

# FF 150 Jose Rizal [Modified Incheon Class] - 2020 FFBNW VLS / CIWS / CAPTAS-2

## Philippines

Type: FFG - Guided Missile Frigate

Max Speed: 25 kt

Commissioned: 2020

Length: 107.5 m

Beam: 13.8 m

Draft: 6.9 m

Crew: 65

Displacement: 2600 t

Displacement Full: 3300 t

Propulsion: 4x MTU-STX 12V1163-TB93

Diesels

### Sensors / EW:

- TRS-3D/32 - (Naval TRM-S 3D) Radar, Radar, Air & Surface Search, 3D Medium-Range, Max range: 185.2 km
- SharpEye [F-Band] - (Naval TRM-S 3D) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- SharpEye [I-Band] - (Naval TRM-S 3D) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- RTN-25X (Orion 25X) [Radar] - (Group, NA-25 FCS) Radar, Radar, FCR, Weapon Director, Max range: 37 km
- RTN-25X (Orion 25X) [TV Camera] - (Group, NA-25 FCS) Visual, Visual, Weapon Director TV Camera, Max range: 74.1 km
- RTN-25X (Orion 25X) [IR] - (Group, NA-25 FCS) Infrared, Infrared, Weapon Director Camera, Max range: 0 km
- RTN-25X (Orion 25X) [Laser Rangefinder] - (Group, NA-25 FCS) Laser Rangefinder, Laser Rangefinder, Max range: 20 km
- Model 997 - (Harris) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 29.6 km
- Paseo NS [MWIR] - (Basic) Infrared, Infrared, Weapon Director & Target Search, Tracking and Identification Camera, Max range: 185.2 km
- Paseo NS [TV Camera] - (Basic) Visual, Visual, Weapon Director & Target Search, Tracking and Identification TV Camera, Max range: 97.2 km
- Paseo NS [Laser Rangefinder] - (Basic) Laser Rangefinder, Laser Rangefinder, Max range: 14.8 km
- NS-9300A - (Basic) ESM, ELINT, Max range: 926 km

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### 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.
- 30mm Bushmaster II HE Burst [20 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km. Land Max: 2.8 km.
- SSM-700K Hae Sung I - (2007, South Korea) Guided Weapon. Surface Max: 148.2 km.
- Mistral 1 - (1991, Director) Guided Weapon. Air Max: 5.6 km.
- K-745 Blue Shark [Chung Sang Eo] - (South Korea, 2008, ASW, Chung Sang Eo) Torpedo. Subsurface Max: 5.6 km.
- 12.7mm/50 MG Burst [10 rnds] - (Facility/Ship, No Anti-Air Capability) Gun. Surface Max: 1.9 km. Land Max: 1.9 km.

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- Generic Chaff Rocket - (Ship-only) Decoy (Expendable). Surface Max: 1.9 km.
- Mk245 GIANT Flare - (1997, DM19A1) Decoy (Expendable). Surface Max: 1.9 km.