

Walls HT 3

U.S.S. RANGER CV-61



Welcome
Aboard

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ACKNOWLEDGEMENTS

USS RANGER'S TRAINING DEPARTMENT wishes to acknowledge the hard work and dedication of the following individuals whose time and efforts made this publication possible.

I-DIVISION OFFICER, NCCS ROGER L. TALOB, for organizing and editing the entire project.

BMI THOMAS L. SATTERFIELD, for his diligence in gathering information and developing the format of this manual.

Seaman FRANK ZUFALL, for his composition, drafting, typing and writing.

Airman JAMES CHILTON, for his assistance and typing.

PNSA STEVE ALEXANDER, for his typing and composition.

PH1 NELSON RICHARD and the PHOTO LAB (OP-DIV.) for their photographic contribution and excellent service.

LT1 JOHN VAN WARREBEY and the PRINT SHOP for their enthusiasm, interest and hard work in the printing of this manual.

To all departments who contributed time effort, and assistance in making this manual possible.

THANK YOU.



FROM THE SKIPPER: "WELCOME ABOARD!"

Dear Shipmate,

On behalf of the entire crew of RANGER and myself, Welcome Aboard the finest aircraft carrier in the world today, USS RANGER, the "TOP GUN" of the Pacific Fleet.

Together, RANGER and her embarked Air Wing (CVW-2) are a significant part of the UNITED STATES NAVAL FORCES which are charged with the mission of conducting prompt and sustained combat operations at sea in support of U. S. National Interests. Free use of the seas is vital to the survival of the UNITED STATES. In peace and during war, carriers are uniquely suited to carry out the all-important Sea Control mission of the Navy.

During your tour of duty onboard RANGER, you'll experience the true life style of sailors at sea and you will become acquainted with different shipboard equipment, various types of aircraft onboard and most of all, your shipmates. Take advantage of your tour of duty on RANGER to make yourself a better man. Join your shipmates as RANGER continues to "Grow her own," by utilizing your free time fulfilling requirements for advancement.

Once again, "Welcome Aboard". We hope you'll find your tour here pleasant, challenging and rewarding, as well as an opportunity to increase your knowledge and appreciation for the important mission that RANGER carries out as a part of today's ever vital Navy.

Sincerely,

D. A. PEDERSEN
CAPTAIN USN



I-Division personnel participating in advancement ceremonies on the USS RANGER, where making rate (GROW YOUR OWN) is highly encouraged.

TRAINING OFFICER NOTES

To: I-DIVISION STUDENTS

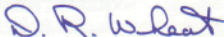
INDOCTRINATION (I) DIVISION

The Training Department and I-Division staff welcome you aboard I-Division. Your first week aboard RANGER will be spent in INDOCTRINATION (I) DIVISION, where you will attend classes designed to familiarize you with the RANGER'S overall function, and the function of the main Departments and Officers aboard.

Upon completion of INDOCTRINATION classes you will check into your respective divisions. Later, you will attend a 2 and 1/2 day Damage Control PQS course.

Our primary job is to help you adjust to shipboard life as quickly and painlessly as possible. If you have any questions or problems, Please Don't Hesitate to bring them to me or my I-Division staff. Our phone extensions are 176/860. We are here to help you.

Respectfully,



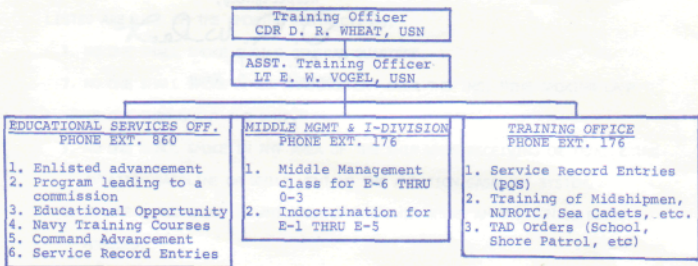
D.R. WHEAT
Commander U.S. Navy



CDR D. R. WHEAT, USN, TRAINING OFFICER

The following is a schematic of the officers, offices, and functions of the Training Department

TRAINING DEPARTMENT





EDUCATIONAL SERVICES CLASSROOM
03-244-41

The Educational Services Classroom (ESO) is used for I-Division sessions, PACE (PROGRAM FOR AFLOAT COLLEGE EDUCATION) classes and other educational programs.

I-DIVISION STUDENTS, WATCH QUARTER & STATION BILL

All I-Division students are assigned duty sections. Duties include the following: sweepers, head cleaner, compartment/fire watch or I-Division Office telephone watch as required. The senior man in the class is assigned as the CLASS LEADER.

During shipboard drills or actual emergencies such as General Quarters, Fire, Man-overboard etc... All I-Division students are required to muster in the I-Division classroom on-the-double with the I-Division Officer.

I-DIVISION OFFICER

Ranger Organization

Fourteen departments make up Ranger's internal organization and each department consists of one or more divisions of enlisted men and officers.

Department sizes range from less than 20 men to more than 600 men.

Each division is assigned a specific responsibility which may range anywhere from health care to launching aircraft.

In addition to the various departments, all of which make up the ship's company, an air wing comes aboard before the ship deploys overseas, bringing along several squadrons of aircraft.

These squadrons operate 80 to 90 planes and include almost 2,500 officers and enlisted men who fly, arm and maintain their aircraft.

Administrative

The Administrative Department handles the reams of paperwork required to keep the ship functioning smoothly. Nearly all of the ship's clerical duties are handled by this department, from keeping personnel records to processing men for advancement.

The Administrative Department includes men who publish the ship's daily newspaper and operate the television and radio system.

Ranger's Catholic and Protestant chaplains are also a part of this department. They provide spiritual ministry for the crew.

Engineering

The Engineering Department, totaling 650 personnel, can be compared to a large utility company, providing complete services to a city of 5,000 residents.

Engineering provides the necessary items such as 400,000 gallons of fresh water; 17,000,000 watts of electrical power; sewage systems; and heating and air conditioning.

Another responsibility is to provide steam throughout the ship for two reasons: to propel Ranger through the water with four 70,000 horsepower engines and to catapult aircraft off the flight deck at a speed of 150 miles an hour.

Another part of Engineering's mission is the ship-board firefighting and damage control organization. When fire occurs on Ranger, a small and highly trained fire group responds immediately.

Navigation

The Navigation Department ensures the safety of the ship by maintaining and accurately plotting the ship's position and course.

Using celestial, electronic and visual means, the navigator advises the commanding officer and the officer of the deck about the ship's movements and safe courses to be steered.

This department is also responsible for the training of junior officers as Officer of the Deck in port and underway, and for the training of senior officers as Command Duty Officers.

Navigation is also responsible for the proper rendering of all military honors and ceremonies.

Deck

The Deck Department, Ranger's newest department was formed in June of 1969. It was originally a part of the Weapons Department.

Under the direction of the ship's First Lieutenant, Deck's boatswains mates do most of the traditional seaman's work mooring and anchoring the ship, operating the ship's boats, caring for the ship's exterior surfaces and (as Boatswains mates of the Watch) using their distinctive pipes to "call away" evolutions from General Quarters to Mail Call.

Most importantly, the Deck personnel man the ship's underway replenishment stations, taking on oil, ammunition and stores.

Marine Detachment

Ranger carries a detachment of Marines, with their own commanding officer who assists Ranger's commanding officer.

The Marines provide internal security and take part in special ceremonies. Marines frequently provide color guards for various occasions. Orderlies to the commanding officer and flag officers are also chosen from the Detachment.

Air

The mission of the Air Department is to conduct launching and landing operations and to exercise local control of airborne aircraft in order that embarked air squadrons and detachments can most effectively conduct air operations.

AIMD

The Aircraft Intermediate Maintenance Department (AIMD) is equipped and staffed to provide Industrial level maintenance support for all embarked squadrons aircraft, the ship's C-1A aircraft and onboard ground support equipment.

The AIMD maintains 22 production work centers and 5 support work centers with repair capabilities varying from aircraft engine repair, including full engine test cell facilities, to aircraft electronics and micro-miniature circuit repair. Many of AIMD's facilities are equipped with highly sophisticated computer based automatic test equipment. This equipment provides computer diagnosed fault isolation which allows the technician to quickly and completely troubleshoot the defective component and make the necessary repairs.

The AIMD is manned by over 400 skilled technicians from both ship's company and the embarking airwing. These two groups possess complimentary training and skill levels which when integrated ensure full support coverage.

By providing a broad range of repair/support capabilities, the AIMD is able to assist the ship and airwing in maintaining a high state of aircraft readiness, and reduced dependence upon shore based logistics support.

Supply

The business organization of Ranger, the Supply Department procures, receives, stows, issues and accounts for the majority of material necessary to operate the ship and to equip its personnel.

This includes maintaining parts and repairing everything from aeronautical equipment and machinery to electronic and ordnance equipment.

The department feeds and pays the crew, takes care of their laundry needs, and provides personnel services such as stores outlets, barber shops, and soda fountains.

Communications

The Communications Department handles the receiving of visual and wireless messages.

Its radio circuits automatically encode and decode intelligence. Modern teletype machines can pass the information throughout the task group of ship's operating with Ranger, and further away at a rate of 100 words per minute.

Weapons

The 200 men of the Weapons Department control the offensive and defensive capabilities of Ranger.

The gunnery group performs maintenance and repair on the two 5-inch 54 caliber gun mounts and their complementary fire control and radar systems. These weapons allow the ship to defend herself against sea or surface attack.

The ordnance group provides the embarked air wing with the ordnance necessary to provide it's offensive capability.

Bombs and missiles are stored, tested and maintained by the ordnance group and are delivered to the flight deck for loading aboard the aircraft. These sophisticated weapons can be effectively delivered against air, land or surface targets only if Weapons Department has done its job properly.

Medical/Dental

Ranger's Medical and Dental Departments are responsible under the commanding officer for the treatment of the sick and injured, for the prevention and control of diseases, for promoting good health and for giving advice on such matters as hygiene, sanitation, and safety. Included in this is the responsibility of maintaining medical supplies and equipment and keeping health records and making medical reports.

Operations

The mission of the Operations Department is to collect, amplify and disseminate combat and operational information which is required for the assigned tasks of the ship and its air wing.

Operations also provides air intelligence, meteorological, photographic, scheduling and coordination of the ship and her assigned aircraft.

GENERAL SHIPBOARD REGULATIONS

UNIFORM STANDARDS

IT IS YOUR RESPONSIBILITY TO STAY IN THE PROPER UNIFORM OF THE DAY WHEN MOVING ABOUT THE SHIP EXCEPT WHEN CIVILIAN CLOTHES OR ATHLETIC ATTIRE ARE AUTHORIZED. FAILURE TO DO SO COULD RESULT IN DISCIPLINARY ACTION. LISTED BELOW ARE SOME OF THE MOST COMMON UNIFORM INFRACTIONS:

1. FRAYED OR MUTILATED WORKING UNIFORM.
2. SHIRT TAIL OUT OF TROUSERS.
3. NO BELT.
4. NO T-SHIRT.
5. NO SOCKS.
6. LONG SLEEVES ROLLED UP.
7. NO STENCILS.
8. IN EXPOSED AREAS OF THE SHIP WITHOUT BALLCAP (IN PORT).
9. GENERAL GROOMING.

BERTHING

BERTHING REGULATIONS WERE MADE FOR THE PURPOSE OF INSURING THAT THE BERTHING COMPARTMENTS ARE MAINTAINED IN A STATE CONDUCTIVE TO THE REST AND RELAXATION OF ALL HANDS DURING THEIR NON-WORKING HOURS. LISTED BELOW ARE SOME OF THE THINGS THAT YOU WILL DO TO KEEP THE LIVING CONDITIONS AS COMFORTABLE AS POSSIBLE.

1. BUNKS WILL BE MADE WHEN NOT OCCUPIED.
2. NO LAYING IN BUNKS WITH WORKING CLOTHES ON.
3. NO SITTING ON BUNKS WITH WORKING CLOTHES ON.
4. NEVER SMOKE IN THE BUNK.
5. NEVER USE A BUNK OTHER THAN YOUR OWN.

6. CHANGE LINEN AT LEAST ONCE A WEEK.
7. ALWAYS KEEP A SHEET OR MATTRESS COVER ON BUNKS.
8. STOW ALL PERSONAL GEAR.
9. USE ASH TRAYS OR BUTT KITS.
10. USE TRASH CONTAINERS.
11. OBSERVE TAPS.
12. CEASE GAMES AT TAPS, UNLESS USING LOUNGE AND WILL NOT DISTURB OTHERS.
13. SECURE T.V. AT TAPS.

