Type 052 Luhu [113 Qingdao] - 2004 YJ-83, 100mm Upgr

China

Type: DDG - Guided Missile Destroyer

Max Speed: 31 kt

Commissioned: 2004

Length: 144.0 m

Beam: 16.0 m

Draft: 5.1 m

Crew: 266

Displacement: 4200 t

Displacement Full: 4800 t

Propulsion: 2x MTU 12V 1163 TB83 Diesels, 2x Zorya-Mashproekt DA80 Gas Turbines, CODOG

Sensors / EW:
- Decca 1290 Master - Radar, Radar, Surface Search & Navigation, Max range: 37 km
- DRBV 15 Sea Tiger [TRS 3001] - Radar, Radar, Target Indicator, 2D Surface-to-Air & Surface-to-Surface, Max range: 133.3 km
- China Type 362 - (Type 347S, ESR-1, SR-47A, MR-36) Radar, Radar, Target Indicator, 2D Surface-to-Air & Surface-to-Surface, Max range: 120.4 km
- China Type 518 Sea Eye - (Hai Ying, REL-1) Radar, Radar, Air Search, 2D Medium-Range, Max range: 277.8 km
- Crotale TV Tracker - (Group, Crotale FCR, Castor IIJ?) 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 IIJ) Infrared, Infrared, Target Tracking and Identification Camera, Max range: 148.2 km
- China Type 344 - (GFCR, 100/130mm, MR-34) Radar, Radar, FCR, Weapon Director, Max range: 27.8 km
- China Type 347G Rice Bowl - (37mm, EFR-1) Radar, Radar, FCR, Weapon Director, Max range: 37 km
- China H/SJD-9 [DUBV 23] - (Luda III, Luhu) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 14.8 km
- China H/SJD-8 [DUBV 43] - (Luda III, Luhu, , EES-1) VDS, Active/Passive Sonar, VDS, Active/Passive Variable Depth Sonar, Max range: 14.8 km
- Rapids [Improved Sphinx] - (Luda III, Luhu, , EES-1) ESM, ELINT, Max range: 926 km
- China Type 984-1 [ECM] - (RAMSES Copy) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- China Type 984-1 [RWR] - (RAMSES Copy) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km

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Weapons / Loadouts:
- 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.
- 37mm/63 Twin Burst [20 rnds] - Gun. Air Max: 1.9 km. Surface Max: 2.8 km.

- HQ-7 Crotale [FM-80] Naval - (China, 1990, CSA-4) Guided Weapon. Air Max: 9.3 km. Surface Max: 9.3 km.
- YJ-83 [C-802A, CSS-N-8 Saccade] - (1999) Guided Weapon. Surface Max: 185.2 km.
- Yu-7 - (China, 1998?) Torpedo. Subsurface Max: 3.7 km.
- FQF-2500 Anti-Torpedo Depth Charge Salvo [12 rnds] - Depth Charge. Subsurface Max: 1.9 km.
- Generic Chaff Rocket - (Ship-only) Decoy (Expendable). Surface Max: 1.9 km.
- Mk182 SRBOC Chaff [Seduction] - (1979) Decoy (Expendable). Surface Max: 1.9 km.
- Mk186 TORCH Flare [Seduction] - (1979) Decoy (Expendable). Surface Max: 1.9 km.