Tideland Signal Corporation (Tideland) was the preferred choice by the Commissioners of Irish Lights (CIL). CIL began the process of consolidating their AtoN infrastructure around the Irish Coast. At Dunree this consolidation involved the construction of a new minor AtoN. Tideland designed, supplied, installed, and commissioned a new AtoN in accordance to CIL’s specifications. The supply and installation of a new stand alone AtoN at Dunree Lighthouse consisted of a navigational light and automatic identification system (AIS) AtoN - equipped with Tideland’s ML-300 sectored - AIS KanAtoN supplied by CIL. The GRP Tower was custom designed and consisted of 12 panels, 1 top section with access to the roof, along with a secure door (all in white as to act as a day mark), and stainless steel hand rail and ladder internals.

The lantern is controlled from the internal control panel which was designed by Tideland and will be monitored by the AtoN and report back to the CIL offices. Tideland’s ML-300 sector lantern is the lantern of choice for such applications. This was tested by CIL during installation and approved following a thorough step by step testing procedure.

The order included:
- 4mtr GRP Tower
- ML-300 Sector

**BENEFITS**

- Compatible AtoN to ensure a seamless AIS integration
- Custom-design AtoN products to fit the clients need
- Manufactured to order GRP Tower and control panels
- ML-300 sector lantern is the most efficient injection moulded lens available producing greater required effective intensities from smaller wattage lamps
- 300mm Fresnal lens - the world’s largest single-piece acrylic optic for marine lanterns
Tideland provided product and service solutions customised by client needs and stayed on-budget. This project demanded a reliable partner in which would work diligently and responsibly to ensure aids to navigation (AtoN) equipment was configured to meet the exact requirement of the application selected for this project. Tideland met the requirement and designed products for this project that integrated fully into the systems and kept the project on target for consolidating CIL AtoN infrastructure around the Irish Coast.

Tideland’s reputation to deliver high quality products and service ensures a positive impact to our clients success rate. Our AtoN solutions promote low maintenance, reduced man-power resources and sustainability. Tideland commits to each and every project marine solutions in which will exceed client expectations and improve success rates that promote longevity.

**Project At A Glance**

[Images of GRP concrete foundations and ring, Control Panel, Stainless steel ladder and top hatch, Completed installation of GRP tower, Existing lighthouse with new optic, GRP Tower, Tideland replaced optic]