DDG-51: ARLEIGH BURKE CLASS

**DISP:** DDG 51 6,624 tons light
later units 6,682 ton light
DDG 51 8,315 tons full load
later units 8,373 tons full load

**LENGTH:** 465 ft waterline
504 ft overall

**BEAM:** 66.5 ft

**DRAFT:** 30 ft

**PROPULSION:**
(4) gas turbine (General Electric
LM-2500-30); 100,000 shp;
2 shafts

**SPEED:** 31 kts

**RANGE:** 4,400 nmi at 20 kts

**MANNING:** 325 (23 officer + 302 enlisted)

**HELICOPTER:** landing deck only

**EW SYSTEMS:**
SLQ-25 Nixis
SLQ-32(V)2

**MISSILES:**
90 cell VLS for SM-2(MR)/
Tomahawk/VLA ASROC

**GUNS:**
5-inch 54 cal Mk45

**ASW WEAPONS:**
(2) 20mm Phalanx CIWS
VLA(ASROC)*
6 torpedo tubes Mk 32

**RADARS:**
SPS-64 navigation
SPS-67(V)3 surface search
(4) SPY-1D multi-function

**SONARS:**
SQS-53C bow mounted
SQR-19 TACTAS towed array

**FIRE CONTROL:**
(3) Mk 99 illuminators with SPG-
62 radar
Mk 116 ASW control system
Mk 160 GFCS

*note: VLA ASROC has not been introduced into the fleet.

DDG-51:
1. helicopter deck  2. Mk41 Mod 0 vertical launch system  3. Mk 32 torpedo tubes  4. Harpoon canisters
5. 20 mm Phalanx CIWS  6. SPG-62 radars  7. URN-25 TACAN  8. SPS-67 radar (above SPS-64 radar)  9. SPY-1 radar  10. 5 inch/54 cal single gun mount.
HYDROSTATIC PROPERTIES at LEVEL TRIM

Specific Gravity = 1.025    Assumed KG = 0.00 FT
"k" = Baseline
Specific Gravity = 1.023
Assumed KG = 0.00 FT
"K" = Baseline