STAR LIGHT
Ambient light equipment (USN) - A portable system to enhance vision under conditions of starlight or moonlight.

UDT
Underwater Demolition Team (USN) - Specially trained swimmers used for underwater work in the Navy.

USAID
United States Agency for International Development.

USSF
United States Special Forces (USA) - Army personnel specially trained for use as advisors to indigenous personnel.

VIET CONG
Vietnamese citizens under the control and leadership of North Vietnam. These persons may be local sympathizers, guerrillas, or hard-core full-time workers for the Communist domination of South Vietnam.

VNAF
Vietnamese Air Force.

VNMC
Vietnamese Marine Corps.

VNN
Vietnamese Navy.

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APPENDIX II  
SECTION 2  

CHARACTERISTICS OF SOME OF THE SHIPS, SMALL CRAFT AND AIRCRAFT 
UNDER THE OPERATIONAL CONTROL OF COMNAPPORV

APDL

-Auxiliary Floating Dry Dock, Light - A non-self-propelled, open-ended dry dock with a 1,000-ton capacity. It measures 64 by 200 feet and has two 3-ton derricks and a machine shop. The craft mounts no armament.

AKL

-Cargo Ship, Light - A small cargo ship used for resupplying small bases and outposts in the Me-kong Delta and along the coast. The ship is 177 feet long, can carry 340 tons of cargo, has a 4-ton boom, and mounts two to four .50 caliber and two .30 caliber machine guns and one 81-mm mortar. It has a speed of 13 knots and a crew of four officers and 33 enlisted men.

AMMI (Pentoon)

-A multi-purpose barge. It is 5 by 28 by 90 feet and is sectioned into 12 interior spaces. Each barge contains six fittings for columns to raise or lower the barge on spuds, fittings to connect several barges end-to-end for causeway use, and fittings to allow side-mounting on LST's.
- In addition to causeway use, the barges can be positioned to embark and debark troops and to serve as platforms for patrol craft hull maintenance.

- Personnel Barracks Ship - An LST converted to provide berthing for an Army battalion and a River Assault Squadron. The ship is 328 feet long with berthing spaces for 122 officers and 1,180 enlisted men, and mounts four 4.2-inch mortars, two 40-mm quad gun mounts, two 20-mm twin gun mounts, and ten 7.62-mm machine guns. It has a speed of 12 knots and carries a crew of 11 officers and 161 enlisted men.

- Personnel Barracks, Lighter - A non-self-propelled barge with accommodations for the crews of 20 PBRs or 10 PBRs and 10 PCPs. It is 49 by 261 feet, has transient berthing spaces for 39 officers and 290 enlisted men, and mounts six .50 caliber machine guns. The crew consists of five officers and 84 enlisted men.

- Repair Ship, Internal Combustion Engine - A repair ship converted from a C-2 freighter and capable of repairing ships and craft with gasoline or diesel.
propulsion plants. This ship is 442 feet long and mounts three 3\textdegree}/50 caliber guns. It has a speed of 11.5 knots and a crew of 19 officers and 493 enlisted men.

- Repair Ship, Landing Craft - An LST converted to repair landing craft and support amphibious ships. The ship is 328 feet long and mounts two 40-mm quad gun mounts. It has a speed of 10.6 knots and a crew of 12 officers and 178 enlisted men.

- Assault Support Patrol Boat - A special configured craft designed principally for use by the Riverine Assault Force. The boat is 50 feet long and mounts one 20-mm gun mount, one 81-mm mortar, two MK-18 40-mm grenade launchers, and one twin-.50 and four .30 caliber machine guns. The ruggedly-constructed, high-speed (14.8 knots) boat, with a crew of seven enlisted men, is used as a minesweeping and escort craft for the troop carriers.

- Armored Troop Carrier - A modified, armored LCM-6 designed principally for use by the Riverine Assault Force. The boat is 56 feet long with an extended deckhouse mounting two 20-mm guns, two .50 caliber machine guns, and four M-60 machine guns.
-The craft can carry approximately 40 combat troops or two and a half to three tons of cargo. It has a speed of eight and a half knots and carries a crew of seven enlisted men. Special bar-and-plate armor has been added to provide protection for the hull and deckhouse against projectiles up to and including 57-mm HEAT rounds.

-Armored Troop Carrier (Helicopter) - An ATC with a portable helicopter landing platform mounted above the craft's well-deck. The platform provides faster handling of medical evacuees and enables the MRF to conduct certain airborne re-supply and assault missions more expeditiously.

-A 16' fiberglass, shallow-draft motor boat.

