

S-100 and eNavigation in Australia

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SUMMARY

The International Hydrographic Organization's (IHO) S-100 Universal Hydrographic Data Model framework and its related products and services will become a key enabler to the International Maritime Organization's (IMO) eNavigation strategy. From 2026, Electronic Navigational Charts (ENC) based on the new S-101 Product Specification will start making their way into the bridge of new ships but, they won't be alone. A large number of other S-XXX interoperable products will also be produced by a range of key stakeholders and, together, they will provide richer data content, enable more efficient vessels' route monitoring and route planning functions and transform the way maritime products and services are delivered and used both, onshore and offshore. In this context, the existing ENC products based on the S-57 standard, will continue to exist as a valid navigational product until, at least, 2035-40 and will coexist with S-101 ENCs in what has been called 'Dual Fuel Electronic Chart Display and Information Systems (DF-ECDIS)'. This presentation aims at providing an update on the latest S-100 developments and introducing the audience to the national initiative trying to coordinate the testing, production and dissemination of S-100 products and services in Australia.