

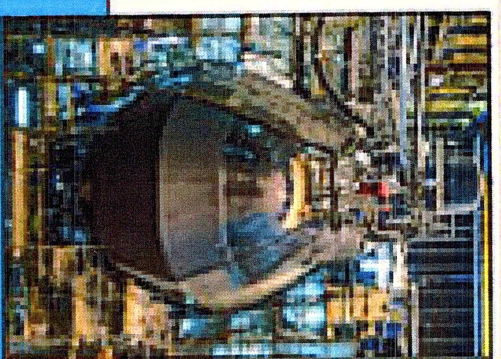


Length: 318ft Width: 36ft
 Height: 12 storeys
 Top speed: In excess of 20 knots, enabling her to travel 500 miles in a day.
 Maximum diving depth: In excess of 500ft
 Crew: 98

PROPULSION: Ultra-quiet multi-bladed propeller which makes less noise than a baby dolphin. Hull is lined with rubber tiles to absorb internal noise.

FUEL: Nuclear reactor powers the sub for full service life of 25 years.

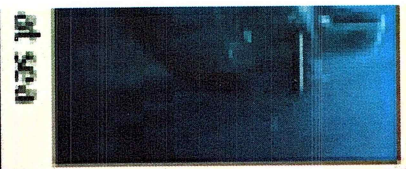
MASTS: Two masts carrying thermal imaging and low-light cameras replace the periscope; they break the surface for just three seconds to give the captain a 360-degree picture. Six other masts service satellite, radar and navigation systems.



CONSTRUCTION: Steel 1 1/2 inches thick, 1 million miles away from the factory. Components are put together in 6,000 tons of Barrow, Alaska, or elsewhere.

SONAR: Detectors in the bow, flank, fin and another towed behind the boat are able to detect large ships up to 3,000 miles away.

Enough food to stay three months. Crew eat 100 sausages and 100 loaves of bread daily. Crew eat breakfast at sea.



AIR AND WATER TREATMENT UNITS: Convert seawater into fresh water and oxygen. Air is purified to remove waste carbon dioxide, hydrogen and carbon monoxide.

GALLEY: Five chefs provide a 24-hour service to the crew.

ACCOMMODATION: One bunk for each crew member and 11 extra bunks for 'passengers' - most likely to be special forces soldiers. Crew have five showers, five toilets, two urinals and eight hand basins.



FIRE POWER: 38 Tomahawk missiles able to hit targets 1,000 miles away; undisclosed number of Spearfish torpedoes.

