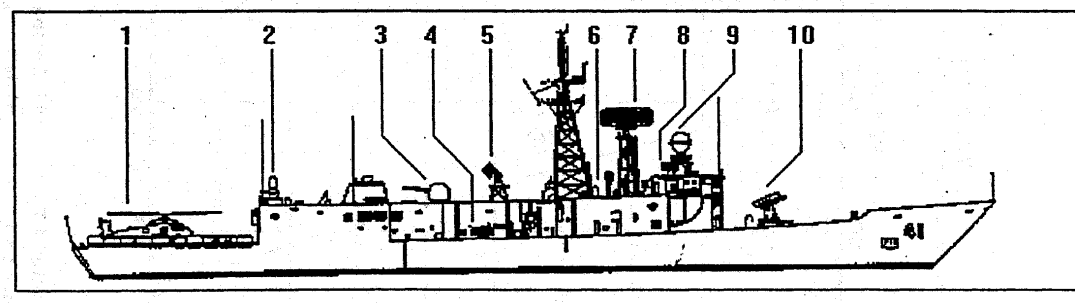
OLIVER HAZARD PERRY CLASS (FFG-7)

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:	SQS-56 keel mounted SQR-19 TACTAS towed array
FIRE CONTROL:	Mk 13 weapons direction system Mk 92 FCS STIR radar SQQ-89(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.

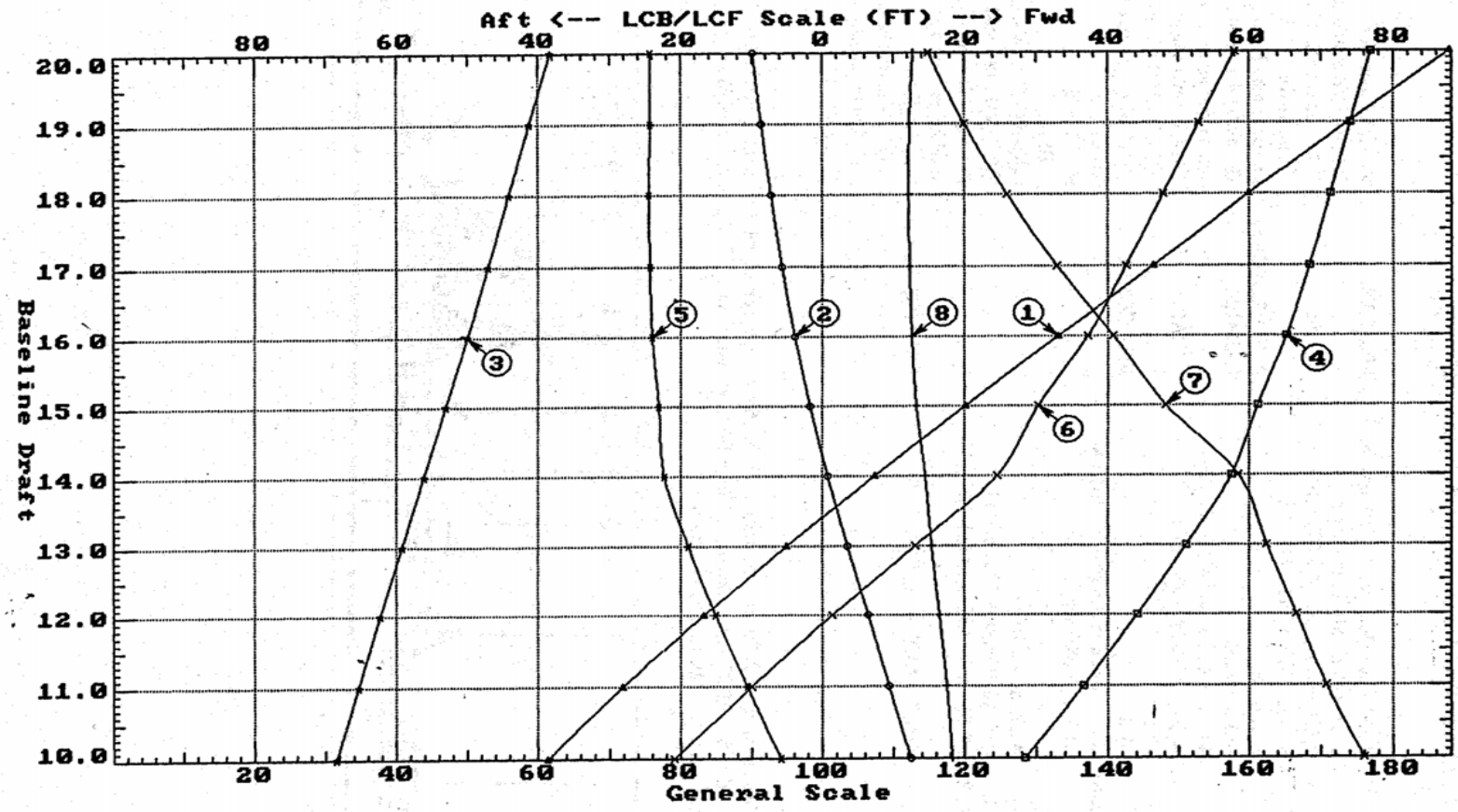
FFG-7: 1. helicopter deck 2. 20 mm Phalanx CIWS 3. 76mm single gun mount 4. Mk 32 torpedo tubes 5. STIR fire control radar 6. SRBOC chaff launcher 7. SPS-49(V)2 air search radar 8. SLQ-32(V)2 ECM antenna 9. Mk 92 fire control radar 10. Mk 13 missile launcher.



