

F 802 De Zeven Provinciën - 2004

Netherlands

Type: FFG - Guided Missile Frigate

Max Speed: 28 kt

Commissioned: 2004

Length: 144.2 m

Beam: 18.8 m

Draft: 5.2 m

Crew: 202

Displacement: 5864 t

Displacement Full: 6048 t

Propulsion: 2x Stork-Wärtsilä 16V6ST Diesels,
2x Rolls-Royce Spey SM-1C Gas Turbines,
CODOG



Sensors / EW:

- DSQS-24C [CSU 90] - Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 44.4 km
- Scout Mk.1 - Radar, Radar, Surface Search & Navigation, Max range: 44.4 km
- APAR MFR - Radar, Radar, FCR, Surface-to-Air & Surface-to-Surface, Medium-Range, Max range: 166.7 km
- SMART-L - (1997, VSR) Radar, Radar, Air & Surface Search, 3D Long-Range, Max range: 398.2 km
- SIRIUS - (1997, VSR) Infrared, Infrared, Target Indicator Camera, Max range: 0 km
- Vigile 100 - (Sabre, Assoc w Scorpion 2) ESM, ELINT w/ OTH Targeting, Max range: 926 km
- Scorpion 2 RECM - (Sabre, Assoc w Scorpion 2) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- Furuno - (Generic) Radar, Radar, Surface Search & Navigation, Max range: 37 km

Weapons / Loadouts:

- 30mm Goalkeeper Burst [240 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km.
 - 127mm/54 OTO Melara Compact HECVT - Gun. Air Max: 2.8 km. Surface Max: 20.4 km. Land Max: 20.4 km.
 - 127mm/54 OTO Melara Compact HiCap - Gun. Air Max: 2.8 km. Surface Max: 20.4 km. Land Max: 20.4 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.
 - Mk182 SRBOC Chaff [Seduction] - (1979) Decoy (Expendable). Surface Max: 1.9 km.
 - Mk186 TORCH Flare [Seduction] - (1979) Decoy (Expendable). Surface Max: 1.9 km.
 - RGM-84D Harpoon IC - (1986) Guided Weapon. Surface Max: 138.9 km.
 - AN/SLQ-25 Nixie - Decoy (Towed). Surface Max: 1.9 km.
 - Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.
 - RIM-66M-2 SM-2MR Blk IIIA - (AEGIS VLS) Guided Weapon. Air Max: 166.7 km. Surface Max: 46.3 km.
 - RIM-162B ESSM - (2004, Non-AEGIS, Mk41) Guided Weapon. Air Max: 55.6 km. Surface Max: 46.3 km.
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RNINavy Zeven Provinciën Class ships (4) are LCF (Air defense and Command Frigates) commissioned between 2002 - 2005. Originally, the ships were designed from a joint NATO project, but after that fell apart, the Netherlands designed the ships with Spain and Germany.

The Zeven provinciën Klasse ships are designed for medium and long range air defense (200+ miles) with LAMS (local area missile system). SMART-L radar gives the complete air picture, APAR has a shorter range but with 360 degree image and 100 followable targets. Under EMCOM silence, Sirius IR can follow 30 targets.