



BIRNS Meridian™ High Amperage Connector Series Launched at Oceanology in London

We made a big splash at Oceanology recently at our Power Forward event, with the celebration of our 70th anniversary, and introduction of 6km rated DNV type approved penetrators, as well as advanced hull penetrators for military subs and new 20,000 psi testing facilities. We also--as the event name suggested--launched an all new high amperage subsea connector series, the 225 Amp [BIRNS Meridian™](#) line.



This robust, custom engineered dry-mate connector series is open face rated to 6km, and is perfect for battery packs and thrusters for crewed and uncrewed subsea vehicles that require high amperage power transfer. BIRNS Meridians are compact and come in several pin configurations, like the M40 configuration with a single 85 square millimeter (3/0 AWG) contact. Both standard and reverse gender versions are featured in the series. All withstand reverse pressure and can be installed into both dry and oil-filled canisters.

[BIRNS Meridian Interconnect Catalog](#)



The new connector line has a number of exclusive design features to create ease of use and mating, including a tactile alignment index ridge and arrows indicating the primary key position. The receptacles also feature a blue color band on the shell, which allows users to have a strong visual indicator that a connector pair has been fully mated.



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BIRNS Quality Management System is AS9100 Certified;
NRC 10CFR50 Compliant
Our Molding Facility is NAVSEA PRO-020 Certified