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## **Tideland Signal launches a recycling service for its range of polyethylene EPS foam filled buoys**

Tideland Signal has been producing rotationally molded polyethylene buoys for 30 years. When they started in the business relatively few of their clients placed a priority on recycling, but now as the oldest buoys are reaching the end of their life cycle and customers have increased the importance placed on environmentally friendly products, Tideland Signal has responded with an innovative recycling service.

As a service to its customers Tideland Signal announced that it is able to provide recycling services, while also offering consulting for larger clients who wish to establish independent recycling contracts.

Tideland Signal's unique two phase manufacturing process of first producing a polyethylene shell, then filling it with expanded polystyrene (EPS), allows for easy separation of the two types of plastics for recycling. Once separated, the materials are reprocessed into items such as pallets and plastic lumber, as well as many other environmentally friendly products.

The program's success is based on the materials Tideland Signal chose for its buoys. The recycling industry has turned EPS and polyethylene from materials that had previously ended their useable life in a landfill into viable long term resources. As the recycling industry continues to grapple with the challenges of recycling multi-part polymers such as polyurethane, and rubber based elastomers, still used in the buoy industry, Tideland Signal's choice of materials and its recycling program are major steps forward in the protection of the mariner and the planet.



Tideland Signal  
Leading the way

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**For additional information regarding Tideland Signal Corporation, Aids to Navigation, and VTS and AIS solutions please contact Clive Quickenden at +1 713-681-6101.  
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