F 812 Jacob van Heemskerck - 1999

Netherlands



Type: FFG - Guided Missile Frigate

Max Speed: 30 kt

Commissioned: 1999

Decommissioned: 2005

Length: 130.2 m

Beam: 14.4 m

Draft: 4.2 m

Crew: 197

Displacement: 3000 t

Displacement Full: 3750 t

Propulsion: 2x Rolls-Royce Tyne RM-1C

Cruise Gas Turbines, 2x Rolls-Royce Olympus

TM-3B Boost Gas Turbines, COGOG

Sensors / EW:

- Telegon 4 - (AK 1200) ESM, HF/DF, Max range: 926 km
- SMART-S - (AK 1200) Radar, Radar, Air & Surface Search, 3D Medium-Range, Max range: 148.2 km
- LW.08 - (RAWL-2, LAR-2, Type 1022, SPQ-502) Radar, Radar, Air Search, 2D Long-Range, Max range: 333.4 km
- ZW.06 - (1972, PIN 515) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- PHS-36 - (1972, PIN 515) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 7.4 km
- Sphinx - (1972, PIN 515) ESM, ELINT, Max range: 926 km
- Scout Mk.2 - (1972, PIN 515) Radar, Radar, Surface Search & Navigation, Max range: 44.4 km
- STIR 180 [Radar] - (Sea Sparrow) Radar, Radar, FCR, Surface-to-Air & Surface-to-Surface, Short-Range, Max range: 59.3 km
- STIR 180 [IR Camera] - (Sea Sparrow) Infrared, Infrared, Target Tracking and Identification Camera, Max range: 185.2 km
- STIR 180 [TV Camera] - (Sea Sparrow) Visual, Visual, Target Tracking and Identification TV Camera, Max range: 185.2 km
- STIR 240 [Radar] - (SM-1) Radar, Radar, FCR, Surface-to-Air & Surface-to-Surface, Medium-Range, Max range: 138.9 km
- STIR 240 [IR Camera] - (SM-1) Infrared, Infrared, Target Tracking and Identification Camera, Max range: 185.2 km
- STIR 240 [TV Camera] - (SM-1) Visual, Visual, Target Tracking and Identification TV Camera, Max range: 185.2 km
- N/SLQ-2 Scimitar [RWR] - (RAMSES) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- N/SLQ-2 Scimitar [ECM] - (RAMSES) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km

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Weapons / Loadouts:

- 20mm/70 Oerlikon Mk7 Burst [20 rnds] - Gun. Air Max: 1.5 km. Surface Max: 1.9 km. Land Max: 1.9 km.
- 30mm Goalkeeper Burst [240 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km.
- RIM-7P Sea Sparrow - (1994) Guided Weapon. Air Max: 25.9 km. Surface Max: 25.9 km.

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- 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.
- Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.
- RIM-66B SM-1MR Blk V - (1971) Guided Weapon. Air Max: 46.3 km. Surface Max: 46.3 km.
- Generic GMTR [Guided Missile Training Round] - (Aka Drill Round) Training Round.

RNlNavy Jacob van Heemskerck Class (2). Two improved Kortenaer Class ships that served between 1986 and 2005 as Air Defense ships (L-Class, L for "Luchtverdediging").
They had an additional missle system and could house more Sea Sparrow missiles (24 in stead of 16 on the S-Class frigattes).
In 2004 and 2005 the ships were sold to the Chilean Navy.