SMOKING

IT HAS BEEN SAID THAT THE MOST DREADED ANNOUNCEMENT YOU WILL HEAR ON A SHIP IS "FIRE, FIRE, FIRE!" OF COURSE FIRE IS ALWAYS A CONSTANT THREAT TO ANY SHIP AT SEA, AND THE FACT THAT ONCE A FIRE STARTS THERE ISN'T ANY PLACE TO RUN MAKES THE VERY THOUGHT OF FIRE EVEN MORE OMINOUS.

ON AN AIRCRAFT CARRIER THE DANGER OF FIRE IS MANY TIMES GREATER. THIS SHOULD BE OBVIOUS WHEN YOU THINK OF ALL THE FLAMMABLE MATERIAL CARRIED ABOARD.

LISTED ARE SOME OF THE SMOKING RESTRICTIONS.

1. NO ONE SHALL SMOKE DURING GENERAL QUARTERS.
2. NO ONE SHALL SMOKE AFTER ANNOUNCEMENT OVER THE IMC, "THE SMOKING LAMP IS OUT THROUGHOUT THE SHIP."
3. NO ONE SHALL SMOKE IN ANY AREA OF THE SHIP WHEN RECEIVING OR TRANSFERING AVIATION GASOLINE OR WHILE VENTING THE AVIATION GASOLINE SYSTEM.
4. NO ONE SHALL SMOKE IN ANY AREA OF THE SHIP WHERE AMMUNITION IS BEING HANDLED.
5. NO ONE SHALL SMOKE IN ANY OF THE FOLLOWING SPACES AT ANYTIME:
 - A. STOREROOMS, AVIATION TANK COMPARTMENTS, AVIATION FUEL PUMPROOM, VOID OR TANK.
 - B. IN ANY SHOPS OR SPACES WHERE FLAMMABLE LIQUIDS ARE BEING USED OR

HANDLED.

- C. IN BUNKS.
- D. IN AMMUNITION MAGAZINES, HANDLING ROOMS, READY SERVICE ROOMS, GUN MOUNTS, OR TURRETS.
- E. IN AVIATION FUEL CONTROL STATIONS AND BATTERY CHARGING ROOMS.
- F. FLIGHT DECK, CATWALKS, WEATHER DECKS, HANGAR BAY, GUN PLATFORMS, AND IN PASSAGEWAYS.

KNIVES

- 1. PERSONNEL SERVING ON RANGER ARE PERMITTED TO CARRY OR TO HAVE IN THEIR POSSESSION ONLY AN ORDINARY PEN KNIFE.
- 2. ONLY THOSE PERSONNEL WHO HAVE AUTHORIZATION BY THE CMAA TO CARRY A SEAMAN'S KNIFE MAY HAVE OTHER THAN AN ORDINARY PEN KNIFE IN THEIR POSSESSION.
- 3. NO RANGER PERSONNEL ARE PERMITTED TO CARRY ASHORE OR TO HAVE ON THEIR PERSON WHILE ASHORE ANY TYPE OF KNIVES OTHER THAN ORDINARY PEN KNIVES HAVING MAXIMUM BLADE LENGTH OF TWO INCHES OR LESS.
- 4. THE ORDINARY PEN KNIFE OR SEAMANS KNIFE WHEN AUTHORIZED FOR USE WILL NOT BE OPENED, DISPLAYED, BRANDISHED OR HANDLED IN ANY MANNER THAT MAYBE CONSTRUED AS A THREATENING GESTURE.
- 5. LISTED ARE SOME SPORTS EQUIPMENT AND SOUVENIRS THAT ARE CONSIDERED DANGEROUS WEAPONS AND REQUIRE AN AUTHORIZATION FROM THE CMAA BEFORE THEY CAN BE BROUGHT ABOARD THE SHIP:
 - A. MACHETES
 - B. BLOW-GUNS
 - C. SWORDS
 - D. SPEAR-GUNS
 - E. PELLET-GUNS (PNEUMATIC)

F. BOW & ARROWS

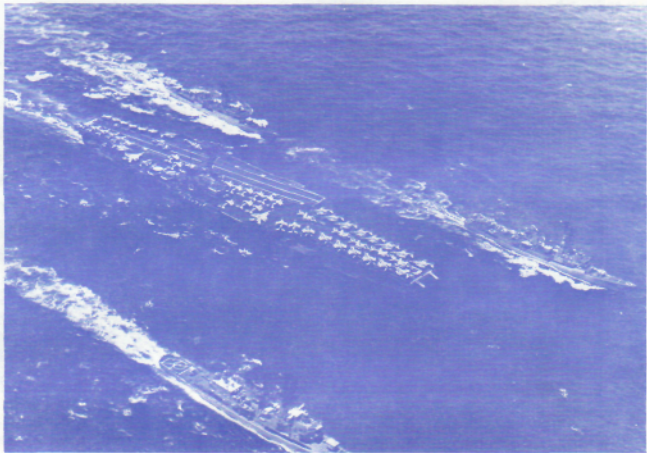
G. CROSS-BOW

H. MARTIAL ARTS ITEMS (KARATE STICKS, ETC, ETC)

DRUGS

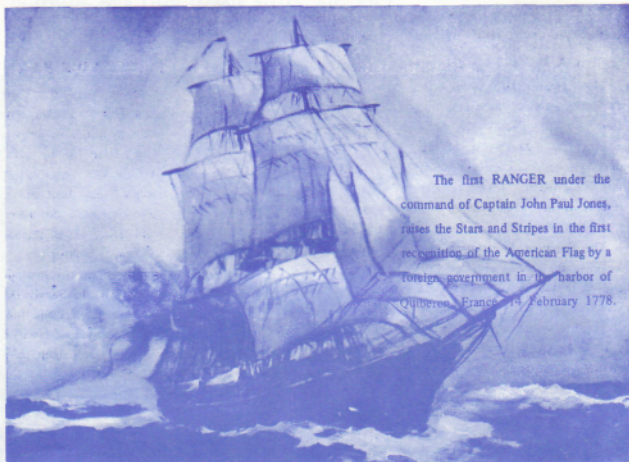
COMING TO YOUR FIRST SHIP CAN BE A STRANGE AND BEWILDERING FEW WEEKS FOR MANY OF YOU. A BOOK CAN BE WRITTEN AND A THOUSAND LECTURES GIVEN ON WHY DRUGS SHOULD NOT BE USED ON BOARD THE SHIP. AS YOU LEARN DAY AFTER DAY ABOUT THE WORKING'S OF THE SHIP, REASONS BECOME OBVIOUS. THERE ARE MANY DIFFERENT REASONS BUT THE MOST PARAMOUNT OF ALL IS THE FACT THAT YOU ENDANGER NOT ONLY YOUR LIFE, BUT THAT OF YOUR SHIPMATES. WOULD YOU WANT SOMEONE "REDDERED OUT" ON BARBITUATES TO LEAD OR POSSIBLY TRY TO CARRY YOU OUT OF A BURNING, SMOKE-FILLED COMPARTMENT? IT HAS HAPPENED, USUALLY WITH TERRIBLE CONSEQUENCES. GETTING BLOWN OVER THE SIDE BY A JETS AFTER-BURNER MIGHT BE A RUSH YOU WON'T WANT TO EXPERIENCE. THE SHIP'S DRUG/CARE CENTER WILL HELP YOU WITH ANY PROBLEMS YOU MIGHT ENCOUNTER IF YOU CAN'T FIND SATISFACTION ANYWHERE ELSE. THE NAVY HAS SET UP THE HUMAN GOALS PROGRAM TO ASSIST YOU WITH A VARIETY OF SERVICES. IF YOU WANT TO JUST RAP, OR NEED SOME HELP WITH A PROBLEM, NOT NECESSARILY DRUGS, COUNSELORS ARE AVAILABLE AT ANY TIME. IT'S FINE IF YOU HAVE A DEATH WISH, BUT THERE ARE A LOT OF THINGS TO OCCUPY YOUR TIME AT SEA THAN GETTING HIGH, NOT TO MENTION THE LEGAL ASPECTS OF IT. CAPTAIN'S MAST CAN PROVE TO BE A DOWN RIGHT BUMMER. THE BRIG IS NO PLACE TO START YOUR TOUR ABOARD THE SHIP, SO THINK ABOUT IT. MANY OF YOU WILL HAVE OPPORTUNITIES TO GET HIGH HERE ON THE SHIP, BUT IN THE END IT IS YOU THAT WILL HAVE TO MAKE THE FINAL DECISION. THAT DUDE SITTING ON THE DECK NODDING OUT, SURE MUST BE HAVING A GOOD TIME LISTENING TO THE MUSIC AND JUST DRIFTING ALONG WITH A GRIN FROM EAR TO EAR. WOULD YOU PUT YOUR LIFE IN HIS HANDS. THE TIME MIGHT COME WHEN YOU HAVE NO CHOICE, BUT THEN, AFTER THAT YOU WON'T HAVE TO WORRY ABOUT IT. LIKE DRINKING AND DRIVING, DRUGS AND SHIPS DON'T MIX.

THE "TOP GUN" overview picture.....



along with the three , plane guard Destroyers, enroute to WEST PAC.

LITTLE DID ANYONE KNOW THAT AN 18 GUN CONTINENTAL FRIGATE THAT HARASSED THE BRITISH DURING THE REVOLUTIONARY WAR WAS TO BECOME THE ANCESTOR OF AN 88,000 TON AIRCRAFT CARRIER CAPABLE OF CONDUCTING OFFENSIVE AND DEFENSIVE OPERATIONS THROUGHOUT THE WORLD.....



The first RANGER under the command of Captain John Paul Jones, raises the Stars and Stripes in the first recognition of the American Flag by a foreign government in the harbor of Quiberon, France, 14 February 1778.

The first RANGER, an 18 gun Continental Navy ship sloop, initially called HAMPSHIRE, was launched 10 May 1777, by James K. Hackett, master shipbuilder at Portsmouth, N. H., Captain John Paul Jones in command.

After reporting to RANGER, Captain Jones found she was not ready to sail. After nearly six months of work, the first RANGER was finally ready. It sailed for France 1 November 1777, carrying dispatches telling of General Burgoyne's surrender to the Commissioners in Paris. On the return voyage, two British prizes were captured.

RANGER arrived at Nantes, France 2 December 1777, where Jones sold the prizes, and delivered the news of the victory at Saratoga to Dr. Benjamin Franklin. On 14 February 1778, she received the first official salute to the new American flag, the 'Stars and Stripes', given by the French Fleet at Quiberon Bay.

Captain Jones led a daring raid on the British port of Whitehaven, 23 April 1778, spiking the guns of the fortress, and burning the ships in the harbor. Captain Jones sailed across the North Channel to Carrickfergus, Ireland, to induce HMS Drake's 20 guns to come out and fight. The Drake came out slowly against the wind and tide. After an hour's battle, the battered Drake struck her

colors with two Americans and 40 British killed in combat. Having made temporary repairs and with a prize crew on Drake, RANGER continued around the west coast of Ireland, capturing a stores ship and arriving at Brest, Ireland with her prizes on 8 May 1778.

Captain John Paul Jones was later relieved of command on RANGER, to take charge of the Bon Homme Richard. The RANGER's role with the U. S. Navy continued until 11 May 1780. At that time, while she was stationed in Charleston, South Carolina, the first RANGER fell into the hands of the British, who re-named her the HALIFAX.

The second RANGER, an armed schooner, probably a former privateer as well, was purchased in Baltimore, Maryland in March 1814. She was used as a lookout vessel in Chesapeake Bay during the War of 1812. The schooner was sold in Baltimore in the year of 1816.

The third RANGER, a brigantine of 14 guns was purchased on Lake Ontario in 1814 for duty with Commander Issac Chauncey's squadron in the war of 1812, serving as a transport or a supply ves

sel. She was condemned as being unfit for further repairs and service, and was sold 15 May 1821.

The fourth RANGER, an iron hulled steam powered vessel, with a full rig auxiliary sail, was laid down in 1873; launched in 1876 in Wilmington, Delaware; and commissioned at League Island Naval Shipyard, Philadelphia Pennsylvania 27 December 1876, with Commander H. D. Manley in command.

The fourth RANGER later operated off Central America where, because of maintenance problems, she was decommissioned for good in April 1909.

The fifth RANGER, a steam driven steel hulled Yacht built by Robert Jacob, City Island N. Y., in 1910. was purchased by the Navy 22 June 1917 and commissioned as SP-237 on 9 October 1917, Lt. J. J. Smith in command. She operated as a patrol craft in the 3rd Naval District until she was decommissioned 28 April 1919, and transferred to the Coast and Geodetic Survey Office. She served with the Department of Commerce until 26 November 1930. She was finally struck from the Navy list 4 September 1931.

The sixth RANGER, a wooden motorboat built by T. A. Scott Co; New London, Conn., in 1882 and rebuilt in 1915; was acquired by the Navy on charter on 10 Sep-

tember 1918; commissioned on 11 September at Charleston S. C., with LT(jg) J. F. Lucas in command. She was used briefly as a coastal minesweeper in the 6th Naval District during World War I, and was removed from the Navy list and returned to her owner on 10 January 1919.

