# D 644 Primauguet [Type F70] - 1999

## France



Type: DDG - Guided Missile Destroyer
Max Speed: 30 kt
Commissioned: 1999
Length: 139.0 m
Beam: 14.0 m
Draft: 5.5 m
Crew: 244
Displacement: 3680 t
Displacement Full: 4580 t
Propulsion: 2x SEMT-Pielstick 16 PA6C V280 Diesels, 2x Rolls-Royce Olympus TM-3B Gas Turbines, CODOG

Sensors / EW:
- ARBB 33 [ECM] - (Group) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- ARBB 33 [RWR] - (Group) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- ARBR 17 [DR 4000S] - (Group) ESM, ELINT w/ OTH Targeting, Max range: 926 km
- DRBV 26 Jupiter II [TRS 3010] - (Group) Radar, Radar, Air Search, 2D Long-Range, Max range: 296.3 km
- DUBV 24C - (Group) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 14.8 km
- DSBV 61B FLUTE - (1987, Towed by DUBV 43 Body) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Towed Array Sonar System, Max range: 74.1 km
- DUBV 43C - (Assoc w DSUV 23, Active VDS, Primauguet) VDS, Active/Passive Sonar, VDS, Active/Passive Variable Depth Sonar, Max range: 14.8 km
- Vigy 105 [CCD] - (Group, 1998, Tracker) Visual, LLTV, Weapon Director, Max range: 185.2 km
- Vigy 105 [IR] - (Group, 1998, Tracker) Infrared, Infrared, Weapon Director Camera, Max range: 185.2 km
- Vigy 105 [Laser Rangefinder] - (Group, 1998, Tracker) Laser Rangefinder, Laser Rangefinder for Weapon Director, Max range: 7.4 km
- VAMPIR-MB [CCD] - (Group, 1996, Detector) Visual, LLTV, Target Search, Slaved Tracking and Identification, Max range: 148.2 km
- VAMPIR-MB [IR] - (Group, 1996, Detector) Infrared, Infrared, Target Search, Slaved Tracking and Identification Camera, Max range: 148.2 km
- VAMPIR-MB [Laser Rangefinder] - (Group, 1996, Detector) Laser Rangefinder, Laser Rangefinder, Max range: 0 km
- DRBC 33A Castor IIC [Radar] - (Group, TRS 3204, CTD, GFCR) Radar, Radar, FCR, Surface-to-Air, Short-Range, Max range: 29.6 km
- TRAKIR [IR] - (Castor IIC) Infrared, Infrared, Target Tracking and Identification Camera, Max range: 185.2 km
- TRAKIR [TV Camera] - (Castor IIC) Visual, Visual, Target Tracking and Identification TV Camera, Max range: 185.2 km
- Decca 1226 - (Castor IIC) Radar, Radar, Surface Search & Navigation, Max range: 88.9 km
- URDT 1 [SPDT-1A] - (1991, Torpedo Warning) Hull Sonar, Passive-Only, Hull Sonar, Passive-Only Torpedo Warning, Max range: 9.3 km

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Weapons / Loadouts:
- L5 Mod 4 - (Surface, ASW) Torpedo. Surface Max: 7.4 km. Subsurface Max: 7.4 km.
- MM.38 Exocet Blk I - (1976) Guided Weapon. Surface Max: 42.6 km.
- DAGAIE Mk2 LIR Flare - Decoy (Expendable). Surface Max: 1.9 km.
- DAGAIE Mk2 LEM Chaff - Decoy (Expendable). Surface Max: 1.9 km.
- 100mm/55 Model 1968 PFHE Burst [4 rnds] - (Model 1968 CADAM/1968-II, Improved) Gun. Air Max: 2.8 km. Surface Max: 13 km. Land Max: 13 km.
- 100mm/55 Model 1968 HE Burst [4 rnds] - (Model 1968 CADAM/1968-II, Improved) Gun. Surface Max: 13 km. Land Max: 13 km.
- 12.7mm/50 MG Burst [10 rnds] - (Facility/Ship, No Anti-Air Capability) Gun. Surface Max: 1.9 km. Land Max: 1.9 km.
- R.440N Crotale V3N - Guided Weapon. Air Max: 9.3 km. Surface Max: 9.3 km.
- Mistral 1 - (1991, Director) Guided Weapon. Air Max: 5.9 km.