# DDE 261 Mackenzie - 1991 DELEX

## Canada



Type: DE - Destroyer Escort
Max Speed: 28 kt
Commissioned: 1991
Decommissioned: 1993
Length: 111.6 m
Beam: 12.8 m
Draft: 4.3 m
Crew: 228
Displacement: 2450 t
Displacement Full: 2880 t
Propulsion: 2x Babcock & Wilcox Boilers, 2x English Electric Geared Steam Turbines

Sensors / EW:
- CA/SRD-501 HF/DF [Telegon 4] - ESM, HF/DF, Max range: 55.6 km
- CA/SQS-505(V)1 - (Limbo Director) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Mortar Fire Control, Max range: 29.6 km
- CA/SQS-502 [Type 170] - (Limbo Director) Hull Sonar, Active-Only, Hull Sonar, Active-Only Mortar Fire Control, Max range: 1.9 km
- CA/SQS-501 [Type 162 Cockshafer] - (Limbo Director) Hull Sonar, Active-Only, Hull Sonar, Active-Only Bottom Profiler, Max range: 0.7 km
- CA/SPS-502 [AN/SPS-10] - (Limbo Director) Radar, Radar, Surface Search & Navigation, Max range: 74.1 km
- Sperry Mk.127E - (Limbo Director) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- AN/SPG-48 [Mk69 GFCS] - (Limbo Director) Radar, Radar, FCR, Weapon Director, Max range: 31.5 km
- AN/SPS-12 - (Limbo Director) Radar, Radar, Air Search, 2D Medium-Range, Max range: 203.7 km
- AN/WLR-1C - (AN/SLQ-26) ESM, ELINT, Max range: 926 km
- CA/UPD-501 ESM - (1952-1998) ESM, ELINT, Max range: 926 km

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Weapons / Loadouts:
- 76mm/50 Twin Frag Burst [2 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.
- 76mm/50 Twin HE Burst [2 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.
- Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.
- AN/SLQ-25 Nixie - Decoy (Towed). Surface Max: 1.9 km.
- 76mm/70 Mk6 Twin HE Burst [2 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.