The seventh RANGER, (CV-4), the first ship of the Navy to be designed and built from the keel up as an aircraft carrier was laid down 26 September 1931. It served as flagship of Rear Admiral A. B. Cook until 6 April 1942; when he was relieved by Rear Admiral Ernest D. McWhorter, who also broke his flag on RANGER.

The eighth and current RANGER (CV-61), a Forrestal-class aircraft carrier, was laid down 2 August 1954 by the Newport News Shipbuilding & Drydock Co., Newport News, Va; launched 29 September 1956; sponsored by Mrs. Arthur Radford, wife of Admiral Radford, the then Chairman of the Joint Chiefs of Staff; and commissioned at the Norfolk Shipyard 10 August 1957, with Captain Charles T. Booth in command.

On 21 February 1979, RANGER departed its NAS North Island home for a 14th WestPac cruise. After she returned home seven months later, she underwent a Restricted Availability Period, in preparation for subsequent exercises prior to her scheduled departure for WestPac in 1980.



USS RANGER (CV-61) EIGHTH OF A SERIES, DISPLAYS HER VARIED AND SOPHISTICATED AIRCRAFT COMPLEMENT. RANGER DISPLACES 88,000 TONS AND IS CAPABLE OF CARRYING MORE THAN 5,000 MEN AND THEIR ASSOCIATED EQUIPMENT ON AN EXTENDED DEPLOYMENT OVERSEAS.

SHIP'S CHARACTERISTICS

1. Dimensions and general structural characteristics.
 - a. Length, overall (Flight Deck level) - 1071' 11".
 - b. Breadth overall - 271' 4".
 - c. Draft, above bottom of keel - 33' 9 7/8".
 - d. Displacement (average) - 81,000 tons.
 - e. Waterline to: (from 33' 9 7/8 draft line to nearest foot).
 - (1) Highest radar (TACAN) - 191'.
 - (2) Speed and Aircraft Warning Lights - 187'.
 - (3) Man Overboard and Breakdown Lights (On Mainmast) 185' & 155'.
 - (4) Underwater task light (On Mainmast) - 186' & 155'.
 - (5) Blinker lights (on tips of Mainmast Yardarm) - 142'.
 - (6) Range Light (On Mainmast) - 147'.
 - (7) Masthead light (On Platforms atop fwd end of Island) 110'.
 - (8) 09 Level (Air Defense) - 113'.
 - (9) 08 Level (Navigation Bridge) - 98'.
 - (10) 07 Level (Flag Bridge) - 84'.
 - (11) Flight Deck - 64'.
 - (12) Forward Anchor Lights - 62'.
 - (13) Side Light - 61'.
 - (14) Stern Light - 35'.
 - (15) Main Deck - 28'.
2. Fuel capacity (approx.)
 - a. Fuel oil (DFM) - 2,400,000 GALS
 - b. Diesel fuel - 100,000 gals.
 - c. JP-5 1,613,000 gals.

- d. AVGAS - 241,100 gals.
3. Fresh and Feed Water
- Capacity - 314,000 gals. Fresh Water - and 183,000 gals. feed water.
 - Daily production - 390,000 gals. Evaporator capacity is rated at 390,000 gallons daily but this is dependent upon sea water temperature and the condition of the evaporator.
 - Normal daily consumption - 330,000 gals. This is dependent upon amount of water needed for various ship's services, such as cooking, laundering, showers, cleaning of spaces, washdown of aircraft, print shops and photo labs, etc.
4. Anchors and anchor chains.
- Weight of each anchor - 30 tons.
 - Chain length - 188 fathoms (each)
 - Links per fathom of chain - 3.
 - Weight per link - 360 pounds.
5. Propellers - the ship has four constant pitch propellers each propeller has five blades and is 21 feet in diameter. There are two right hand twist (clockwise) propellers on the starboard side and two left twist (counter-clockwise) propellers on the port side.
6. Rudders - RANGER has two L-shaped rudders, each having an effective area of 490 square feet.
7. Height of Eye/Distance to horizon.
- 09 Level (Air Defense) - 113' with distance to horizon of 11.8 miles
 - 08 Level (Navigation Bridge) - 98' with distance to horizon of 11.3 miles.
 - 07 Level (Flag Bridge and After Air Lookout station) 90' with distance to the horizon of 11.0 miles.
8. Personnel Accommodations
- | | |
|-------------------------|------|
| a. Officers | 370 |
| b. Chief Petty Officers | 247 |
| c. Enlisted | 4218 |

9. Flight Deck
- a. Total gear 143,000 sq. ft.
 - b. Arresting gear 4
 - c. Deck Edge Elevators 4
 - d. Steam Catapults 4
 - e. Barricades 3 reg. 1 E-2/C-2
in Ready Service Locker
1 practice
10. Aircraft fueling stations (JP/AVGAS) 17/2 Flt Deck
6/1 Hangar Deck
11. Launch Rate 1 every 35 seconds
12. Miscellaneous
- a. Aircraft total (Average) 80
 - b. Life rafts total capacity 110% of ships manning

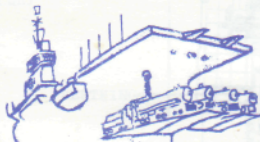
did you know?



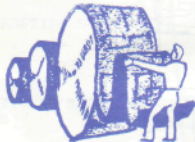
If all of the 2,000,000 pounds of weld metal used on RANGER were $\frac{1}{2}$ -in. size, it would extend a distance of 2,400 miles or from Newport News, VA. to San Francisco, CA.



Each of RANGER's four propellers measure more than 32 feet or the height of a two-story home.



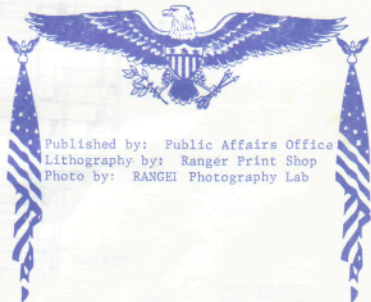
The RANGER's anchor chains could sustain the weight of four of the largest locomotives.



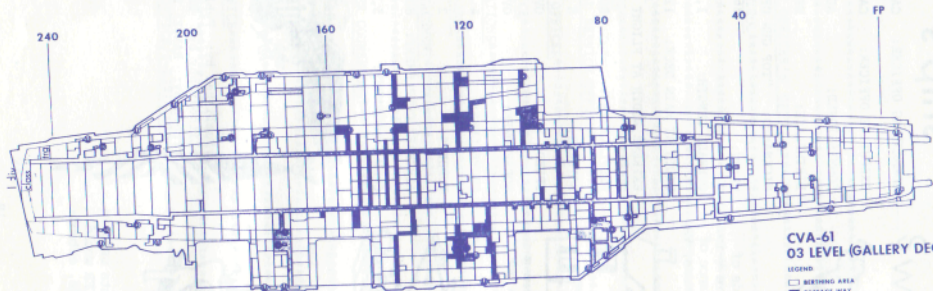
The several million blueprints used in the construction of the RANGER would form a pathway 30 inches wide, extending for 2,100 miles.

ship's data

COMMANDING OFFICER:	CAPTAIN DAN A. PEDERSEN
EXECUTIVE OFFICER:	CAPTAIN LEE B. CARGILL
COMMISSIONED:	AUGUST 10, 1957
BIRTHPLACE:	NEWPORT NEWS, VIRGINIA
NICKNAMED:	"TOP GUN OF THE PACIFIC FLEET"
DRAFT:	36 FT. 9 IN.
OVERALL LENGTH:	1,071 FT.
WIDTH AT MAIN DECK:	129 FT. 4 IN.
EXTREME WIDTH AT FLIGHT DECK:	270 FT.
DISPLACEMENT:	80,000 TONS
BOILERS:	8
SPEED:	OVER 25 KNOTS
HORSEPOWER:	OVER 280,000
PROPELLERS:	4
RUDDERS:	2
AIRCRAFT COMPLEMENT:	80-90 AIRCRAFT
CREW COMPLEMENT:	5,000 ENLISTED & OFFICER



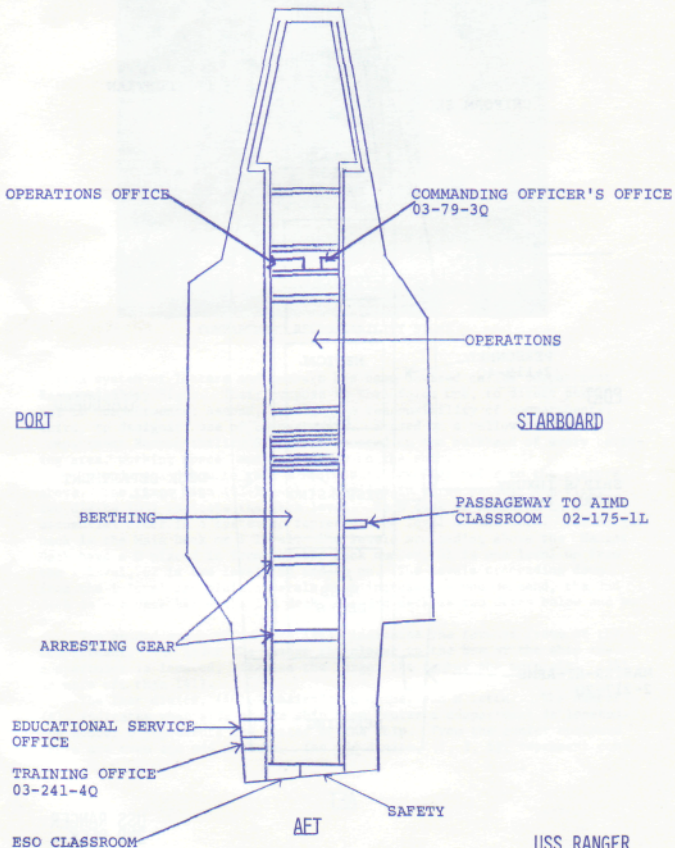
Published by: Public Affairs Office
Lithography by: Ranger Print Shop
Photo by: RANGEI Photography Lab



**CVA-61
O3 LEVEL (GALLERY DECK)**

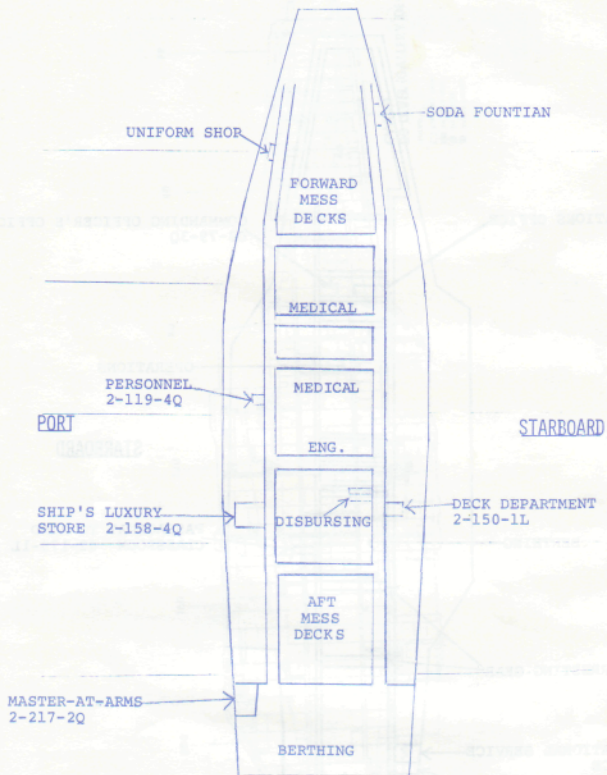
- LEGEND
- BEDDING AREA
 - PASSAGE WAY
 - ▮ UP LADDER
 - ▯ DOWN LADDER

BOW



USS RANGER
03 LEVEL

BOW



STARBOARD

PORT

AFT

USS RANGER
2ND DECK



COMPARTMENT RESPONSIBILITY SIGNS

A system of letters and numbers has been devised called Compartment Responsibility Signs. Their purpose is threefold: One, to direct personnel to compartments; second, to organize responsibility of compartments; third, to designate use of compartments. Framed on a yellow background, Compartment Responsibility Signs are located on the bulkhead of every berthing area, working space and passageway on the ship.

To understand how to read a Responsibility Sign refer to the picture above. The first line (03-24-40) is divided in three parts. The first two digits (03) indicate the deck level. Each deck is numbered in a sequential order in a system to represent the level of the deck. The Hangar Deck is the Main Deck or 1 level. The levels proceeding above the Hangar Deck have a 0 placed in front of the deck number, 01 is one level up from the 1 level, 02 is two levels up and so on. The levels proceeding down from the 1 level are plain numerals that increase as you descend, the 2nd deck is one deck below the 1st deck, the 3rd deck is two decks below and so on.

