Commendation, one Military Outstanding Voluntary Service Medal, and one Navy/Marine Corps Achievement Medal.

OX DIVISION - STRIKE OPS

The last year of the century was a banner year for IKE Strike Operation's division (OX). Highlights in 1999 included:

- Installation of NATO Initial Data Transfer System (NITDS) to facilitate transmission of NATO Air Tasking Order.

- JOTS 26 terminal relocated to Strike Ops from CVIC to allow faster Air Tasking Order transfer to NECC and subsequent delivery to other battle group users.

- Incorporation of NAVMACS link to IKE Radio instead of message file transfer by floppy disk. Immediate result was 90 percent reduction in magnetic media usage.

- Installation of Aviation Data Management and Control System/Integrated Shipboard Information System (ADMACS/ISIS) streamlined daily air plan production.

- Addition of flat bed scanner technology to facilitate electronic distribution of recurring reports. (i.e. Green/Pink/Gold Sheets, Airplan, Loadplan) Immediate result was reduction of hard copy production/distribution by 85 percent.

Together the items listed above represent the growing ability of Strike Operations to support the "paperless ship" concept. The production/distribution cycle of nearly every document either produced or modified in this office has been reduced significantly, pushing more real time information to decision makers and plan executors aboard CVN 69.

Three new personnel arrived and three departed during 1999. Strike Ops celebrated one enlisted promotion (OS2 [REDACTED]), one

IKE Sailor of the Quarter selectee (IT2 [REDACTED]), awarded one each Meritorious Service Medal (CDR [REDACTED]), Navy/Marine Corps Commendation Medal (LCDR [REDACTED]), Joint Service Achievement Medal (LTJG [REDACTED]), and Navy/Marine Corps Achievement Medal (LTJG [REDACTED]). The pace was hectic in '99 but education did not fall by the wayside. Two newly reporting officers attended the Joint Aerospace Command and Control Course, Repair Locker Leader, Advanced Firefighting, and Damage Control courses. Strike Ops played a central role in planning and execution of CART I/II, Dependents Day Cruise (IKEFEST '99), TSTA I/II, INSURV, Fleet CQ/Tiger Cruise, TSTA III/FEP, and JTFEX 00-1. The office also coordinated numerous Naval Station Norfolk departures and arrivals, replenishment at sea evolutions, and countless details required to de-conflict the ship's schedule on a daily basis.

OZ DIVISION

OZ's Carrier Intelligence Center (CVIC) and Supplemental Plot (SUPPLOT) raised the fleet standard for integration of intelligence systems, leveraging, and developing additional capabilities from singularly focused intelligence tools, and efficiency of intelligence operations through functional alignment of IKE/CVW-7 intelligence organization.

From PIA through the IDTC, CVIC and SUPPLOT upgraded intelligence systems, including:

- Establishing and equipping a planning space for Warfare Commanders certified for operating at three separate and distinct classification levels (SECRET, TOP SECRET SPECAT and TOP SECRET SCI).
- Integrated live UAV video reconnaissance into an exploitation and dissemination suite, enabling turnaround of targeting images to airborne strikers within minutes.
- Installation of a second Combat Assessment Workstation, like the original, SECRET LAN connected for TCP/IP dissemination of Bomb Hit Assessment video clips and Weapon System Video (WSV).
- SECRET LAN connection of IT-21 workstation to 23TV for rapid internal dissemination of Targeting Intelligence video.
- Installation of Air Defense System Integrator (ADSI) in SUPPLOT, with national intelligence data feeds for Indications and Warning (I&W) display of target country air activity.
- Communications upgrades, to both internal watch stations and BATGRU command and coordination circuits, for timely voice dissemination of I&W Intelligence to Warfare Commanders.
- Upgraded Digital Camera Receive Station (DCRS) to receive Fast Tactical Imagery (FTI) from airborne F-14 Tomcats, as well

as sending annotated targeting imagery back to the same aircraft.

- Numerous other enhancements to systems/tools for providing intelligence support to warfighters.

Organizationally, IKE and CVW-7 Intelligence defined, and aligned manning, to functions necessary to support Warfare Commanders' intelligence requirements. The alignment facilitated intelligence support to all warfare areas.

RELIGIOUS MINISTRIES

Religious Ministries Department's mission is to provide for the free exercise of religion and to provide professional assistance in religious, spiritual, moral, and ethical issues affecting the command and our Sailors. This mission was accomplished in 1999 with a chaplain staff consisting of CDR [REDACTED], LCDR [REDACTED], and LT [REDACTED]. RPCS (FMF) [REDACTED] arrived at the beginning of the year as the LCPO of the department.

