# FF 1052 Knox - 1977 Sea Sparrow Mk29, AN/SQS-35, Harpoon, FF 1070

## United States

Type: FF - Frigate

Max Speed: 27 kt

Commissioned: 1977

Decommissioned: 1984

Length: 133.5 m

Beam: 14.4 m

Draft: 7.6 m

Crew: 285

Displacement: 3800 t

Displacement Full: 4260 t

Propulsion: 2x Combustion Engineering V2M

Boilers, 1x Westinghouse Steam Turbine

Sensors / EW:

- AN/WLR-3 - (RWR for AN/WLR-1) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- Mk95 [EO] - (Mk6 Mod 0, Mk91 FCS) Visual, Visual, Target Tracking and Identification TV Camera, Max range: 148.2 km
- Mk95 [Radar] - (MFCR, Mk91 FCS) Radar, Radar Illuminator, Medium-Range, Max range: 118.5 km
- AN/SQS-26CX - (1969, California, Knox) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 64.8 km
- AN/SPG-53F [Mk68 GFCS, Radar] - (Group) Radar, Radar, FCR, Weapon Director, Max range: 111.1 km
- AN/SPG-53F [Mk68 GFCS, Visual] - (Group) Visual, Visual, Weapon Director TV Camera, Max range: 74.1 km
- AN/SPS-53 - (1967, AN/SPS-60) Radar, Radar, Surface Search & Navigation, Max range: 37 km
- AN/SPS-58 - (BPDMS, MPDR-45, AN/SPS-65) Radar, Radar, Target Indicator, 2D Surface-to-Air & Surface-to-Surface, Max range: 64.8 km
- AN/ULQ-6C - (AN/SLQ-26) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- AN/WLR-1C - (AN/SLQ-26) ESM, ELINT, Max range: 926 km
- AN/SQS-35 - (AN/SLQ-26) VDS, Active Only Sonar, VDS, Active-Only Variable Depth Sonar, Max range: 11.1 km

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Weapons / Loadouts:

- RIM-7H Sea Sparrow - (1976, Mk29) Guided Weapon. Air Max: 14.8 km. Surface Max: 14.8 km.
- 127mm/54 HE-CVT [HiFrag] - (USN) Gun. Air Max: 2.8 km. Surface Max: 20.4 km. Land Max: 20.4 km.
- 127mm/54 HE-PD [HiCap] - (USN) Gun. Air Max: 2.8 km. Surface Max: 20.4 km. Land Max: 20.4 km.
- 127mm/54 WP - (USN) Gun. Surface Max: 20.4 km. Land Max: 20.4 km.
- RUR-5A Mod 4 ASROC RTT [Mk46 Mod 2] - Guided Weapon. Subsurface Max: 18.5 km.
- RUR-5A Mod 3 ASROC RTD [10kT Nuclear DC] - (196x-89) Guided Weapon. Subsurface Max: 18.5 km.
- RGM-84A Harpoon IP - (1977) Guided Weapon. Surface Max: 120.4 km.
- Mk46 LWT Mod 2 - (1972) Torpedo. Subsurface Max: 5.6 km.
- AN/SLQ-25 Nixie - Decoy (Towed). Surface Max: 1.9 km.

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