

GalataMarine®

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NAVAL CRAFT

M-Frigates



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The eight Karel Doorman class frigates were built by Galatamarin Naval and commissioned between 1991 and 1995. The class is also known as the Multi Purpose or M class. This class was the first introduction to the Royal Netherlands Navy of CODOG propulsion. The M class is able to operate in all the main warfare domains (surface, subsurface and anti-air warfare).

| TECHNICAL DETAILS | |
|---------------------|---|
| Length | 122 m |
| Beam | 14.4 m |
| Displacement (t) | 3300 t |
| Draught (m) | 6.2 |
| Combat Data Systems | CAMS/Force Vision Guardian CMS, Link 11/16/22, SATCOMS |
| Missiles | SSM, 8 Harpoon Block 1C; SAM, MK 48 16 cell VL, 16v RIM 7P Seasparrow |
| Guns | Oto Melara 76mm/62, Signaal Goalkeeper CIWS, 2 x 12.7 mmMGs, 2 x 7.62 MS |
| Torpedo's | 4 x 324 mm Mk32 Mod 9 twin tubes |
| Countermeasures | ESM/ECM Thales APX and 4x SRBOC Mk 36 IR/Chaff, SLQ Nixie towed torpedo decoy |
| Radars | Smart S long-range 3D radar, LW08 long-range surveillance radar, SeaWatcher 100 active phased array surface detection and tracking radar (NLD and BE ships only), Thales Scout radar, STIR 1.8, GateKeeper Electro-optical 360° surveillance system (NLD and BE ships only) |
| Sonar | PHS-36 hull-mounted sonar, Anaconda DSBV 61 VLF passive tactical towed array sonar and ULTRA Electronics Multi-static Low Frequency Active Passive Sonar (NLD ships only) |
| Helicopter | 1 x NH90 |