Worship and Educational Services:

- Catholic and Protestant chaplains conducted numerous "Holy Helo" services to battle group ships while underway.
- Conducted six monthly Prayer Breakfasts on the mess decks while underway.
- Conducted Familiarization & Indoctrination orientations on Religious Ministries to include a brief on stress and suicide awareness.
- Processed 567 American Red Cross messages.

- Provided a daily inspirational message on ship's Intranet while underway.

- Conducted three weekly support groups (officers, chiefs and E6/below) while underway for shipmates experiencing broken relationships.

In port services include:

- Catholic Mass Sunday-Friday
- Protestant Sunday service

At sea services:

- Daily Catholic Mass daily
- Four Catholic Bible studies a week
- Weekly Catholic confessions
- Sunday Protestant worship service
- Twice weekly Chaplain led Protestant Bible studies
- Daily Lay Leader Protestant Bible studies
- Weekly Gospel service Sunday evening
- Lay Leader Jewish service on Friday evening
- Daily Muslim prayers
- Lay Leader Muslim Friday service
- Lay Leader Church of Jesus Christ of Latter Day Saints Sunday service
- Lay Leader Church of Christ Sunday service
- Lay Leader Christian Orthodox Sunday service
- Thrice weekly IKE Praise and Worship Choir practices

Community Relations (COMREL) Projects:

Religious Ministries Department coordinated four COMREL Projects in St. Thomas, U. S. Virgin Islands in October. A COMREL team was established that enabled multiple projects to be completed at the same time by having a team member as leader at each site.

- Eight volunteers cleaned and assembled shelves at the American Red Cross.

- Thirteen volunteers performed yard work and maintenance at a school for handicapped children.

- Eleven volunteers did yard work and maintenance at the Catholic Cathedral.

- Eight volunteers cleaned and rebuilt a fence at a homeless shelter.

Library Multi-media Resource Center:

FY99 saw an upgrade to the already most extensive, comprehensive Library Multimedia Resource Center (LMRC) on the waterfront. The LMRC offered Internet and e-mail services to all hands. This was done with a bank of 12 Pentium 133 MHz computers. During the upgrade, these computers were replaced with Pentium III 500 MHz computers. Ten computer terminals were used by the crew exclusively for Internet and email access, and five were used as Gamenet computers with an inventory of more than 100 CD-ROMs. During C2X, JTFEX, and other underway periods, the LMRC was manned 19 hours a day by Religious Program Specialists so that the center would be available to all shifts.

The LMRC has 4,000 hardback books and more than 300 paperbacks. It offers a book lease program in which best sellers and new releases are made available to the crew. Books on tape/CD and learning/entertainment videos are also available. Religious Ministries subscribes to 78 periodicals and five newspapers. Six TV/VCR units are available for viewing movies, and six Sailor phones make calling home while underway more affordable.

SAFETY DEPARTMENT

Safety Department received a grade of outstanding during the recent INSURV inspection with the inspectors commenting that the IKE program was the "best of any aircraft carrier!"

We provided 3 hours of safety indoctrination training to 30 Familiarization and Indoctrination classes.

Conducted four shipwide safety stand downs, each focusing on upcoming major events and associated hazards. We produced a monthly ship safety newsletter with articles from each member of the Safety Department.

Provided respirator fit testing to over 334 and maintained all respirators for a crew of more than 2,700.

Thoroughly inspected every space (more than 2,500) for safety hazards, writing more than 940 hazard reports.

Provided wardroom and safety stand down training on ORM to every member on board IKE.

Provided safety observers to every major shipboard evolution, including weapons onload, underway replenishment, General Quarters, painting of all spaces, potable water chlorinating, non-skid of hangar and flight decks, and all flight deck launches and recoveries.

Provided updated safety information on aviation, afloat, and motor vehicles daily at All Officers meetings.

Worked closely with Norfolk Naval Shipyard safety representatives to address mutual safety concerns. Safety

Officer, Assistant Safety Officer, and Safety Petty Officers attended ship's force/NNSY weekly safety meetings.

With an immediate department of 10 and a group of 77 collateral duty Safety Petty Officers managed all shipboard safety programs and conducted daily walk around inspections and supervised weekly hazardous material spill drills.

Observed more than 8,500 flight hours and 5,200 sorties, with only one class-A mishap (material related).

Coordinated the introduction of new cleaning materials that reduced the number of different hazardous chemicals from more than 120 to less than a dozen.

