



The Company

Subsea Asset Location Technologies (SALT)Ltd is a 'spin out' company from the Defence Science and Technology Laboratory (Dstl) the research agency of the UK MoD. The company was formed in February 2008 to exploit the commercial demand for the passive acoustic sonar reflector technology developed by Dstl. The SonarBell is commercially available and allows the user to mark underwater equipment to ease relocation. It can be designed to operate with most sonar systems and has a unique calibration and frequency response.

SALT Ltd is a subsidiary of Ploughshare Innovations Ltd (www.ploughshareinnovations.com) the Dstl technology transfer company.



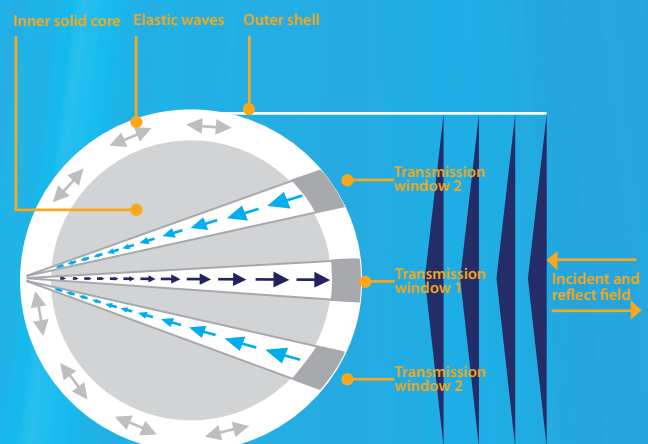
The Product

Having spent many years contributing to military requirements to reduce underwater sonar signatures, the scientists at Dstl turned their knowledge of this area on its head to develop a passive device that was "as loud as possible" when exposed to an incoming signal.

The resulting Intellectual Property led to the development of the SonarBell reflector. In simple terms, the device acts as a lens focusing, and then reflecting back, the highest possible sound signature. In many ways it acts in a similar fashion to a cat's eye reflecting back the light from a car headlight only using sound.

Although "solid state" with no moving parts or power requirements the device is compatible with existing commercial sonar sets and the first product range is already suitable for many applications.

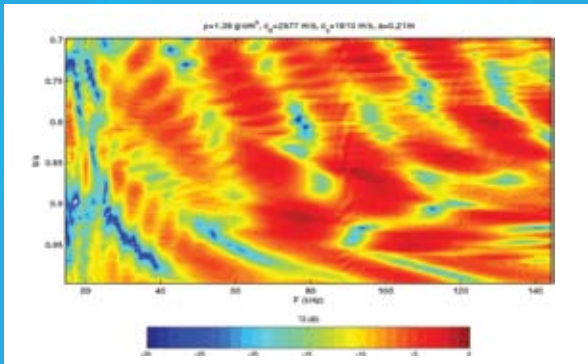
Schematic operation of device





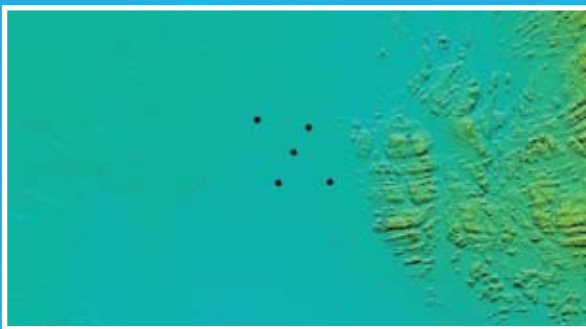
SALT

Subsea Asset Location Technologies Ltd



High quality sonar reflectors backed up by:

- Multiple designs to achieve the signature required
- Inert, stable and completely passive
- Maintenance free
- Long life, low cost

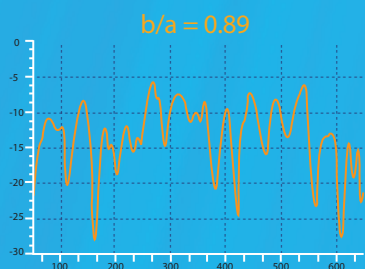
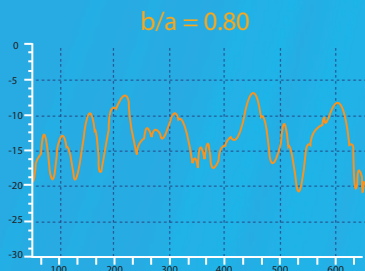
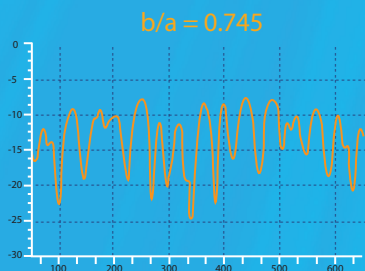


Applications:

- Commercial marking - pipeline, telecoms
- ROV/AUV intervention, pilot orientation

Military:

- Mine locations
- Safe passage marking
- Hydrography/ oceanology



- Environmentally friendly
- Family of units
- Larger units for surface ship/ multi-beam
- Designed to work with all sonars
- Individual calibration
- Low non-acoustic signature

Contact: Carl Tiltman
Office tel: +44(0)1305 820321
Mobile: +44(0) 7500 965444
E-mail: ctiltman@cesalt.co.uk
Web: www.cesalt.co.uk

204 Maritime House, Southwell Business Park, Portland, Dorset, DT5 2NA
Company No 6436264