FFG-7: OLIVER HAZARD PERRY CLASS

DISP: 2,769 tons light except 3,210 tons for ships with LAMP III modification
3,658 tons full except 3,900-4,100 tons for ships with LAMPS III modification
LENGTH: 413 ft waterline
445 ft overall except 455 ft for ships with LAMPS III modification
BEAM: 45 ft
DRAFT: 22 ft
PROPULSION: (2) gas turbines (General Electric LM 2500); 40,000 shp; 1 shaft
SPEED: 29 kts
RANGE: 4,200 nmi at 20 kts
MANNING: 214 (16 officers + 198 enlisted)
HELICOPTER: (2) SH-60B LAMPS III in FFG 8, 36-61
SH-2F LAMPS I in FFG-7, 9-35
MISSILES: Mk 13 launcher for
SM-1(MR)/Harpoon SSM
GUNS: 76 mm/62 cal Mk 75
20 mm Phalanx CIWS
ASW WEAPONS: 6 torpedo tube Mk 32
RADARS: SPS-49(V) 4 air search
SPS-55 surface search
SONAR: SQR-19 TACTAS towed array
FIRE CONTROL: Mk 13 weapons direction system
Mk 92 FCS
STIR radar
SQQ-39(V)2 ASW system
SYS-2(V)2 Integrated
Automatic Detection and Tracking in FFG 50 and 61
EW SYSTEMS: SLQ-25 Nixie
SLQ-32(V)2 except SLQ-32(V)5 with sidekick in FFG 30 and 53.

Note: The U.S. Navy removed STIR fire control radar (#5) and Mk 13 missile launcher (#10) in a ship modification program.
HYDROSTATIC PROPERTIES at LEVEL TRIM

1. Displacement 1=30 LT
2. LCB (use top scale)
3. UCB (XB) 1=0.2 FT
4. Immersion 1=0.2 LT/IN
5. WPA 1=84 Sq.FT
6. Mom/Trim 1=5.78 FT-LT/In
7. XML 1=7 FT
8. XMT 1=0.2 FT

Specific Gravity = 1.025  Assumed KG = 0.00 FT
"K" = Base Plane
CROSS CURVES OF STABILITY - Stbd Heel
at LEVEL TRIM (Initial)

Specific Gravity = 1.025  Assumed KG = 0.00 FT
"X" = Base Plane