SUPPLY DEPARTMENT

The Supply Department demonstrated their ability to support both ship's company and the embarked air wing by earning a grade of OUTSTANDING in all 13 graded areas of the 1999 COMNAVAIRLANT Supply Management Inspection and in winning the COMNAVAIRLANT Supply Blue "E" for 1999.

Stock Control Division started this year by off-loading more than 1,200 line items of Q-COSAL and implementing the annual Q-COSAL package. On February 19, Stock Control converted to the Material Financial Control System (MFCS), which integrates the DoD standard general ledger accounting structure and provides centralized accounting and billing for afloat inventory assets. MFCS provided a significant workload reduction for Stock Control personnel and made daily requirements easier to handle. Providing the best customer service available to IKE and embarked Airwing, Stock Control managed more than 76,000 line items (valued in excess of \$279 million), oversaw an annual budget of \$65 million in Surface and Aircraft support funds, and maintained 100 percent inventory validity of 12,500 line items of Nuclear Reactor Plant Material.

The Food Service Division Mess Management Specialists and Food Service Attendants flawlessly provided 20,000 meals daily at sea and 7,000 meals per day in port, while always maintaining the highest of sanitation standards. Even though the cargo team was actively employed carrying out their normal stowage and breakout duties, they refurbished all storerooms and restocked the provisions necessary for deployment; additionally, they were able to consistently maintain an inventory validity of more than 98 percent. Innovative ideas, such as a breakfast bar, a hotdog bar, a health bar and the IKE Deli Room, were all well received by the crew. Monthly special meals, such as ice cream socials, prayer breakfasts and birthday meals, helped keep the crew's morale high throughout the year and were always looked forward to with great anticipation by our shipmates.

The Sales Division was recognized as the second place winner of the Navy Supply Systems Command 1999 "Best Sales and Service" competition. Achieving more than \$1.3 million worth of sales, the Sales Division turned \$440,000 over to MWR for the benefit of the crew, while maintaining a 100 percent retail price and bulk storeroom validity for more than 2,100 line items of merchandise. The laundry provided Five-Star Service and processed more than 400,000 pounds of bulk laundry and provided more than 20,000 haircuts. A Divisional Barber Program was initiated which was not only well received by the crew, but helped decrease the Division's workload during a period of being manned at only at 67 percent.

Disbursing Division implemented the ATMs-at-Sea III upgrade, which established the infrastructure for future commercial banking upgrades in order to allow the use of commercial "off-ship" ATM cards for ATM withdrawals and ship's store purchases. Disbursing also implemented the Navy Standard Pay System and the Integrated Automated Travel System over the course of this year. Additionally, processing turn around time for travel claims accounted for in the Travel Claim Tracking System was shortened to an average of 3.1 days.

The Wardroom Mess successfully made the transition from being a private mess to one subsisting out of the General Mess. During the COMPTUEX port visit to St. Thomas, Virgin Islands, the Wardroom coordinated a reception held in honor of the Governor of the U.S. Virgin Islands which was attended by more than 400 distinguished guests.

The Aviation Stores Division ensured maximum material readiness and support to AIMD and embarked aircraft squadrons as evidenced by deployment R-POOL range and depth statistics of 100/98 percent and an AVDLR range and depth of 94/90 percent. In addition, Aviation Storekeepers fine tuned the Navy's Consumable Aviation Consolidated Allowance List (CAVCAL) by off-loading more than 29,720 excess line items (valued at \$375,424.93), and receiving and integrating more than 3,000 new line items into the Maintenance Support Package (MSP) storeroom. Culmination of these efforts was a CAVCAL range and depth of 98/96 percent. In addition to stowing parts for deployment, the Aviation Division established a "Tiger Team" and conducted a wall-to-wall inventory of all on board AVDLR's to ensure 100 percent inventory accuracy and location validity of 99 percent. Earlier in the year, while managing the Post-Deployment COMVAVAIRLANT Reconciliation (RECON) program, the Aviation Stores Division successfully reduced the RECON dollar value from a potential \$7,543,575.36 to a mere \$33,236.60. Compared to an Atlantic Fleet average of RECON of \$1 million, this was one of the lowest carrier reconciliations in recent COMNAVAIRLANT history. The Fleet Automated Carcass

Tracking System (FACTS) shipping module was incorporated into the Aviation Stores Division to help maintain accountability of all retrograde material. Finally, the Aviation Store Division significantly contributed to achieving one of the lowest average off-Ship NMCS/PMCS requisition numbers seen by a COMNAVAIRLANT CVN during COMPTUEX.

