F 807 Kortenaer - 1984

Netherlands



Type: FFG - Guided Missile Frigate
Max Speed: 30 kt
Commissioned: 1984
Length: 130.2 m
Beam: 14.4 m
Draft: 4.4 m
Crew: 190
Displacement: 3000 t
Displacement Full: 3786 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
- WM.25 - (Low-Level AD, Missile FCS) Radar, Radar Illuminator, Long-Range, Max range: 118.5 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
- AN/SQR-18A - (1980, SQS-35 VDS Fish, EDO 950) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Towed Array Sonar System, Max range: 74.1 km
- CA/SQS-509 [PHS-36] - (1980, SQS-35 VDS Fish, EDO 950) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 29.6 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
- N/SLQ-01 Newton Gamma [ELT 311, ESM] - (NATO, Netherlands, Spain) ESM, ELINT, Max range: 926 km
- N/SLQ-01 Newton Gamma [ELT 511N, ECM] - (NATO, Netherlands, Spain) 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.
- 76mm/62 Compact HE Burst [4 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 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.
- RIM-7H Sea Sparrow - (1976, Mk29) Guided Weapon. Air Max: 14.8 km. Surface Max: 14.8 km.
- 40mm/60 Mk3 Single Bofors Burst [2 rnds] - Gun. Air Max: 2.2 km. Surface Max: 5.6 km. Land Max: 5.6 km.

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- RGM-84A Harpoon IP - (1977) Guided Weapon. Surface Max: 120.4 km.
- Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.

RNlNavy Kortenear Class ships (12) were build in the 1970's and served till the early 21st century.
They were called S-Frigattes (S for standard). Ten of those 12 served with the RNlNavy, two were bought by the Greek Navy while still under construction.
The design was based on the hull of the French Georges Leyguess Class ships and had twin screws (safer in operations than a one screw design).
Radar, engines and weapons were all identical, standardised, to the Tromp Class guided missle frigattes, hence the name S-Class.
Most ships were sold to Greece after the turn of the century, two were sold to the UAE.