The second group of numbers (241) indicates the forward frame of the compartment. The lower the number the closer to the bow of the ship the compartment is located, likewise the larger the number the more aft. (241 is more aft than 141).

The last digits, (40), consist of a number and a letter. The number (4), indicates what side of the ship from center a compartment is located. The number 0 represents the center of the ship. From the center outboard there are even and odd numbers. The odd digits, (1, 3, 5), represent com-

partments starboard from center, the larger the number the farther outboard away from the center. The even digits, (2, 4, 6), represent compartments port from the center, also the larger the number the farther outboard away from the center. The letter (Q) accompanying the number is the compartment usage abbreviation, they are as follows:

- A - Dry stowage-storerooms, issue rooms, refrigerated compartments.
- AA - Cargo-cargo holds, cargo refrigerated compartments.
- C - Ship and fire control operations-CIC, plotting rooms, communication centers, radio, radar, sonar operating spaces, pilothouse.
- E - Engineering spaces-main propulsion spaces, boiler rooms, evaporator rooms, steering gear rooms, auxiliary machinery spaces, pumprooms, generator rooms, switchboard rooms, windlass rooms.
- F - Oil stowage, ship's use tanks, cofferdams, trunk and pumprooms.
- GG - Gasoline stowage, cargo-all gasoline in cargo.
- K - Chemicals and dangerous materials, other than oil and gasoline stowage, either for ship's use or as cargo.
- L - Living spaces-berthing and messing spaces, staterooms, washrooms, heads, brigs, sickbays, hospital spaces and passageways.
- M - Ammunition-magazines, handling rooms, turrets, gun mounts, shell rooms, ready service rooms, clipping rooms.
- Q - Spaces not otherwise designated-shops, offices, laundry, alley, pantries, unmanned engineering, or electrical spaces.
- T - Vertical access trunks-escape trunks or tubes.
- V - Voids-cofferdam compartments, (other than gasoline), void wing compartments, wiring trunks.
- W - Water-drainage tanks, fresh water tanks.

The second line, (ESO) contains the abbreviation of the division responsible for maintaining the area, for example ESO, Educational Services. The third line, (241-244), indicates the forward and aft frames that are maintained by the responsible division.

RANGER AIRCRAFT

RANGER'S PRESENT COMPLEMENT OF AIRCRAFT INCLUDES THE FOLLOWING: F-14 TOMCAT, A-7 CORSAIR II, A-6 INTRUDER, S-3 VIKING, EA6-B PROWLER, SH3-H ASW HELICOPTER, AND THE E-2 HAWKEYE.



The A-7 Corsair II, a single seat, single engine carrier. It can fly strike missions up to 700 miles inland from an offshore carrier.



The EA6-B Prowler, a four seat, twin jet aircraft, is used for tactical support missions.



The CH-46 medium helicopter, used by the Marines as a combat troop transport, is shown here unloading ammunition on RANGER's flight deck.



The F-14 Tomcat, a twin engine carrier fighter. Its top speed is above mach 2, and its combat ceiling is 50,000 feet.



The A-6 Intruder, a two seat carrier attack plane, can carry a payload of up to nine tons, & can see targets in any weather conditions.



A COD, or Carrier Onboard Delivery plane touches down regularly on RANGER, when underway, to drop off mail medical & emergency supplies when needed.

CV-61...TOP GUN OF THE PACIFIC FLEET



The S-3 Viking, one of the Navy's newest carrier-based ASW planes. It is a four-seat twin engine jet.



The SH3-H ASW helicopter can carry 800 pounds of ASW weapons. It also has a range of 625 miles.



The E-2 Hawkeye is equipped with an Airborne Tactical Data System, that can provide detection and analysis of airborne threats at extreme range.

ONBOARD PHONE NUMBERS USS RANGER

<u>DEPARTMENT</u>	<u>EXTENSION</u>
<u>AIMD</u> *****	112
<u>ADMIN</u> *****	584
<u>COMMANDING OFFICER'S OFFICE</u> *****	016
<u>DAMAGE CONTROL</u> *****	888
<u>DECK</u> *****	918
<u>DENTAL</u> *****	997
<u>DISBURSING</u> *****	064/604
<u>ENGINEERING</u> *****	911
<u>EDUCATIONAL SERVICE OFFICE</u> *****	860
<u>EXECUTIVE OFFICER</u> *****	013
<u>LEGAL OFFICE</u> *****	410
<u>HUMAN RELATIONS</u> *****	420
<u>MASTER-AT-ARMS</u> *****	805
<u>MARINE DETACHMENT</u> *****	261
<u>MEDICAL</u> *****	999
<u>NAVY CAREER COUNSELORS</u> *****	606
<u>PERSONNEL</u> *****	607/608
<u>POST OFFICE</u> *****	919
<u>QUARTER DECK</u> *****	201/202
<u>SAFETY OFFICE</u> *****	419
<u>SUPPLY</u> *****	601
<u>TRAINING OFFICE/I-DIVISION</u> *****	176



NAVCIT
2-79-0L

The Command Career Counselors assist the Commanding Officer in organizing and executing a vigorous and effective retention program. They ensure Rangemen are kept well informed on matters relating to a career in the Navy. NAVCIT services include conducting home counseling, maintaining liaison with wives groups, making autovon phone calls, training Division Career Counselors and monitoring retention team effort.

Onboard RANGER the Division Career Counselors are trained in the many opportunities available to personnel. He can assist in making solid career decisions and in informing of opportunities.



DISBURSING OFFICE
02-142-1Q

Pictured above is the Disbursing Office service counter. The functions of the Disbursing Office are as follows:

1. Update, compute and maintain crew's pay accounts
2. Conduct paydays and cash pay checks
3. Process and pay travel pay for members and their dependents
4. Establish allotments for crew members
5. Compute and pay Enlistment and Selective Reenlistment Bonuses
6. Process Discharges and Separations, when in CONUS



SHIP'S MASTER-AT-ARMS OFFICE
(SMAA) X-4
2-215-2Q

The ship's Master-At-Arms force is comprised of four rated Master-At-Arms (three MA1 and an MACM) and fifty-five personnel TAD from various departments and squadrons throughout the ship.

The mission of the Master-At-Arms force is to maintain good order and discipline onboard RANGER and to enforce the rules and regulations set forth by the President of The United States, Department of the Navy, Commanding Officer and Executive Officer, providing continuous services to the command and crew twenty-four hours a day, three hundred sixty five days a year. The force provides patrols throughout the ship to ensure security of berthing spaces, the maintaining of good order and the enforcing of grooming standards. Other services include: ID photos, lock cutting, registering items of value and fingerprinting for security clearances.

The Master-At-Arms can be reached at extension 805 if personnel have any problems or questions.



SAFETY DEPARTMENT
03-247-1Q

The Safety Department is one of the smallest departments on Ranger, with one of the biggest jobs. Seven personnel are responsible for seeing to it that every inch of the ship is made safe as possible. In performing their duties they make rounds of the ship continuously, seven days a week.

In addition, Safety puts out information in the form of quarterly bulletins, pamphlets and brochures. Safety is also responsible for the investigating all accidents.



DENTAL

2-120-0L

The USS Ranger is fortunate to have an excellent Dental Department consisting of five fully equipped operating rooms, a prosthetic laboratory and a staff of four dental officers and twelve dental technicians.

In port sick call hours are from 0730-0830 Monday through Friday and 0730-0830 Saturday and Sunday for emergency only. At sea sick call hours are 0730-0830 Monday through Saturday and 0830-0930 Sunday.

If personnel desire a Dental appointment, it is necessary to visit the Dental Department in person and receive an exam prior to receiving an appointment.



MEDICAL

The RANGER's Medical Department is made up of a fine staff of professional personnel. The staff consists of the following: Senior Medical Officer, several Doctors and thirty-six Hospital Corpsman.

The department is responsible for the treatment of the sick and injured; for the prevention and control of disease; for promoting good health and advising on matters such as hygiene, sanitation and safety. They are also responsible for maintaining medical supplies, equipment, health records and medical reports.

The Medical Department offers a wide array of excellent facilities. They include: Physical Therapy, X-Ray and Treatment Rooms, Hospital and Sick Call Wards, Pharmacy, Laboratory and Blood Bank.

Hours of sick call are as follows:

AT-SEA Monday thru Sunday

0730-0900

1400-1530

Inport Monday thru Friday

0730-0900

EMERGENCY ANYTIME



Steam line enlisted dining facility, located aft on the second deck.

FOOD SERVICE

The Food Service Department onboard is designed to provide nutritional savoring meals for personnel at their convenience.

Two lines provide a variety of courses at various hours of the day. The Steam Line (located aft on the 2nd deck) offers the conventional breakfast, lunch and dinner while the Fast Food Line (located forward on the 2nd deck) features a quick lunch type service for the hamburger-french fry crowd.

The hours of operation for in-port and at-sea are as follows:

AFT MESS DECKS HOURS OF OPERATION

AT SEA	BREAKFAST	0300-0715	INPORT	BREAKFAST	0545-0710
	LUNCH	1030-1400		LUNCH	1030-1300
	DINNER	1630-1900		DINNER	1630-1800
	MIDRATS	2300-0130		MIDRATS	2300-2400

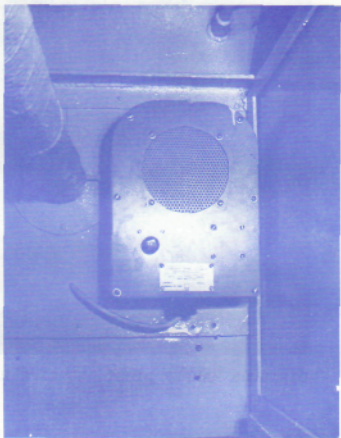
FORWARD MESS DECKS HOURS OF OPERATION (AT SEA ONLY)

BREAKFAST	0700-0900
LUNCH	1300-1600
DINNER	1900-2200



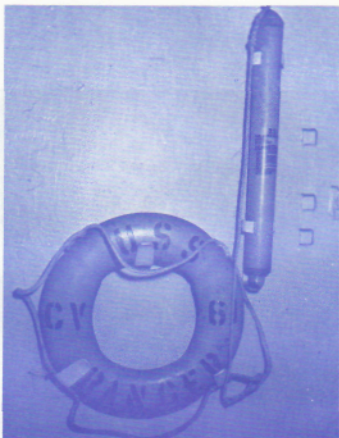
"J" TYPE TELEPHONE

The "J" Type Telephone is a bulkhead mounted telephone wired to the ship's three digit telephone system. A small button is installed on the side of the receiver to hold the receiver in place when the phone is not in use. Simply depress this button, listen for the dial tone and dial the number desired.



1-MC SPEAKER BOX
3-98-0Q

1 MC Speaker box is installed as part of the ships general announcing system. All daily evolutions, calling the crew's attention, time and emergencies are announced over this system. Pulling on the wires, spray painting the speaker or poking in the grill work can render this prime system inoperative.



DISTRESS MARKER LIGHT AND LIFE RING
SPONSON #8

The distress marker light and life rings are installed on all weather decks and sponson's. The lights are constructed so that when they are right side up (light fixtures up) the light comes on automatically. When thrown over the side, for a man overboard, the light will float with the fixture up giving the man overboard a flotation device (life ring) and a visible marker (light) to assist in locating him during darkness.



CO2 LIFE JACKET LOCKER
(HANGAR BAY)

There are 27 Life Jacket lockers located on the bulkhead around the hangar bay, each containing 200 CO2 INFLATABLE LIFE JACKETS, enough for the entire crew, should it ever become necessary to abandon ship. Preventive Maintenance is done every quarter on each and every life jacket by Deck Department personnel.



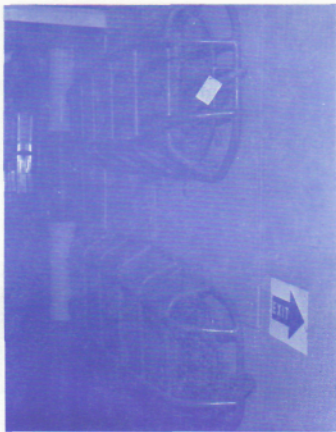
FIRST AID BOX
02-00H-0Q

Pictured above is a mounted, waterproof constructed box, measuring 18" x 20". It is conspicuously identified, marked with a red cross and legend "Emergency Use Only". The contents of the box do not include any narcotics, aspirins or bandaids. All first aid boxes onboard RANGER display an arabic number used by the Medical Department to locate any box.



BATTLE LANTERN
02-00H-0Q

Battle lanterns are installed throughout the ship to provide emergency lighting when electrical power is lost. Important items to be maintained in the lantern are the batteries, switch assemblies and the sealed beam itself.