The 3M/DC Division, which centralized all Supply Department PMS and DC requirements into a single division, produced dramatic improvements in PMS timeliness, efficiency, work quality, job tracking, and accuracy. Working long hours, the 3M/DC Division's dedication and perseverance was key to Supply Department's contribution to the IKE successfully passing CART, TSTA I/II, and Final Evaluation Problem. In preparation for these demanding examinations, the Division identified and proficiently corrected more than 550 material discrepancies.

Throughout the year Material Division processed in excess of 34,992 line items for stock (valued at more than \$46 million) 15,000 line items of DTO material (valued at more than \$10 million), issued in excess of 19,200 line items (valued at over \$16 million) and offloaded more than 6,200 line items of excess material. The division completed the seamless movement of more than 544 pieces of high-priority cargo to IKEBATGRU units during COMTUEX and JTFEX, and flawlessly transferred 130 retrograde Aviation Depot Level repairable items into the repair pipeline. During the year, the Material Division Cargo Handling Team successfully, and safely, onloaded more than 4,000 pallets of material.

The HAZMAT Division expertly handled, on average, up to 15,000 hazardous material issues per month at sea and 2,000 issues in port. These issues, along with all hazardous material related transactions, were handled flawlessly by the HAZMAT Division personnel. Increased crew awareness through the training provided by the division throughout the year on the proper handling of hazardous material ensured all evolutions were established without mishap. The HAZMAT Division stood-up the ECO-LAB cleaning system throughout the ship in order to minimize the number of cleaning products carried, reduce the quantity of cleaning supplies stored throughout the ship, and introduced safe and bio-degradable cleaning supplies on board.

The Chief Petty Officer's Mess continued to provide superb messing and berthing accommodations for the chiefs. Improvement was made through the replacement of equipment and the purchase of new furnishings for the mess to increase seating capacity and crew comfort.

The Postal Division earned a grade of Outstanding during the annual CINCLANTFLT Postal Assist Visit in April 1999 for the second consecutive year. The inspectors rated the IKE's Postal

operation as the "Best in the Atlantic Fleet." The division received 105,322 pounds of mail, sent 30,839 pounds of mail, generated \$42,834 in stamp sales and sold \$155,308 in money orders. In support of the Battle Group, IKE provided a postal clerk to the USS ARTHUR W. RADFORD (DD 968) for the entire JTFX at-sea period. The Postal Division during the year implemented the use of electronic postal forms, integrated retail terminals, and postage meter machines.

The Logistic Support Center implemented a new concept in the Maintenance Support arena by utilizing civilian contract personnel to assist in providing customer service, and in the processing of AUTO-MCMARS and ASI tapes. The division continued to provide outstanding customer service while processing more than \$3 million in CASREP requirements and priority 02/03 and open purchase requisitions.

WEAPONS

The backbone of the carrier strike arm, Weapons Department completed another outstanding year in which they won their third consecutive Black "W" award for excellence. Consisting of five divisions, Weapons department is responsible for the procurement, stowage, assembly, and movement of all shipboard and air launched weapons. Specific divisional accomplishments include the following:

G-1 DIVISION

Flawlessly directed flight deck operations for 10 vertical replenishments, transferring more than 400,000 pounds of stores and a variety of high explosive ordnance. The flight deck team's skill and vigilance ensured these evolutions were carried out without a single personnel or equipment casualty.

Spent thousands of man-hours in preventative and corrective maintenance on more than 1,700 pieces of aviation weapons support equipment enabling IKE and Carrier Air Wing 7 to meet all operational commitments during the work up cycle.

Maintained 100 percent availability of forklifts during all ammunition and supply on loads. Spent more than 2,500 man-hours on the corrective and preventative maintenance of 30 EE forklifts and 10 pallet jacks.

Continued a mishap free history of forklift operations by implementing an improved forklift training and licensing program. Qualified 90 personnel as explosive forklift operators under this new program.

Proved to be an innovative and self-sufficient division. Of the 30 forklifts carried onboard, 29 were weight tested and four were completely overhauled by divisional personnel.

G-2 DIVISION

Continued vitally important emergency and watchstander training. Conducted six flawless OTTO fuel spill and small boat attack drills. Trained more than 350 quarterdeck watchstanders in small arms handling, enabling IKE to expand its number of inport duty sections.

During COMPTUEX and JTFEX, handled and stowed various weapons for the SEAL team, Explosive Ordnance Disposal Detachment, and Carrier Air Wing 7. Maintained 100 percent accurate accountability and custody of all weapons.

Noted by the Ordnance Handling and Safety assistance team as having one of the best small arms programs on the east coast. Their visit and inspection yielded only minor, easily correctable, discrepancies.