Data by LT Fredrickson

FIG7

HYDROSTATIC PROPERTIES at LEVEL TRIM

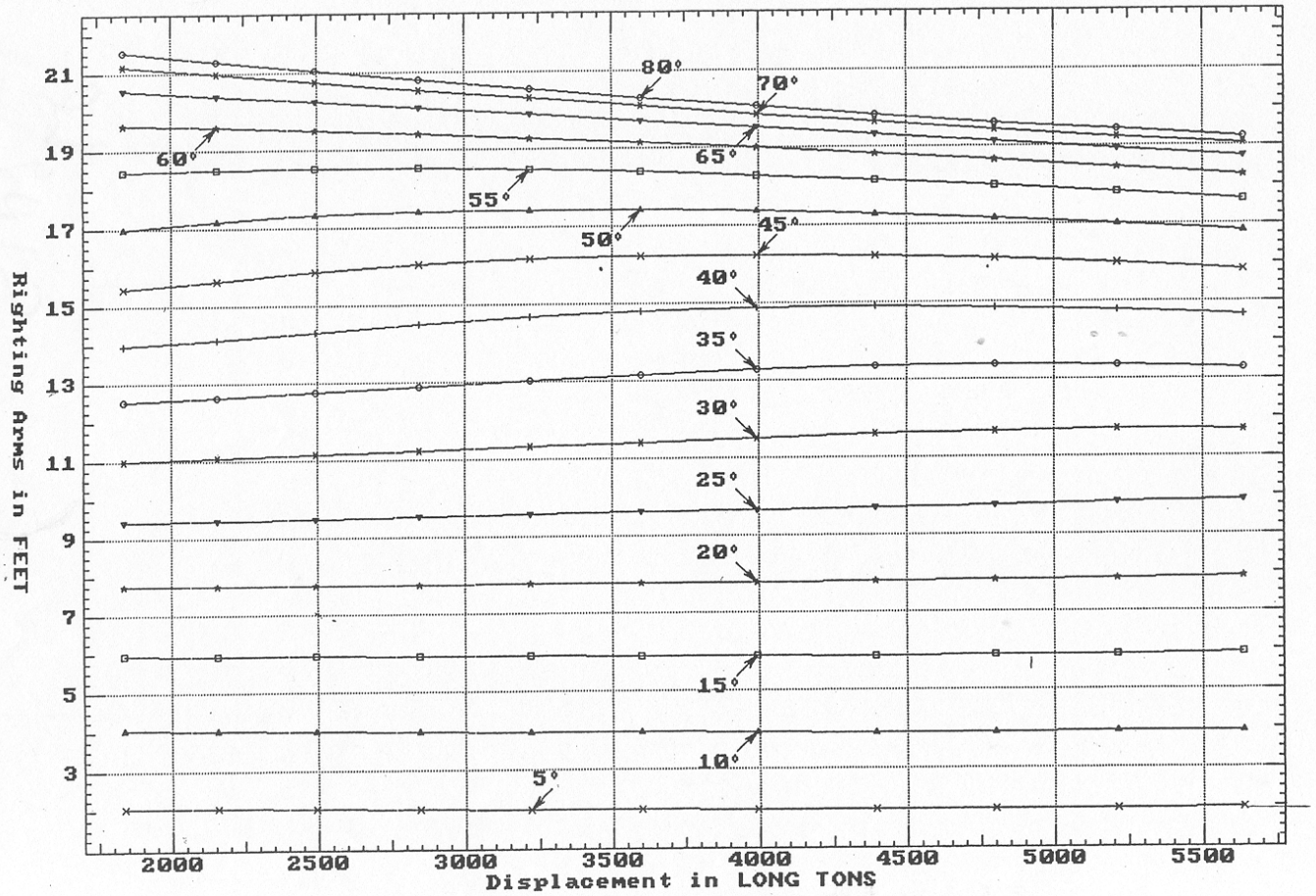


1. Displacement 1=30 LT
2. LCB (use top scale)
3. VCB (KB) 1=0.2 FT
4. Immersion 1=0.2 LT/IN
4. WPA 1=84 Sq.FT
5. LCF (use top scale)
6. Mom/Trim 1=5.78 FT-LT/In
7. KML 1=7 FT
8. KMT 1=0.2 FT

Specific Gravity = 1.025 Assumed KG = 0.00 FT
"K" = Base_Plane

Data by N. Harris

CROSS CURVES OF STABILITY - Stbd Heel
at LEVEL TRIM (initial)



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

Data by N. Harris