STOKES STRETCHER

The Stokes Stretcher pictured above is constructed of wire mesh and pipe. It is equipped with one handle at each end that are spliced to the frame and three webb patient securing straps. The stretcher may be padded to provide comfort for the patient.



NEIL ROBINSON STRETCHER
2-198-6

The Neil Robinson Stretcher is specifically designed for vertical removal of patients from below deck spaces. It is constructed of wood and canvas and is normally mounted off the deck in the vicinity of hatches leading down into engineering spaces. This stretcher is adjustable to patient's height and is equipped with handling lines at each end spliced at the "o" ring.



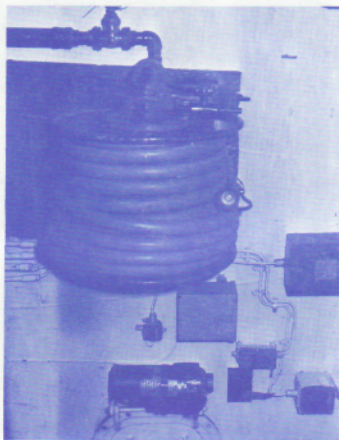
OBA LOCKER
2-62-2L

OBA Lockers are dispersed throughout the ship to adequately provide firefighting safety equipment for a response in any location. Their contents include: 2-4 OBA's, asbestos gloves, cannisters and tending lines.



FIRE STATION AND HOSES
WITH APPLICATORS
02-00H-OQ

Numerous fire stations are located on all decks throughout the ship. 1 1/2" stations are for internal areas, and 2 1/2" stations are for external areas. Each station is equipped with 4-50' lengths of fire hose, two nozzles, 2-4' applicators for 1 1/2" stations, 12' for 2 1/2" stations, and 2 spanner wrenches for loosening fittings.



AFFF (AQUEOUS FILM FORMING FOAM) HOSE REEL STATION #3
(HANGAR BAY)

AFFF Hose Reel Stations are located throughout the Hangar Bay to provide firefighting capabilities for Air Department hose teams. They are equipped with 125' of hose and a variable-nozzle. Each hose station is supplied by a different high-capacity light water station. Control boxes are located on the bulkhead next to each station.



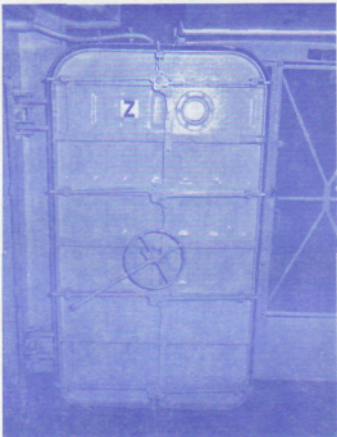
AQUEOS FILM FORMING FOAM
(AFFF)
600 GALLON STATION
2-139-3

High capacity AFFF stations are installed to provide AFFF to the Flight Deck and Hangar Bay Sprinkling systems and Hose Reel System. 17 stations are installed on Ranger each with a 600 gallon tank. Each station has its own 2 speed electrical pump and an injection pump. Each function of the system is separate and can be energized from a remote controller.



PKP BOTTLE

Pictured above is a portable PKP Bottle. These bottles are located in various spaces aboard ship such as the main machinery spaces, the galley areas and the electrical areas. The two common sizes are 18 and 27 pounds. The extinguishers are designed as a temporary agent for class bravo fires. The PKP may also be used on electrical fires if CO₂ is not readily available. The contents of this extinguisher should be dispersed in 18, one second burst and be allowed to settle on the burning material.



QUICK-ACTING DOOR
2-137-4

Quick acting watertight doors are integral part of the ships watertight integrity system. They are designed for rapid operations by the fact that all dogging mechanisms are controlled by one handwheel or arm. They are normally located in high-traffic areas. To be maintained as an effective watertight boundary, proper maintenance should be held and carefully handled.



HATCH WITH ESCAPE SCUTTLE
3-38-2

Watertight hatches are installed to allow passage between decks. When the scuttle is installed it allows the hatch to remain closed and the scuttle to be used for passage which increases our ability to maintain the proper material condition. The hatch is an individually dogged hatch, and the scuttle is quick acting for rapid closure.



#1 AUXILIARY MACHINERY ROOM
1 AMR
(EXTERIOR)
2-102-3

#1 AMR's access door leads down to the seventh deck where three evaporators and two generators are located. There is another AMR (#2) located at 2-132-0E just like this. The access door informs visitors of the auxiliary machinery space being a restricted area and hazardous area. Hearing protection is required by all those who enter the space.



#1 MAIN MACHINERY ROOM
1 MMR
(EXTERIOR)
2-108-1

#IMMR'S access door is one of the two main entrances to the space located on the seventh deck. The access door informs visitors of the machinery room being a restricted area which is also a noise hazardous area. Hearing protection is required upon entering the spaces. There are four propulsion spaces with entrances such as this on the port and starboard side.



REPAIR LOCKER #4
2-149-2Q

Ten Damage Control Repair Lockers are located throughout RANGER. There are 3 on 03 level, 3 on the main deck, and 4 on the 2nd deck, and one in the island. These lockers are identified by the firefighters Cross on the hatch, and color coded yellow and black.



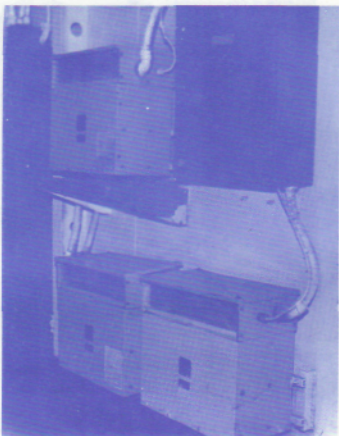
REPAIR LOCKER #4

Inside Damage Control Repair Lockers are many items to fight fires, combat flooding and conduct emergency communications. Diagrams showing all vital systems in the ship are posted and used to maintain a plot of damage as it occurs and is repaired. Various kits are located here to do repairs such as, electrical, shoring, plugging, pipe patching.



RISER TERMINAL
2-87-2

The Riser Terminal is used to supply electrical power to vital equipment during emergencies only. These are used when structural means of supplying power is unavailable to fight the ship.



LINE VOLTAGE REGULATORS
400 CYCLE
1-39-0L

Line voltage Regulators are installed throughout the ship in various compartments and passageways to supply 400 cycle power which is very finely regulated to designed equipment including Radar, Aircraft, 400 cycle systems and other electrical equipment. These units are vital to Air Ops and the operations and Navigation of RANGER.



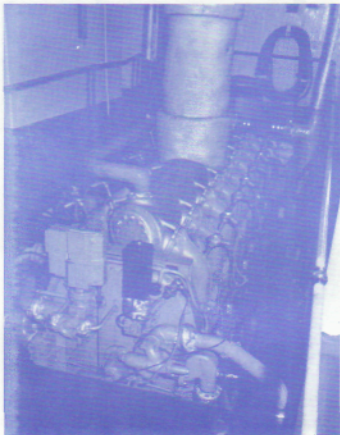
#1 EMERGENCY DIESEL SWITCHBOARD
2-29-2Q

The #1 Emergency Diesel Switchboard is located forward of the Mess Decks on the port side. It is used for vital Emergency Systems in the event of loss of the ship services 60 cycle power. This associated diesel generator supplies various equipment such as limited lighting, communications, engineering, aviation launch and recovery systems and navigation. This is one of three Emergency Diesel Switchboards installed aboard RANGER.



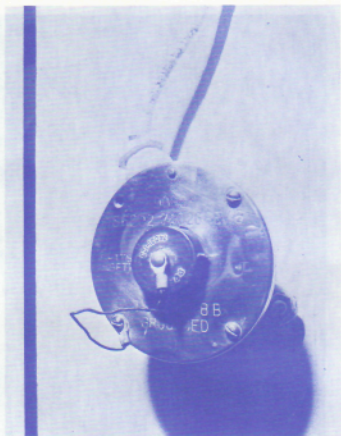
CABLE RACK
CASUALTY POWER SUPPLY SYSTEM
2-89-2

The casualty power rack is a storage space for electrical cable to be used in extreme emergency to supply power to vital equipment. It will be used when structural damage to the ship eliminates all other possible means of supplying power to those systems needed to fight the ship.



EMERGENCY GENERATOR ROOM #1

The Emergency Generator Room #1 is located forward of the forward mess decks, port side. It is a Diesel Engine powering an emergency generator for 60 cycle power maintained by A and E Division. There are 3 emergency diesel generating rooms on the ship.



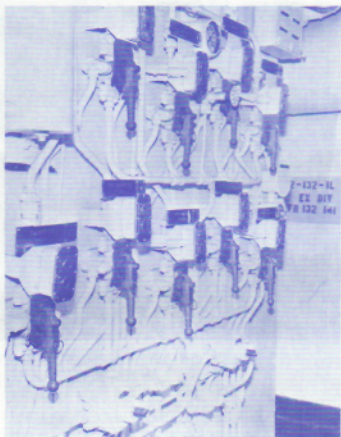
SALT & WATER PLUG
02-00H-0Q

Salt & Water Plugs are installed throughout the ship and are used for 120 VAC power 60 cycle. The plugs prevent water entry into receptacles. The plugs are utilized wherever spray or moisture proves to be a hazard to safe use of portable electrical gear such as on weather deck areas.



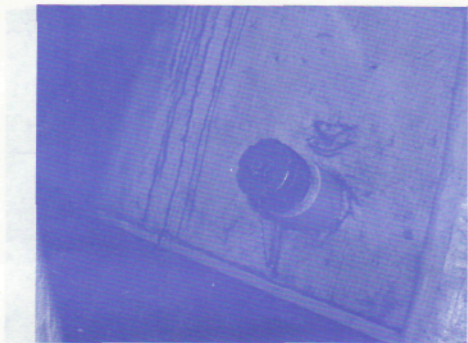
REMOTE CUT-OUT FOR PLUMBING WASTE
2-226-3L

Chemical Holding Tank bulkhead stop valve remote operators are located throughout the ship on the second deck or Damage Control deck. They are used to control bulkhead stop valves which are located on the third and fourth deck. Bulkhead stops are used to isolate the soil and waste drains on the chemical holding and transfer system on board RANGER.



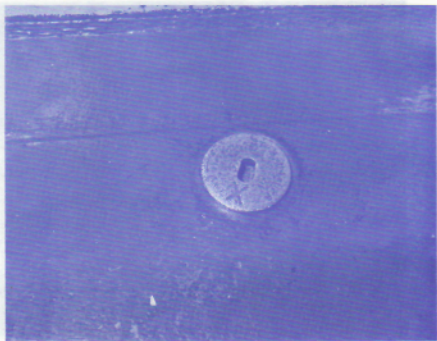
VOID TANKS FLOODING CONTROL STATION
2-139-3

Hydraulically controlled flooding panels are located throughout the 2nd deck. They are used to control ballast valves in Damage Control voids to enable them to be flooded with sea water to correct list and trim problems.



OVERBOARD DISCHARGE CAPS
2-19-0L

Overboard discharges are located in each vertical subdivision on the 2nd deck to enable 2½" discharge hoses from portable electric submersible pump to be attached. This device enables the pump to run more effectively due to a lower discharge head. Overboard discharge caps, are required to be PMS checked regularly and must be closed tight when not in use.



SOUNDING CAPS
2-114-5L

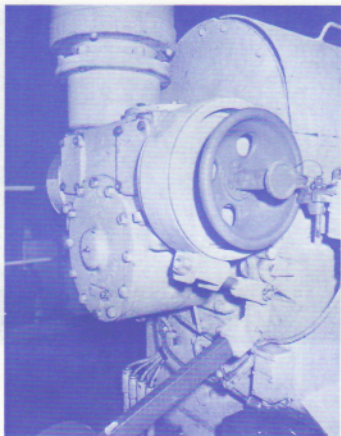
Sounding caps are provided for each fuel tank and void on RANGER to enable watch standers to insert a sounding tape to obtain the correct level of liquid in the tank. The tank numbers are stamped on the cap, and they are classified as condition X-RAY fittings.



MOTOR WHALE BOAT
(MWB) 26FT
WELIN DAVITS
01-197-P

There are two motor-whale boats aboard RANGER. They are used primarily as life boats in case a man falls overboard and a helicopter is not readily available to recover him.

The Welin gravity davits will lower the boat without power, by the operation of a brake-release lever. Power must be used to hoist the boat aboard.



