

MDD

Maritime Deep Draft Submarine Camel

Approved by the U.S. Navy, the Maritime MDD camel is used to berth all four classes of submarines in the U.S. Fleet. It's robust seal welded tubular steel construction, improved anti-fouling coating, zinc anodes and all 316 stainless steel hardware increase longevity and decrease lifecycle costs. Vertically positioned, rubber arch fenders absorb the energy from berthing submarines and the smaller pier side fenders provide additional energy absorption capacity. The MDD's long body design widely distributes berthing loads to the pier, yet the narrow submarine contact footprint minimizes the risk of contact with the submarine's arrays and appendages during mooring evolutions. Each sealed member is 100% foam filled with closed cell polyurethane foam to reduce corrosion on the interior of the pipes as well as maintain buoyancy of the camel if any flotation tanks are breached. A large composite grating working platform is located on top of the camel. Lifting points are designed in accordance with API-RP 2A and AISC requirements.



