

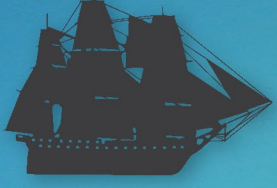








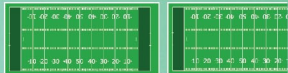












EVOLUTION OF U.S. NAVY POWER

POWER . PRESENCE .

SINCE 1775, NAVY'S USE OF ENERGY HAS EVOLVED TO EQUIP WARFIGHTERS WITH THE POWER STRATEGIES THAT BEST ENABLE OUR PLATFORMS TO GO FARTHER, STAY LONGER AND DELIVER MORE FIREPOWER.

HISTORY.NAVY.MIL

	SPEED	CREW	LENGTH	POWER	RANGE	ARMAMENT
 CONSTITUTION 1797	13.0 KNOTS (14.9 MPH)	450 PERSONNEL	 304 FT	SAIL	AS FAR AS FOOD/WATER WILL TAKE THEM	30x 24- PDR LONG GUNS; 20x 32-PDR CORRONADES; 2x 24- PDR BOW CHASERS
 DEMOLOGOS 1816	6.0 KNOTS (6.9 MPH)	200 PERSONNEL	 156 FT	STEAM	NOT DESIGNED FOR SEA TRAVEL	24x 32- PDR GUNS
 ATLANTA II 1886	16.3 KNOTS (18.8 MPH)	284 PERSONNEL	 288 FT	SAIL; STEAM TURBINE	3,390 NAUTICAL MILES	2x 8", 6x 6" GUNS; 2x 6- PDR, 2x 3- PDR, 2x 1-PDR CANNONS; 2x .45 CAL GATLING GUNS
 USS NEVADA (BB 36) 1916	20.5 KNOTS (23.6 MPH)	864 PERSONNEL	 583 FT	STEAM TURBINE	5,120 NAUTICAL MILES AT 12 KNOTS	10x 14", 21x 5", 2x 3" GUNS; 2x TO 4x 21" TORPEDO TUBES
 USS NEW MEXICO (BB 40) 1918	21 KNOTS (24.2 MPH)	1,084 PERSONNEL	 624 FT	TURBO- ELECTRIC DRIVE	8,000 NAUTICAL MILES AT 10 KNOTS	12x 14", 14x 5" GUNS; 2x 21" TORPEDO TUBES
 USS LEXINGTON (CV 2) 1927	34.3 KNOTS (39.5 MPH)	2,122 PERSONNEL	 888 FT	TURBO- ELECTRIC DRIVE	10,000 NAUTICAL MILES AT 10 KNOTS	8x 8" .55 CAL. GUNS; 12x 5" AA GUNS
 USS NAUTILUS (SSN 571) 1954	22.0 KNOTS (25.3 MPH)	105 PERSONNEL	 323 FT	STEAM TURBINE; NUCLEAR	UNLIMITED	6x TORPEDO TUBES
 USS NIMITZ (CNV 68) 1975	31.5 KNOTS (36.2 MPH)	4,582 PERSONNEL	 1,092 FT	STEAM TURBINE; NUCLEAR	UNLIMITED	3x BPDMS SYSTEM WITH GUIDED-MISSILE CONTROL AND GUIDED-MISSILE LAUNCHING SYSTEM
 USS MAKIN ISLAND (LHD 8) 2009	28.0 KNOTS (32.2 MPH)	1,204 PERSONNEL	 847 FT	GAS TURBINE; HYBRID- ELECTRIC	10,900 NAUTICAL MILES AT 20 KNOTS	2x RAM LAUNCHERS; 2x NATO SEA SPARROW LAUNCHERS; 3x 25MM GUNS; 4x .50 CAL. GUNS
 ARLEIGH BURKE (DDG 51) FLIGHT IIA	30+ KNOTS (34.5+ MPH)	312 PERSONNEL	 509 FT	GAS TURBINE; (COMING SOON: HYBRID- ELECTRIC FOR FLIGHT IIA)	4,400 NAUTICAL MILES AT 20 KNOTS	1x 5", 4x .50 CAL. GUNS; 6x TORPEDO TUBES; 2x 25MM CANNONS

* ARMAMENT KEY: PDR= POUNDER; MM= MILLIMETER; CAL. = CALIBER; AA=ANTI-AIRCRAFT; RAM= ROLLING AIRFRAME MISSILE; BPDMS= BASIC POINT DEFENSE MISSILE SYSTEM

SOURCES: "DICTIONARY OF AMERICAN NAVAL FIGHTING SHIPS" NAVAL HISTORY AND HERITAGE COMMAND ; "U.S. AIRCRAFT CARRIERS: AN ILLUSTRATED DESIGN HISTORY" BY NORMAN FRIEDMAN;
"U.S. CRUISERS: AN ILLUSTRATED DESIGN HISTORY" BY NORMAN FRIEDMAN; "U.S. BATTLESHIPS: AN ILLUSTRATED DESIGN HISTORY" BY NORMAN FRIEDMAN; JANE'S FIGHTING SHIPS,
(MULTI-VOLUMES); GRAPHICS: MC1 CLIFFORD L.H. DAVIS, ANNALISA UNDERWOOD, AND JAMES CAIELLA, NAVAL HISTORY AND HERITAGE COMMAND COMMUNICATION AND OUTREACH DIVISION.