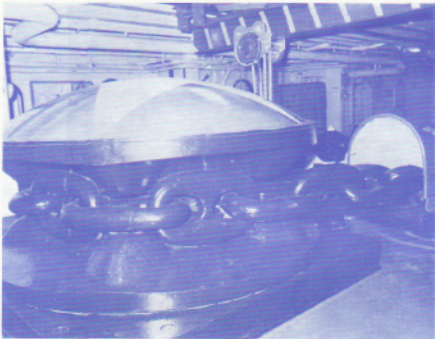
BOAT WINCH
4,441 LBS FALL
01-197-P

The boat winch, one of two, is utilized for the 26 ft whale boat raising and lowering. It is vital for man overboard, rescue and assistance and will be used only with approval of the 1st Lieutenant and OOD.



ANCHOR CHAIN (PORT)
02-00H-0Q

Each anchor is attached to the ship by ten, fifteen fathom lengths of chain called shots. The bitter end of the chain is not what keeps the ship attached to the anchor, however; when the anchor is set, the chain is held by large chain stoppers, like the one to the left in the picture. The bight of chain behind that is slack. The end of each shot is color coded for identification; the last two shots are completely yellow or red.



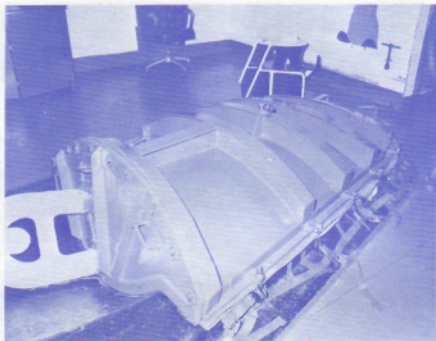
WILDCAT (PORT)
02-00H-0Q

There is an anchor windlass on the forecastle for each of the two chains. The wildcat is that portion of the windlass which directly engages the chain. Motors for turning the windlass are located on decks below and connected to the windlass by a drive shaft. The wildcat can be disconnected from the motor to free-fall the anchor; the motor is then engaged to hoist the anchor back aboard.



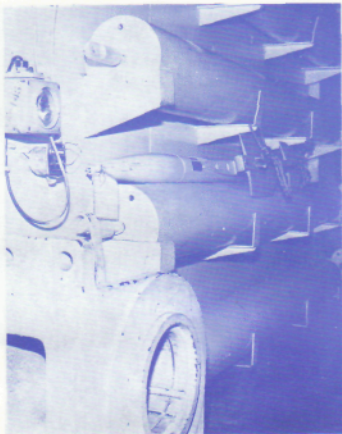
CHAIN STOPPERS (PORT)
02-00H-00

Chain stoppers are used to hold the anchor and chain when the windlass motor is disengaged and the brakes are off just before the anchor is dropped. It rides on one stopper only; when the stopper is knocked open, the chain runs free until the anchor hits bottom. The chain is then stopped with the hydraulic brake. Stoppers are normally passed when the anchor is secured for sea as a back-up to the brake and windlass to prevent the chain from running out. Stoppers are also used in towing when the ship is towed by an anchor chain shackled to a towing hawser.



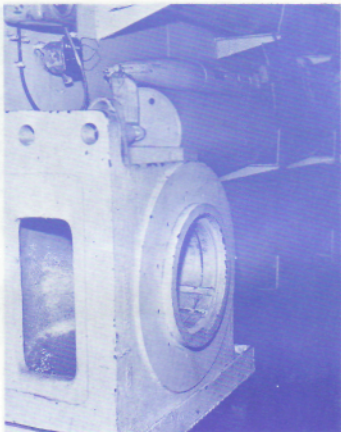
HAWSE PIPE COVER (PORT)
02-00H-OQ

Located in the foc'sle, the hawse-pipe is a hole in the side of the bow through which the anchor chain is attached to the anchor. In order to keep the sea from flooding the forecastle during heavy weather, hawse-pipe covers are fitted over the hawse on the forecastle end of the pipe. They are made to fit around the anchor chain and still maintain water tight integrity.



ARRESTING GEAR RETRACTABLE SHEAVE
TRUNION BRACKET
03-172-5L
FR 172-177

The equipment in the foreground is called a Trunion Bracket. It is used for anchoring and housing the arresting gear retractable sheave assembly.



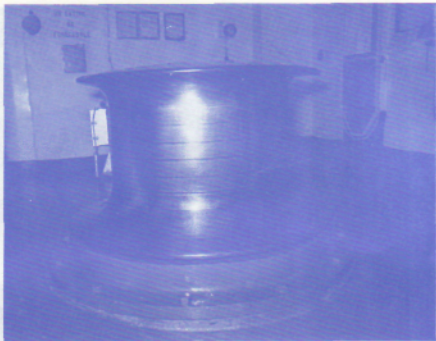
BARRICADE COUNTER BALANCE SPRING
ASSEMBLIES
03-172-51
03-172-177

Pictured horizontally on the bulkhead are the Counter Balance Springs. They are used in the arresting gear to prevent barricade stanchions from slamming to the down position.



WILDCAT AND CAPSTAN CONTROL
02-00H-00

The wheel on the left controls the direction and speed at which the anchor chain is heaved in or slacked when it is engaged to the windlass motor. On the right are the controls for the hydraulic and mechanical brakes that hold the anchor when it is disengaged from the windlass motor. The wheel is for the mechanical brake; the lever arm underneath it for the hydraulic brake. One-half turn of the level-arm will stop 30 tons of free falling chain and anchor dead in its tracks. The control box in the center turns the capstan in either direction; there are only two speeds.



CAPSTAN
02-00H-0Q

Capstans are located on the forecastle, fantail and around the hangar bay. They are used to take a strain on the mooring lines when the ship is being moored to the pier. Four or five turns are taken with the line around the capstan, and the capstan rotated around the line where it leaves the ship, to prevent the strain from being lost, the line is taken off the capstan and made up on bitts.



FORWARD ISLAND STRUCTURE

Pictured above is the Forward Island Structure of the USS RANGER (CV-61). Located atop the Island Structure is the Signal Bridge. This is the home of CS Division whose signalman provides communications between RANGER and other vessels by means of flashing lights, semaphores and the hoisting of flags and pennants. The upper glass-enclosed area beneath the Signal Bridge is the Navigation Bridge. It is here that the primary control functions of the ship take place when underway. Immediately beneath the Navigation Bridge is the Flag Bridge, also glass-enclosed. It is here that Flag Officers when embarked and make their observations to monitor the ship's movements. The area below the Flag Bridge contains ladders and passageways, various work spaces and tunnels for the smokestacks and various antennae.



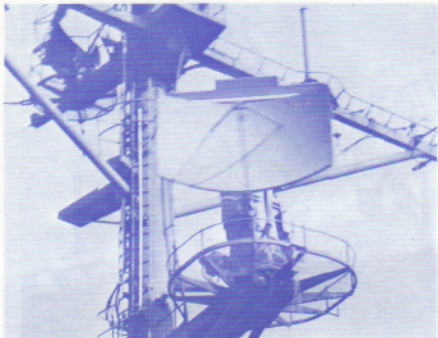
PRI-FLY TOWER

The Pri-Fly Tower is the glass enclosed area aft of the island, located on the 07 level. This is the Control Tower of the Flight Deck and from here the Air Boss and Assistant Air Boss coordinate the movement of aircraft in a safe and orderly fashion. The Air Boss and his Assistant also initiate the FOD (Foreign Object Damage) Walkdown when called away. All personnel are encouraged to proceed to the Flight Deck to police for debris, etc, (FOD).



AN/SPS-37A TWO DIMENSIONAL
LONG RANGE AIR
SEARCH RADAR ANTENNA

The large antenna pictured above, nickname the "BEDSPRING" is the AN/SPS-37A Two Dimensional Long Range Air Search Radar Antenna, at ranges up 240 nautical miles the SPS-37A provides air target range and bearing information to CIC.



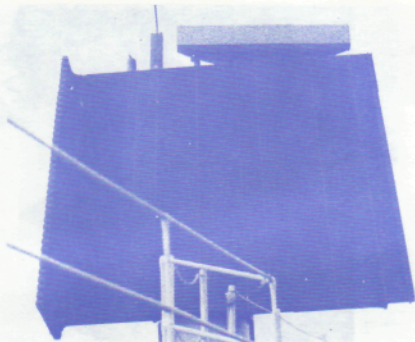
AN/SPN-43A MARSHALL
RADAR ANTENNA

The AN/SPN-43A provides aircraft range and bearing information to RANGER's Carrier Air Traffic Control Center (CATCC). CATCC personnel utilize this information to direct or "MARSHALL" aircraft to centerline approach for landing. Maximum range of the SPN-43A is approximately 50 nautical miles. The AN/SPN-43A antenna is tiltable which renders it suitable for use as a surface search radar.



AN/SPN-42A AIRCRAFT LANDING
SYSTEMS ANTENNAE
(CLS)

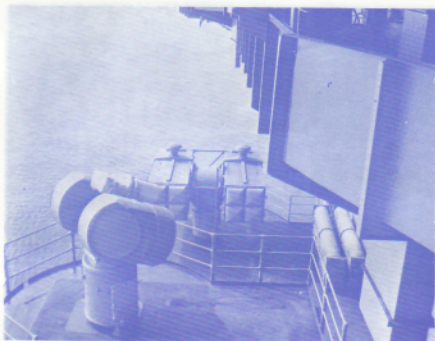
The unit pictured above is one of two AN/SPN-42A Aircraft Landing System (CLS) Antennae. The SPN-42A CLS is capable of automatically landing a properly equipped aircraft during zero visibility weather conditions.



AN/SPS-48C THREE DIMENSIONAL
LONG RANGE
AIR SEARCH RADAR ANTENNA

The large antenna pictured above is the AN/SPS-48C Three Dimensional Long Range Air Search Radar Antenna. At ranges up to 220 nautical miles the SPS-48C provides RANGER'S Combat Information Center (CIC).

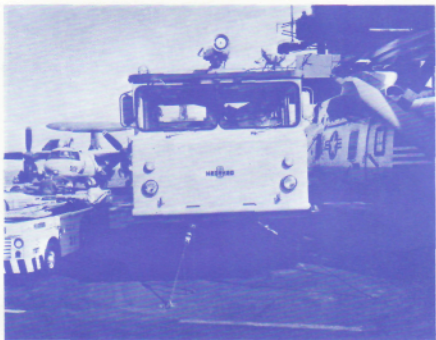
The small rectangle unit mounted atop the AN/SPS-48C antenna is one of RANGER'S Identified Friend or Foe (IFF) antenna. The IFF system transmit a coded interrogations to aircraft within range of the ship. Properly equipped (Friendly) aircraft transmit coded responses which are received and displayed on the radar consoles. If an aircraft does not respond correctly, it is considered a possible Foe. RANGER employs four such systems.



SEA SPARROW MISSILE LAUNCHER

This picture contains two elements for one of RANGER's Nato Sea Sparrow Surface Missile Systems.

The Director/Illuminator is a computer controlled Doppler radar which automatically acquires, tracks, and provides missile guidance information on incoming hostile targets. Atop Director/Illuminator is a co-located low light level television camera, extremely useful in night time for Man Overboard Drills. The computer controlled, eight-cell launcher contains a slightly modified version of the supersonic air-launched Sparrow Missile. Two identical missile batteries provide RANGER with short range anti-ship missile defense and anti-aircraft capability.



MB-5 CRASH FIRETRUCK

A firefighting vehicle available for severe situations, such as fire or emergency on the Flight Deck.



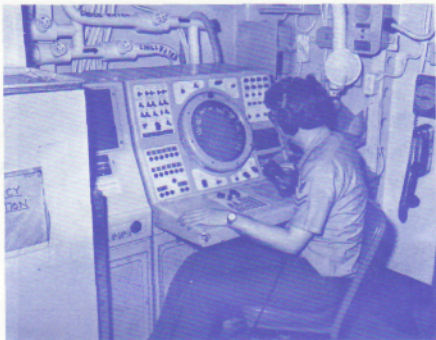
(TAU), TACTICAL AUXILIARY UNIT

A fire Fighting vehicle that is extremely mobile. The TAU will be in position of readiness when aircraft are fueling and defueling or any situation deemed necessary.



AN/SPA-4D RADAR REPEATER

The AN/SPA-4D Radar Repeater is capable of displaying the video being produced by any of RANGER's radar. Radar selection is accomplished the means of the radar selector switch on the front panel of the repeater. RANGER employs three SPA-4D Repeaters; one in CIC, in Captain's plot and on the Navigation bridge.



DATA UTILIZATION DISPLAY
CONSOLE OA-3955/SYA-4V

The Data Utilization Display Console OA-3955/SYA-4V is used with Data Display Group AN/SYA-4V to display conventional radar data on a Plan Position Indicator (PPI), and to display symbols denoting tactical information pertinent to the area under surveillance.

