F 812 Jacob van Heemskerck - 1986

Netherlands



Type: FFG - Guided Missile Frigate
Max Speed: 30 kt
Commissioned: 1986
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
- DA.05 [RAWS-3] - (AK 1200) Radar, Radar, Target Indicator, 2D Surface-to-Air & Surface-to-Surface, Max range: 237.1 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
- 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
- Decca 1226 - (SM-1) Radar, Radar, Surface Search & Navigation, Max range: 88.9 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

---

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.

F 812 Jacob van Heemskerck - 1986

- RIM-7M Sea Sparrow - (1985) Guided Weapon. Air Max: 25.9 km. Surface Max: 25.9 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.
- 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.