-Command and Communications Boat - A modified, armored LCM-6 designed for use by the RAF as a task group flagship and afloat command post. The command center is situated in the craft's well. The boat is 60.5 feet long, is equipped with radar, and mounts one 40-mm and one .50 caliber machine gun in a forward turret, and one 20-mm gun, two .50 caliber machine guns and two M-60 machine guns in the deckhouse. It has a speed of eight and one-quarter knots and
-crew of 11 enlisted men. The craft also has special armor similar to that installed on ATCs.

-Transport - A general-purpose aircraft with two reciprocating engines. The plane has a cargo capacity of 12,900 pounds, a take-off weight of 36,800 pounds, a range of 610 miles, and a cruising speed of 153 knots. The crew normally consists of two officers and two enlisted men.

-Heavy Lift Craft - A non-self-propelled hull, capable of partial submersion, used in salvage work to lift hulls. The craft is 39 by 140 feet, has two 10-ton booms as well as auxiliary equipment for pumping and can raise 300 tons in a bow lift or 750 tons in a midships lift. HLCs are normally used in pairs. Each craft mounts four .50 caliber machine guns. The crew consists of two officers and 20 enlisted men.

-Landing Craft, Personnel, Large - A boat used primarily for harbor defense and to guide larger landing craft. The boat is 36 feet long, is equipped with radar, and mounts two .50 caliber machine guns. It has a speed of 19 knots.
LCU

-Landing Craft Utility - Used to deliver cargo throughout the Republic of Vietnam. The primary source of delivering cargo to Dong Ha and Hue in I Corps. The boat is 118 feet long and has a maximum speed of 8 knots. The boat captain is usually a Chief Petty Officer, who commands an enlisted crew of 13.

YLLC

-Light Lift Craft - A converted LCU designed to perform limited salvage duty. The craft is 119 feet in length, and has a shear-leg crane capable of 30-ton lifts. Light Lift Craft have four .50 caliber machine guns, a speed of seven knots, and carry a crew of two officers and 15 enlisted men.

LST (GAME WARDEN Support Ship)

-A 548-Class tank landing ship specially configured for GAME WARDEN Operations. The cargo hatch has been enlarged to 13- by 32-feet to permit lowering PBRs and helicopters to the tank deck for repairs and maintenance. The main deck forward of the cargo hatch has been strengthened and life-saving nets have been added port and starboard to support helicopter operations. A 10-ton boat lifting boom has been added on the starboard side just forward
IST (Con't.)

...of the deckhouse. In addition, the transient berthing facilities on board have been increased to accommodate eight officers and 112 enlisted men. An ancillary role performed by the LST is radar surveillance in support of MARKET TIME units in the area. The ship's speed is 12 knots, and the crew consists of 17 officers and 123 enlisted men.

MONITOR

-Monitor - A modified LCM-6 designed primarily for use as a fire support ship by the RAF. The craft has bar-and-plate armor along the hull and deckhouse similar to that of ATCs and CCBs. The boat is 60.5 feet long, is equipped with radar, and mounts one 40-mm and one .50 caliber machine gun in a forward turret, one 81-mm mortar and two M-60 machine guns amidships, and one 20-mm gun, two .50 caliber machine guns and four M-60 machine guns in the deckhouse. It has a speed of eight and one-quarter knots and a crew of 11 enlisted men.

-Minesweeper, Boat - A small minesweeper designed for clearing sheltered waters, e.g., the Long Tau River. The boat is 57 feet long, mounts one .50
-caliber and one .30 caliber machine gun, two Mark 18 grenade launchers, and is equipped with radar. It has a speed of 11 knots and carries a crew of six enlisted men.

-Patrol Air Cushion Vehicle - The new craft is an all-metal peripheral jet-type hovercraft powered by a single marine gas turbine engine, enabling the craft to reach approximately 50 knots under optimum conditions. With a crew of one officer and four enlisted men, the craft is equipped with radar and mounts one twin .50 caliber machine gun, three MK21 7.62-mm machine guns and one MK18 40-mm grenade launcher. The PACV, with a length of 38.7 feet, a width of 23 feet and a height of 16.5 feet (cushion-borne), is to be used primarily as a rapid reaction craft, a high-speed, logistic re-supply craft for small quantities of high priority material, and for SAR missions.

-Patrol Boat, River - A military adaptation of a fiberglass, civilian pleasure boat. The boat is 31 feet long, uses twin water jets as a propulsion system, and mounts one twin .50 caliber machine gun and one .50 caliber machine gun with a Mark 18
PBR (MK I) (Con't.)
-grenade launcher. The craft is equipped with radar, has a speed of 25 knots and carries a crew of five enlisted men. PBRs normally patrol in pairs and constitute the principal craft of Operation GAME WARDEN.

PBR (MK II)
-Patrol Boat, River - An improved version of the PBR with the same basic design; principal changes include a lower silhouette, and modifications to the armament.