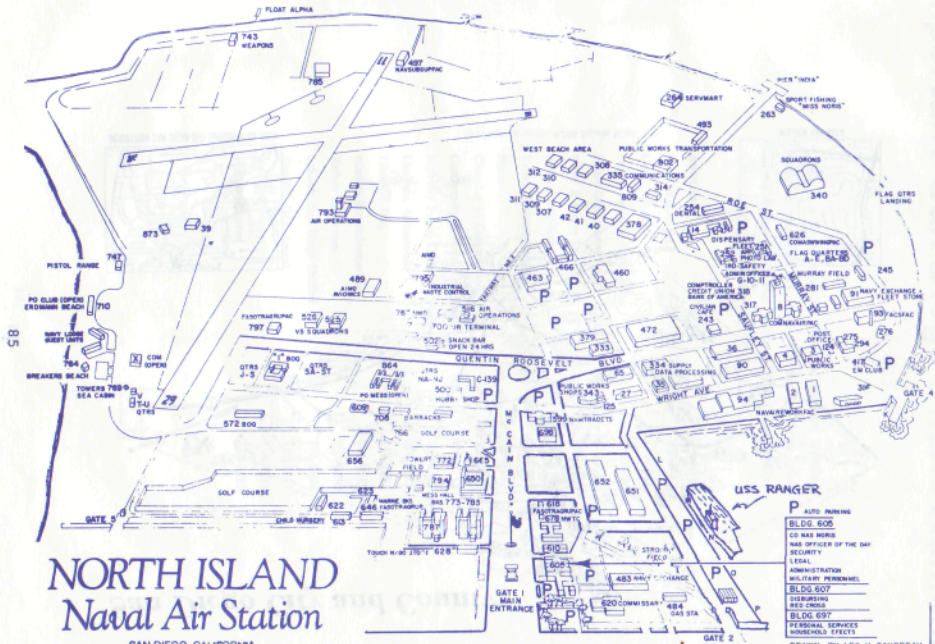


BOATSWAINS MATE OF THE WATCH
(BMOW)
NAVIGATION BRIDGE

The Boatswains Mate Of The Watch is the principle enlisted assistant to the Officer Of The Deck. Shown here "passing the word" on the LMC the ship's public address system.

The Boatswain's call or pipe on a lanyard around his neck is the emblem of the Boatswain Mate rating and an instrument to call the crew's attention to the word being passed. The hours of the watch are struck on the ship's bell, upper left in the picture.

"WELCOME ABOARD"



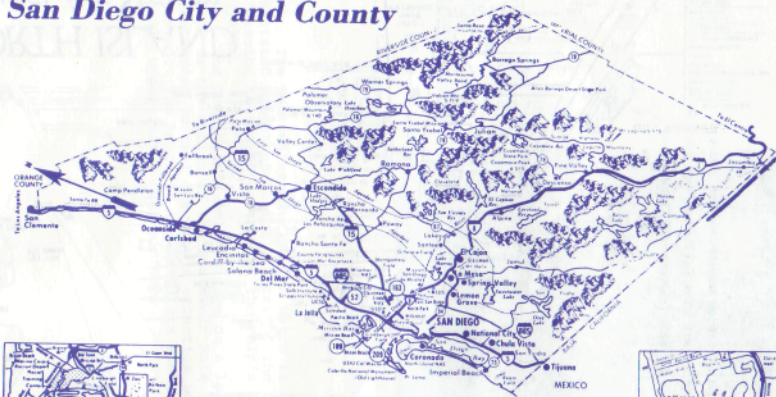
NORTH ISLAND Naval Air Station

SAN DIEGO, CALIFORNIA

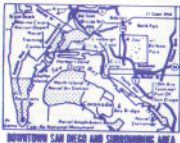
IND-NASNI-10713/1 (REV 7-75)

DRAWN BY LEO H. GAUREAU
P.W. ENGINEERING (PLANNING)

San Diego City and County



98



DOWNTOWN SAN DIEGO AND SURROUNDING AREA

Pacific Ocean

Large Map is Not To Scale

San Diego County 4,255 Square Miles



MISSION BAY AREA

Important San Diego Phone Numbers

Here is a list of important telephone numbers, including emergency numbers and others. Call the San Diego Information Center for further assistance. The Center number is: 236-5555.

Ambulance	236-6566
Fire Department	238-1212
Gas & Electric	234-6234
Poison (Information) Center	291-4900
Police Department	236-5911
Water & Sewer Division	236-5600
Animal Regulation	297-3708
Better Business Bureau	283-3927
Buses	239-8161
Chamber of Commerce	232-0124
Community & Recreation Centers	236-5740
Highway Patrol California State	283-6331
Licenses, Automobile	297-3511
Licenses, Dog	236-3171
Mission Bay Information	236-6652
Refuse Collection	236-5660
Schools, San Diego Unified	298-4681
Sheriff's Department	236-3111
Voting Information	565-5518
Weather Bureau	289-1212

IMPORTANT TELEPHONE NUMBERS IN SAN DIEGO AREA (CONT'D)

SUPPLY CENTER 235-3288

HOUSEHOLD GOODS:

(1) CLAIMS 235-3211
(2) MOVING IN 235-3281
(3) MOVING OUT 235-3285

VETERANS ADMINISTRATION:

(1) HOME LOANS 293-6476
(2) CAL-VET 237-7682
(3) CIVIL SERVICE 293-6165

SMALL BUSINESS ADMINISTRATION 293-5448

STATE UNEMPLOYMENT OFFICE 237-7711

FOOD STAMPS 292-9371

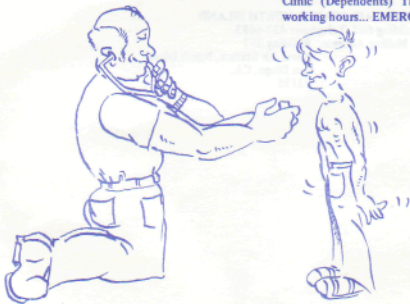
Military Medical Care in the San Diego area

Balboa Navy Hospital - Central appointment desk. Tel. 234-7151...Emergency Room (Bldg 26) 2nd Basement, Florida St. entrance...Pediatric Acute Care Clinic. Tel. 233-2913/14 Mon thru Fri 0830-1530. If child becomes ill and you need advice, 233-2731 between 0800-2200 Mon-Fri. 1000-2200 Sat., Sun. and holidays...Primary Care Clinic, (by appointment only) call 233-2473 between 0730-1600...CHAMPUS Office (Bldg 22-1, Tel: 233-2301/02...Amphibious Base and Miramar NAS, see outpatient dependents...Prenatal Registration (Bldg 22-1) Tel: 233-2607/8-10, 1230-2130... Special Service Desk open for (1) Medication refills (2) Blood pressure check (3) Pregnancy test (4) Follow-up lab work and x-ray (5) Pre-marital lab work without appointment 0800-1100 - (1300-1600).

Naval Amphibious Base, Coronado. Main Dispensary (Bldg 506) and Family Clinic (Bldg 154). The NAB Regional Dispensary provides general outpatient health care for active duty, retired and dependent personnel. The various services provided include General Adult Clinic Immunizations; Allergy Shots; Well Baby Clinic; Pediatric Clinic; OB-GYN Clinic; Orthopedics Clinic; Overseas Physicals (Dependents with official orders); and prescription refills. Most specialty clinics will require appointment (437-2981). For further information call 437-2375/2376.

Naval Air Station, Miramar (Bldg 495) Provides general outpatient health care for retired and dependent personnel. Administration... 271-3101. Appointment desk... 271-3103. Emergencies... 271-3107. Health Benefits Counselors & CHAMPUS Info... 271-3103. Clinics: Dependent Outpatient Clinic - Monday thru Friday 0730 or 1230. Immunizations - Monday thru Friday 0800-1145 Monday and Wednesday afternoon - 1300-1545. Allergy Shots... Tuesday, Thursday and Friday 1300-1545. Well Baby Clinic (Appt. only)... Call 234-7151. OB Clinic (Appt only) Monday and Friday (after prenatal registration at the Hospital Complex (Bldg 22-1). For information call 235-7151.

GYN Clinic (Appt. only) Tel: 234-7151. Monday and Friday. Dermatology Clinic (Appt. only) Thursday 1300-1500. Wart Clinic (Dependents) Thursday 1300. Services after normal working hours... **EMERGENCIES ONLY.**



Personal Service Centers

Each PSC is literally a "one-step" source of information available to all military personnel and their dependents. Normal hours of operation are from 0730 to 1600 Monday thru Friday. The Personal Services Centers are equipped to provide:

WELCOME ABOARD KITS containing maps, brochures, and general information on naval activities and the San Diego Community. Items such as credit unions, commissaries, exchanges, medical and dental facilities have all been included to reduce much of the confusion in reporting aboard.

HOSPITALITY KITS containing blankets, towels, linens, utensils and everything necessary to set up housekeeping.

REFERENCE LIBRARY including current information on all naval activities and many other military installations home and abroad.

Listed below are the four Personal Services Centers located in the San Diego area:

NAVAL STATION, San Diego
Building 225, Telephone 235-1358/1359
Mailing Address: P. O. Box 105
Naval Station
San Diego, CA.
92136

NAVAL TRAINING CENTER, San Diego
Building 202, Telephone 225-3409
Mailing Address: Code 0031
Center Commander
Naval Training Center
San Diego, CA.
92133

NAVAL AIR STATION, MIRAMAR
Building 494, Telephone 271-3614
Mailing Address: Code 1124
Naval Air Station, Miramar
San Diego, CA.
92145

NAVAL AIR STATION, NORTH ISLAND
Building 607, Telephone 437-6693
Mailing Address: Building 697
Naval Air Station, North Island
San Diego, CA.
92135

Navy Exchange Facilities

NAVAL STATION SAN DIEGO (Bldg. 3187) Tel: 239-9761.
The Brooklyn Retail Store (across the street from the Commissary) Monday thru Wednesday 1000-1800, Thursday 1000-1900, Saturday 0900-1600. Closed Sunday and holidays.

Mini-Mart (Bldg. 102 - across the street from the Navy Exchange Service Building) Monday 1000-1800, Tuesday, Wednesday, Friday 0900-1800, Thursday 0900-1900, Saturday 0900-1600, Sunday 1200-1900.

Gas Station (28th St.) - Monday, Tuesday, Wednesday, Friday 1000-1800, Thursday 1200-2200, Saturday 1000-1800, Sunday 1200-1700.

Fleet Store (Bldg 91) located inside main gate of Naval Station. Open Monday thru Friday 0900-1700.

NAVAL AIR STATION NORTH ISLAND (Bldg 483) Tel: 435-2231. Retail Store Monday, Tuesday, Wednesday, Friday 0900-1700, Thursday 0900-1900, Saturday 0900-1600.

Touch N' Go Mini-Mart Tel: 435-3226 - Sunday thru Saturday 0700-2200. Beverage Shop Monday, Tuesday, Wednesday, Friday 1000-1800, Thursday 1000-2000, Saturday 0800-1600.

Service Station Tel: 437-7029 - Monday thru Friday 0730-1700, Saturday 0730-1500.

NAVAL AMPHIBIOUS BASE, CORONADO Tel: 437-2787.
Retail Store - Monday thru Friday 0900-1700, Saturday 0900-1230.

Country Store - Monday 0730-1800, Tuesday thru Thursday 0730-1730, Friday 0730-1800, Saturday 0800-1600, Sunday 1000-1600.

Service Station - Monday thru Friday 0730-1730, Saturday 0800-1300.

Outlying Field, Imperial Beach Tel: 423-3134. Retail Store Monday thru Friday 0930-1900, Saturday 0900-1700, Sunday 1100-1700.

Service Station - Monday thru Friday 0730-1900, Saturday 0900-1700, Sunday 1100-1700.

Service Station Accessory Store - Monday thru Friday 0900-1730, Saturday 0830-1600, Sunday 1100-1700.

NAVAL TRAINING CENTER Tel: 225-9651. Main Retail Store - Monday thru Friday 0900-1700, Saturday 0800-1600.
Mini-Mart - Sunday thru Saturday, 0700-2000.

Commissary / Convenience Store

COMMISSARY STORES

Naval Station, San Diego (Bldg 158) Tel: 235-1577. Monday 1200-1800, Tuesday, Wednesday and Friday 0900-1900, Thursday 0900-2000, Saturday 0800-1500. Closed Sunday and Holidays. For information regarding store hours at all commissaries in the area, call 235-1560.

Naval Air Station, Miramar (Bldg M-264) Tel: 274-2361. Tuesday and Wednesday 0900-1800, Thursday and Friday 0900-2000, Saturday 0800-1600. Closed Sunday and holidays.

Naval Training Center (Bldg 1) Tel: 225-4191. Survey being conducted indicates majority preference of following change in hours, which will be effected soon. New hours will be: Tuesday thru Friday 1000-1700, Saturday 0800-1500, closed Sunday, Monday and holidays.

