

## Type 052 Luhu [112 Harbin] - 1999

### China

Type: DDG - Guided Missile Destroyer

Max Speed: 31 kt

Commissioned: 1999

Length: 148.0 m

Beam: 15.6 m

Draft: 7.5 m

Crew: 230

Displacement: 4800 t

Displacement Full: 5700 t

Propulsion: 2x MTU 12V 1163 TB83 Diesels,

2x General Electric LM-2500 Gas Turbines,

CODOG



### Sensors / EW:

- Crotale TV Tracker - (Group, Crotale FCR, Castor III?) Visual, Visual, Target Tracking and Identification TV Camera, Max range: 74.1 km
- China Type 345 [Radar] - (Crotale) Radar, Radar, FCR, Surface-to-Air, Short-Range, Max range: 29.6 km
- Piranha [IR] - (Castor III) Infrared, Infrared, Target Tracking and Identification Camera, Max range: 148.2 km
- China Type 344 - (GFCR, 100mm, MR-34) Radar, Radar, FCR, Weapon Director, Max range: 27.8 km
- DRBV 15 Sea Tiger [TRS 3001] - (GFCR, 100mm, MR-34) Radar, Radar, Target Indicator, 2D Surface-to-Air & Surface-to-Surface, Max range: 133.3 km
- China Type 341 Rice Lamp - (37mm) Radar, Radar, FCR, Weapon Director, Max range: 37 km
- DE 1160B [DE 1164 Integrated Suite] - (DE 1160 Hull + DE 1163 VDS) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 9.3 km
- DE 1163 VDS [DE 1164 Integrated Suite] - (DE 1160 Hull + DE 1163 VDS) VDS, Active/Passive Sonar, VDS, Active/Passive Variable Depth Sonar, Max range: 9.3 km
- China Type 362 - (ESR-1, SR-47A) Radar, Radar, Target Indicator, 2D Surface-to-Air & Surface-to-Surface, Max range: 74.1 km
- China Type 518 Sea Eye - (Hai Ying, REL-1) Radar, Radar, Air Search, 2D Medium-Range, Max range: 277.8 km
- China Type 775 [LLVT] - (Group, Surveillance-Only, GDG-775) Visual, LLTV, Surveillance Camera, Max range: 55.6 km
- China Type 775 [RO Radar] - (Group, Surveillance-Only, GDG-775) Radar, Radar, Range-Only (RO), Max range: 14.8 km
- China Type 775 [Laser Rangefinder] - (Group, Surveillance-Only, GDG-775) Laser Rangefinder, Laser Rangefinder, Max range: 0 km
- China Type 775 [IR] - (Group, Surveillance-Only, GDG-775) Infrared, Infrared, Surveillance Camera, Max range: 55.6 km
- China Type 826 - (HZ100, Assoc w Type 984/985 Jammer) ESM, ELINT, Max range: 222.2 km
- China Type 984 [ECM] - (RAMSES) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- China Type 984 [RWR] - (RAMSES) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km

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### Weapons / Loadouts:

- China Type 65 ASW Rocket Salvo [6 rnds] - Rocket. Subsurface Max: 1.9 km.
- 100mm/56 Twin PJ33A Frag Burst [2 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.
- 100mm/56 Twin PJ33A HE [2 rnds] - Gun. Air Max: 2.8 km. Surface Max: 11.1 km. Land Max: 11.1 km.
- Yu-7 - (China, 1998?) Torpedo. Subsurface Max: 3.7 km.
- Generic Chaff Rocket - (Ship-only) Decoy (Expendable). Surface Max: 1.9 km.
- HQ-7 Crotale [FM-80] Naval - (China, 1990, CSA-4) Guided Weapon. Air Max: 9.3 km. Surface Max: 9.3 km.
- YJ-8A [C-801] - (China, 1993) Guided Weapon. Surface Max: 46.3 km.
- 37mm/63 Twin Burst [20 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km.