

DDH 280 Iroquois TRUMP [Tribal Class] - 2002

Canada

Type: DDG - Guided Missile Destroyer

Max Speed: 27 kt

Commissioned: 2002

Length: 128.8 m

Beam: 15.2 m

Draft: 4.7 m

Crew: 292

Displacement: 4450 t

Displacement Full: 5100 t

Propulsion: 2x General Motors Allison 570KF

Gas Turbines, 2x Pratt & Whitney FT4-A2 Gas

Turbines, COGOG



Sensors / EW:

- CA/SQS-505(V)4 - (TRUMP) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 29.6 km
- CA/SQS-505(V)5 [SQA-502 Hoist] - (TRUMP) VDS, Active/Passive Sonar, VDS, Active/Passive Variable Depth Sonar, Max range: 29.6 km
- CA/SLQ-501 CANEWS - (1985) ESM, RWR, Radar Warning Receiver, Max range: 370.4 km
- Goalkeeper Tracker [Radar] - (Group) Radar, Radar, FCR, Weapon Director, Max range: 11.1 km
- LIROD-8 [Optronic] - (Group) Visual, Visual, Weapon Director TV Camera, Max range: 148.2 km
- Pathfinder 1650 - (Group) Radar, Radar, Navigation, Max range: 37 km
- CA/SPQ-501 [DA.08/1] - (Group) Radar, Radar, Air & Surface Search, 2D Medium-Range, Max range: 185.2 km
- CA/SPQ-502 [LW.08] - (Type 1022) Radar, Radar, Air Search, 2D Long-Range, Max range: 333.4 km
- CA/SPG-501 STIR 1.8 [Radar] - (SM-2, STIR 180) Radar, Radar, FCR, Surface-to-Air & Surface-to-Surface, Short-Range, Max range: 59.3 km
- CA/SPG-501 STIR 1.8 [LLTV] - (STIR 180) Visual, LLTV, Target Tracking and Identification, Max range: 185.2 km
- CA/SRD-503 HF/DF [SwRi] - (STIR 180) ESM, HF/DF w/ OTH Targeting, Max range: 926 km
- CA/SLQ-503 RAMSES [ECM] - (Scimitar) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km

Weapons / Loadouts:

- 76mm/62 Super Rapido HE Burst [2 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.
- Plessey Shield Flare - Decoy (Expendable). Surface Max: 1.9 km.
- Plessey Shield Chaff - Decoy (Expendable). Surface Max: 1.9 km.
- 20mm/85 Mk15 Phalanx Blk 1 Burst [300 rnds] - Gun. Air Max: 1.5 km.
- Mk46 NEARTIP Mod 5 - (1984) Torpedo. Subsurface Max: 7.4 km.
- RIM-66M-1 SM-2MR Blk III - (1991, AEGIS VLS) Guided Weapon. Air Max: 92.6 km. Surface Max: 46.3 km.
- RIM-66M-2 SM-2MR Blk IIIA - (AEGIS VLS) Guided Weapon. Air Max: 166.7 km. Surface Max: 46.3 km.
- AN/SLQ-25 Nixie - Decoy (Towed). Surface Max: 1.9 km.

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- Mk234 Nulka - (2002) Decoy (Expendable). Surface Max: 1.9 km.

These ships were originally designed as multi-purpose destroyers; in June 1986 they were selected for the TRUMP (Tribal Update & Modernization Program) which completely shifted their focus to AAW. The refit was quite extensive, involving major weapons, sensors, structure, and electronics changes. The “v” funnels were replaced by a single stack. During the refits the ships were also NBC-sealed. Algonquin completed in 1991, Iroquois in 1992, and Athabaskan in 1994. Although Huron was intended to serve until 2015, cutbacks in the navy’s budget forced her premature retirement.

Original Author: Jason W. Henson