CONVENIENCE STORES

Dairy products, bakery goods, snack and lunch items, beverages, etc., are available at the Bread and Milk stores.

Naval Station Mini-Mart (Bldg 102) Tel: 239-9761. Monday, Tuesday, Wednesday and Friday 1000-1800, Thursday 1000-1900, Saturday 0900-1600. Closed Sunday.

Marine Corps Recruit Depot Drive-Thru Exchange Pantry (Bldg 105) Tel: 225-3437. Monday thru Friday 1000-1800. Closed Saturday and Sunday.

Naval Training Center Mini-Mart is located at Nimitz and Rosecrans (Bldg 476) Tel: 225-9651. Open daily from 0700-2000.

Bayview Exchange is located at Bayview Hills Navy Housing, 1802 Munda Road. Tel: 479-0224. Monday thru Saturday 1000-1800, Sunday 1000-1400.

Cabrillo Exchange is located at Cabrillo Heights Navy Housing, 8400 block of Jordan St. Tel: 278-2760. Monday thru Saturday 1000-1800, Sunday 1000-1400.

Murphy Canyon Navy Exchange, Murphy Canyon Heights, Orlack and Santos Streets. Tel: 565-6124. Monday thru Saturday 1000-1800, Sunday 1000-1400.

Naval Regional Medical Center Mini-Mart (Hospital Complex) is adjacent to gas station. Tel: 233-2647. Monday thru Friday 0700-1730, Saturday 1000-1600, Sunday 1000-1400.

Navy Relief Society



This is your society. Its proud credo is: "The Navy Takes Care of its Own." "Aid to Navy and Marine Corps personnel and their dependents in time of need" is a phrase which aptly expresses the nature of help provided by the Navy Relief Society. Eligible: Active duty, widows, orphans and retired.

FINANCIAL AID - Available for situations which occur that are beyond the control of the serviceman and his dependents. This includes basic requirements such as food, clothing, rent or emergencies. Financial help for convenience or desires is not within policy (All loans are at no interest). Help rendered as loan, gratuity or combination according to circumstances.

LOCATION OF FACILITIES AND TELEPHONE NUMBERS: San Diego Auxiliary - Bldg 102 near Naval Station Commissary Store. Monday thru Friday (except holidays) 0830-1630. Assistance must be applied for in person or by his dependent when sponsor is not available. This applies for the Auxiliary and the branch offices. Tel: 238-1587, 1588 or 1589. Visiting Nurse - Tel: 232-9070.

BRANCH OFFICES OF THE AUXILIARY

Naval Air Station, North Island (Bldg 607) Tel: 435-8786 and 437-7649 for Naval Air Station, North Island and Imperial Beach personnel.

Naval Amphibious Base (Bldg 17) Tel: 437-2936 and 435-9047.

Marine Corps Recruit Depot (Bldg 340) Tel: 224-2955 and 224-2956.

Hours: Monday thru Friday 0930-1330 (except holidays)
Service personnel should use the Auxiliary or nearest office to their duty station rather than residence.

North Island Recreation



SPECIAL SERVICES

The Special Services program is organized to provide a varied program of wholesome, constructive, leisure time activities which will effectively contribute to the mental and physical well-being of Naval Personnel and their dependents. (437-7642).

ATHLETIC DIRECTORS OFFICE

This office is located in Building 281 (Physical Fitness Center Building). All reservations for use of courts in gymnasiums, as well as football and softball fields are made through this office. Hours of operation are Monday thru Friday, 0800-1630. Closed Saturday, Sunday and Holidays. (437-7634)

THEATER

The station theater is located in Building 650. It seats 1,643 people. Movies are shown nightly, seven days a week at 1900. Movie recording answering service is 437-7657.

GOLF COURSE

The station golf course is located across the street from the Chapel. The 18 hole course is 4,431 yards long. The front nine is par 27 and the back nine is a par 36; total par of 63. Also located in the golf course area is a driving range, putting green, clubhouse and golf shop. Free instruction is available to military personnel and their dependents. The course is open seven days a week. Reservations are taken for Saturday, Sunday and Holidays. 437-7577. Hours of operation are as follows:

Winter Hours

Monday thru Friday.....0800-1900
Saturday and Sunday.....0700-1900

Summer Hours

Monday thru Friday.....0800-2030
Saturday, Sunday, & Holidays.....0700-2030

There are also additional golf courses available at the Naval Recreation Center in Mission Gorge (two 18 hole courses), Naval Station San Diego (a 9 hole course), and the Naval Training Center (a 9 hole course).

CAMPING/FISHING GEAR ISSUE

The camping gear issue room is located in Building C-34. Items available for check out at a small rental fee include tents, sleeping bags with liners, coolers, water jugs, stoves, lanterns, hatchets, cots and fishing gear of all types. Hours of operation are Monday thru Friday, 1000-1700, closed on weekends and holidays. (437-7694)

GYMNASIUMS

The Gym is located in Building 91. It has one basketball court, one volleyball court and two badminton courts. Shower and locker rooms are available. Equipment may be checked out. Hours of operation, Monday thru Friday 1000-2100, Saturday and Sunday, 1115-1815. Holidays, check the POD or call 437-5393.

There is a physical fitness center located in Building 281. A gym machine, weights and dumbbells are available for exercise and physical fitness. There is also a pool room, boxing complex, mats for Judo, Aikido and Karate, lockers and showers, sauna baths and an athletic gear issue room. Hours of operation are Monday thru Friday, 1000-2100, Saturday and Sunday, 1115-1815. Holidays, check the POD or call 437-7634.

HANDBALL COURTS

There are four handball courts on the station. Building 286 is an enclosed indoor court located in the Murray Field area. Building 674 has two four walled courts and is located in the Stroop Field area. Gear is available at the Physical Fitness Center, Building 281. Reservations are required Monday thru Friday, 0900-1700. Hours of operation are Monday thru Sunday from 0800-2030. (437-7634)

BEACHES

There are two beaches and swimming areas across the street from the "O" Club (OPEN). Erdmann Beach picnic area and Breakers Beach picnic area are open to all military personnel and their dependents. The beach picnic areas are open year-round for parties and sunning. Life Guards are assigned from 30 May to Labor Day, and swimming is permitted only when green flag is flying. Reservation forms for the picnic areas at the beaches are available at the Recreation Office, Building 650 (437-7641). During closed season no swimming is permitted except upon approval of the Commanding Officer.

Hours of Operation

Parties and sunning

Monday thru Sunday Sunup-2200 (Year round)

Swimming

Monday thru Sunday 1000-1830

(during swimming season only)

(approximately Jun thru September)

STROOP FIELD PICNIC AREA

This picnic area is located north of the Nuclear Weapons Training Group Building. This area has softball fields, volleyball courts, horseshoe courts, cabanas, barbecue pit and eating areas. Reservation forms for use of this facility are available in the Recreation Duty P.O.'s Office, Building 650 (437-7641). Reservations for parties may be made Monday thru Friday only; weekends are first come first served. Reservations are not made for the family picnic areas at Stroop Field.

TENNIS COURTS

There are 12 courts on this station. Eight are located in the rear of the Messhall Building. The other four are located next to Barracks "G". Tennis gear is available for check out from the Physical Fitness Center, Building 281 (437-7634).

SQUASH COURTS

There are two squash courts in Building 87 located north of the CPO Quarters. Gear is available for check out from the Physical Fitness Center, Building 281. Hours are Monday thru Sunday from 0800-2030. (437-7634)

ENLISTED RECREATION CENTER

Located in Building 277, There are ten first-class pool tables available for play. Also television, shuffleboard, pinball machines, and other assorted table games. The hours of operation are Sunday thru Friday, 1000-1600. Also Building 614, Monday thru Friday, 1000-2100. Saturday, 1000-2400. (437-7588)

TICKET SALES OFFICE

Discount tickets to special sports and entertainment events are sold by the Recreation Sales Clerk in Building 650. This ticket office is open Monday thru Friday, 0800-1600. For further information call 437-7659.

SKEET AND TRAP RANGE

The NAS North Island Skeet and Trap Range, Building 753, is located in the Ordnance area, southwest of the Erdmann Beach Club. Recreation shooting is permitted on Wednesday and Saturday only, 0900-1500. Patrons must supply their own ammunition. A limited number of shotguns will be made available at no cost. Also automatic skeet and trap equipment is available. Dependent children must be accompanied by an eligible adult. (437-7634)

SOFTBALL FIELDS AND ATHLETIC GEAR ROOM

There are six softball fields on North Island. Four are located on Towers Field, and two on Stroop Field. All athletic gear (specifically footballs, tennis, ping pong, badminton, squash, and boxing gear) may be checked out at the Gear Issue Room in the Physical Fitness Center, Building 281. (437-7634)



LIBRARY

The main branch of the station library is located in Building 91 and is open Monday thru Friday, 1000-1700. The Lowry Branch of the library is located in the theater, Building 650, and is open Tuesday thru Friday, 1630-2100, and Saturday 1230-1900. A wide variety of magazines is available along with recreational reading and supplementary materials for educational advancement.

SPORT FISHING

The Naval Station North Island sportfishing boat, "Miss NORIS" docks at pier Golf. The boat operates four days a week, Thursday thru Saturday. For bottom fishing, (October thru March), be aboard prior to 0400 and return at 1430. The California fishing license is required except when surface fishing or fishing in Mexican waters. Licenses may be purchased at the Navy Exchange. Exclusive charter trips may be scheduled Monday thru Friday. The Naval Air Station North Island Special Services Division furnishes live bait, fishing rods, reels, lines and gunny sacks. Hooks and sinkers must be furnished by the individual. For further information call 437-7584.

Similar programs are offered by the Naval Amphibious Base and San Diego Naval Station.

Fishing on Base (Regulations)

All active duty military personnel, fleet reservists, retired personnel and their dependents are eligible for base fishing. Children under 12 years of age must be accompanied by an eligible adult. Personnel are reminded that cleanliness must be maintained. Fishing equipment, debris, etc., must be removed upon leaving the fishing areas.

Piers F and H

Fishing is permitted from 0630 to sunset and under no circumstances after sunset.

Piers I, J and K

Fishing is permitted at all times. Please keep off the pump houses.

SKIN DIVING

Skin diving is not permitted off the jetty.

BOWLING

There is a modern bowling center on North Island, located in Building 772, behind the NAS Chapel. The bowling center has 24 lanes, cafeteria and Haufrat. Lanes are open for bowling Monday thru Saturday, 0900-2330 and 1200-2330 on Sunday. (437-7585). Bowling is also available at the Naval Station, San Diego, NAS Miramar, Naval Amphibious Base Coronado, the Naval Training Center and Marine Corps Recruit Depot.

HOBBY SHOP

The Hobby Shop is operated on a volunteer basis. Call 437-6897 for information.



COMMAND ORIENTATION PROGRAM CRITIQUE SHEET

1. The Indoctrination program is designed to help personnel adjust to their new environment aboard RANGER. By taking a few minutes of your time completing this questionnaire, you will assist the command in up-grading the current program. Your comments will be evaluated and utilized to develop a better indoctrination program for future Rangermen.

2. Evaluate each lecture/presentation. Assess the value of each presentation as EXCELLENT, GOOD, or POOR.

ITEMS TO CONSIDER

1. Instructor Technique: How well was the lecture presented? Was the instructor organized and did he/she present the indoctrination clearly?

2. Instructor Knowledge: Was the instructor Knowledgeable?

3. To what degree will the lecture assist you aboard RANGER

<u>SUBJECT</u>	<u>EXCELLENT</u>	<u>GOOD</u>	<u>POOR</u>	<u>REMARKS (use reverse if needed)</u>
<u>CO</u>				
<u>XO</u>				
<u>TRNG OFFICER</u>				
<u>SHIPS ORG</u>				
<u>DISBURSING</u>				
<u>HRO/2</u>				
<u>ADMIN</u>				
<u>ELECT. SAFETY</u>				
<u>MEDICAL</u>				
<u>CHAPLAIN</u>				
<u>SAFETY</u>				
<u>NAVCIT</u>				
<u>ESO</u>				
<u>SPECIAL SERVICES</u>				
<u>C/MC</u>				
<u>PERSONNEL</u>				

SUBJECT	EXCELLENT	GOOD	POOR	REMARKS
MAA				
DENTAL				
SUPPLY				
MARINE DET				
DECK DEPT				
LEGAL ASSIST				

3. From an overall viewpoint, to what degree do you feel the indoctrination program was beneficial in helping you adjust to RANGER?
 VERY WORTHWHILE WORTHWHILE NO VALUE

4. RECOMMENDATIONS: Constructive suggestions to make "I" Division more beneficial and productive.

DATE _____ NAME _____ DIVISION _____

IMPORTANT NOTES