

## AE 23 Nitro - 1984

### United States

Type: AE - Ammunition Ship

Max Speed: 20 kt

Commissioned: 1984

Decommissioned: 1994

Length: 156.3 m

Beam: 22.0 m

Draft: 8.5 m

Crew: 344

Displacement: 15940 t

Displacement Full: 15940 t

Propulsion: 2x Boilers, 2x Steam Turbines



### Sensors / EW:

- AN/SLQ-32(V)1 [RWR] - (Group, 1980) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- LN-66LP - (AN/SPS-59, 10kW) Radar, Radar, Surface Search, Short-Range, Max range: 59.3 km
- AN/SPS-10B - (AN/SPS-59, 10kW) Radar, Radar, Surface Search & Navigation, Max range: 74.1 km

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### Weapons / Loadouts:

- 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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**OVERVIEW:** The NITRO class AE is a steam-powered Ammunition Ship.

**DETAILS:** The NITRO class AE are specialized underway replenishment ships built after the Second World War, designed to conduct underway replenishment in support of operating forces by simultaneously providing ammunition from 6 stations (2 starboard and 4 port) and stores, fleet freight, mail, personnel and other items.

### Specifications:

Displacement: 10,000 tons (standard), 15,500 tons (full load)

Speed: 18 knts

Engineering: 1 shaft, 2 steam boilers

Range:

Complement: 350

In Commission: 1956-1995

Completed: 8

## **AE 23 Nitro - 1984**

NOTES: Units in class: SURIBACHI (AE 21); MAUNA KEA (AE 22); NITRO (AE 23); PYRO (AE 24); HALEAKALA (AE 25). All ships were modernized in the 1960s with "FAST" high speed transfer equipment, three holds configured for missile stowage and a helicopter platform. The Nitro-class ammunition ships are sometimes considered part of this class.

SOURCES: Moore, John Evelyn. *Jane's Fighting Ships 1987-88*. London: Jane's Pub, 1987, pg. 773 ; "Suribachi-class Ammunition Ship." Wikipedia, the Free Encyclopedia. Accessed April 5, 2015.

[http://en.wikipedia.org/wiki/Suribachi-class\\_ammunition\\_ship](http://en.wikipedia.org/wiki/Suribachi-class_ammunition_ship) ; "AE-11 Mount Hood." GlobalSecurity.org - Reliable Security Information. Accessed April 5, 2015. <http://www.globalsecurity.org/military/systems/ship/ae-21.htm>.