PCF
-Patrol Craft, Fast (Swift) - An aluminum-hulled, offshore patrol craft, used extensively for coastal surveillance in Operation MARKET TIME. The craft is 50 feet long, mounts one twin .50 caliber machine gun and a .50 caliber machine gun with an 81-mm mortar. It has radar, a speed of 23 knots, and a crew of one officer and five enlisted men.

PG
-Patrol Gunboat - A patrol boat for use in offshore waters. It is a new design with an all-aluminum hull and a combination diesel/gas turbine propulsion plant. The boat is equipped with radar, is 165 feet long, mounts one 3"/50 caliber gun, one 81-mm mortar and two .50 caliber machine guns. The craft's speed is 37 knots under turbine power and 16
-under diesel power. The crew consists of three officers and 21 enlisted men.

- A 45-foot, 13-knot craft designed for harbor defense and anti-swimmer patrols. The boat has radar, mounts one .50 caliber machine gun, and normally carries a crew of five enlisted men.

- Orion - A long-range patrol aircraft used extensively in Operation MARKET TIME. The plane is powered by four turbo-prop engines, carries 11,000 pounds of bombs, and has a maximum take-off weight of 127,500 pounds. Orions have a range of 3,700 miles, a cruising speed of 310 knots, and a crew of four officers and nine enlisted men.

- Swimmer Support Boat (Skimmer) - The military version of the civilian, fiberglass, triple-V-hulled "Boston Whaler"; used for harbor patrols and UDT, SEAL, and EOD operations. The outboard-powered boat is 16.5 feet long, is controlled from a steering console amidships, and mounts one M-60 machine gun forward. It has a speed of 25 knots and a crew of two enlisted men.

- SEAL Team Assault Boat - An armed version of the civilian runabout; used to land and recover SEAL units.
STAB (Con't.)

- The boat is 20 feet long, mounts one .50 caliber machine gun, one M-60 machine gun, one Mark 18 grenade launcher, and can also carry a 57-mm recoilless rifle. The boat is powered by two 50-horsepower outboard motors and has a speed of 40 knots.

VRDETTA

- A general term referring to any of several classes of old French river boats—utilized by VNN RAGs and GVN police units.

UH-1B

- Helicopter (Iroquois) - A U. S. Army helicopter on loan to the U. S. Navy in South Vietnam. Alternate-ly referred to as a "Huey" or a "Gunship" or a "Seawolf," the aircraft mounts four 7.62-mm machine guns in pairs, two M-60 machine guns and two pods capable of firing 14 2.74-inch rockets. The helicopter has a range of 250 miles, a speed of 125 knots, and carries a crew of two officers and two enlisted men.

UH-1D

- The unarmed version of the "Huey," commonly referred to as a "Slick." It can carry 10 troops, four litters, or 2,000 pounds of cargo.

WH2C

- High Endurance Cutter (USCG) - An ocean-going, Coast Guard patrol ship, employed on operation MAR- KET TIME off-shore barrier patrols. The radar-equipped
WHEC (Con't.)

- ship is 311 feet long, mounts one 5"/38 gun, six .50 caliber machine guns, one Mark 10 torpedo launcher with six torpedoes, and two 81-mm mortars. The ship has a speed of 19 knots and carries a crew of 13 officers and 140 enlisted men.

WPB

-Cutter (USCG) - A modified version of the Coast Guard's offshore, rescue vessel; used extensively in Operation MARKET TIME. The boat is 82 feet long, mounts one .50 caliber machine gun with an 81-mm mortar, and four .50 caliber machine guns. The radar-equipped craft has a speed of 18 knots and a crew of two officers and nine enlisted men.

YDT

-Diving Tender - A non-self-propelled lighter equipped with a deckhouse containing accommodations and working spaces for a salvage team. The tender is 54- by 260-feet, has a 12-ton crane, and mounts six .50 caliber machine guns for self-defense. The craft carries a crew of 15 officers and 76 enlisted men.

YFNB

-Patrol Boat Tender - A non-self-propelled barge equipped with a large deckhouse containing shops and maintenance facilities for small craft. Currently in use in the Mekong Delta supporting PBRs, the barge has six .50 caliber machine guns and
YFNB (Con't.) — four 51-mm mortars for self-defense. It carries a crew of four officers and 31 enlisted men.

YFU — Utility Yard Craft — The newest version of this craft is called the SKILAK and is capable of carrying 330 short tons of dry cargo or 86,000 gallons of liquid cargo at a speed of 10 knots.

YFRB — Repair, Berthing and Messing Barge — A converted YFNB equipped with a large deckhouse containing shops and maintenance areas for small craft, and berthing and messing facilities for boat crews. The craft can berth 97 boat-crew personnel. The armament and the size of the permanent crew are the same as that of a YFNB.

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