Completed a variety of vital and intricate inspections, installations, and repairs to over 50 valves and 550 test fittings on the Magazine Sprinkler System that saved the Navy over \$50,000.

Completed a demanding Conventional Ordnance Readiness Review (CORR) with only one minor discrepancy noted and a Torpedo Readiness Certification Inspection that led to IKE being certified to carry torpedoes.

G-3 DIVISION

Provided Carrier Air Wing 7 with ordnance for training purposes during COMPTUEX and JTFEX. Expended over 500 high explosive and inert bombs as well as a variety of air-to-air and air-to-ground missiles.

Trained 70 divisional personnel in weapons assembly, including advanced training on assembly of the Joint Direct Attack Munitions (JDAM) weapon, becoming the first East Coast CVN certified to carry the JDAM.

Hosted various members of the United States Congress and the national news media. During these visits, G-3 personnel conducted tours, provided explanations about bomb building procedures, and conducted numerous question and answer sessions.

Provided a crucial detachment of weapons personnel during Carrier Air Wing 7's training at Naval Air Station Fallon, NV. Their high level of knowledge and dedication enabled the pilots of Carrier Air Wing 7 to deploy at the highest level of readiness.

Completed a demanding Conventional Ordnance Readiness Review, Ordnance Handling Safety Assist Team Visit and Mine Readiness Certification Inspection. Scored outstanding during all inspections and recorded no major discrepancies.

G-4 DIVISION

Worked in tandem with Newport News Naval Shipyard to compile data on more than 300 hydraulic hoses. This information was vital in the development of new and improved equipment and techniques to be used on aircraft carriers in the future.

Provided invaluable elevator services during COMPTUEX and JTFEX. Performed more than 2,500 elevator runs transporting thousands of tons of live and training ordnance in support of Carrier Air Wing 7 flight operations.

Performed more than 1,600 preventative maintenance actions and 225 repairs on 10 weapons elevators while repairing and refurbishing the hydraulic cylinders and elevator shafts on the same 10 weapons elevators.

Assisted the Elevator Support Unit in assessing the material readiness of 10 weapons elevators. Used the information garnered from this inspection to complete 270 repairs to the weapons elevators.

Continued a demanding ship support and training program. Trained 30 personnel in weapons elevator operation. Ensured that qualified people were on hand to perform 40 elevator runs during medical emergencies.

G-5 Division

During demanding COMPTUEX and JTFEX training exercises, ensured all air launched weapons were on hand for training. Controlled the movement of a variety of precision guided bombs and missiles in support of Carrier Air Wing 7 flight operations.

Continued to work to ensure IKE had the most up to date weapons arsenal. Attained Joint Stand Off Weapon (JSOW), Joint Direct Attack Munitions (JDAM), and BLU-116 capability.

Attained the ability to conduct mine warfare following a highly successful Mine Readiness Certification Inspection. Received high praise from the inspectors for the preparation and depth of knowledge displayed.

Tracked and recorded thousands of tons of air launched weapons. Ensured each weapon taken aboard met the proper standard of quality and was properly catalogued and stored.

3M/QA DEPARTMENT

During 1999, 3M/QA noted the following accomplishments:

3M:

- Coordinated and maintained a highly effective Division in the Spotlight program, which has directly contributed to improved administrative and material readiness throughout the ship.

- Processed and acted upon more than 300 technical feedback reports that have improved and streamlined the Preventative

Maintenance Program to remove unnecessary man-hours performing maintenance.

- Maintained 98 percent accuracy of the Consolidated Ship's Maintenance Program (CSMP) while experiencing an unprecedented 50 percent increase in repair and maintenance jobs ship-wide for the ship's Planned Incremental Availability (PIA).

- Maintained a highly effective Zone Inspection Program, which positively affected material readiness and cleanliness shipwide.

QA:

- Improved and updated the ship-wide Quality Assurance training program to bring IKE into compliance with Change 3 of the Joint Fleet Maintenance Manual.

- Reviewed and issued 99 Controlled Work Packages for the '99 PIA.

- Completed three Nuclear Power Mobile Training Team administrative reviews with very successful results.

- Received an "Increasing" grade for Operational Reactor Safeguards Exam.

- Received an "Excellent" on our COMNAVAIRLANT Quality Assurance Audit.

- Held continuous training and re-qualification exams on all shipboard Quality Assurance Inspectors (QAI), Controlled Material Petty Officers (CMPO), Steam Plant Cleanliness Inspections (SCI), and Reactor Plant Cleanliness Inspectors (RCI).

- Developed and implemented a ship-wide zone inspection program for INSURV.