



METAL RECYCLING CASE STUDY

650TE BUOY

John Lawrie Group is the largest metal recycler and exporter of processed metal in North and North-East Scotland and an experienced member of the decommissioning supply chain. With current strategically located licensed facilities in Aberdeen, Shetland, Evanton and Montrose, and the addition of our new quayside facility in Dundee opening in 2020 bringing our combined annual licensed tonnage to 360,000 tonnes, John Lawrie Decom is your decommissioning partner of choice.

Highlights

Client:	Bluewater
Field:	Etrick and Blackbird, Central North Sea
Port:	Nigg Energy Park, Tain
Project:	Turret Buoy decommissioning
Tonnage:	650Te
Recycling Rate:	100%

Project Summary

Measuring 11m in diameter at its base and 12.5m in height, the Disconnectable Turret Buoy (DTB) had been a key part of the subsea infrastructure of the Etrick and Blackbird fields.

Under the terms of the field decommissioning programme it was decided that the 650Te DTB would be returned to shore for redeployment or recycling. With no alternative use identified, it was landed at Nigg Energy Park and craned onto the quayside for dismantling, with John Lawrie carrying out the project onsite.

The conical steel structure was dismantled manually by John Lawrie's decom team over a three-week period using oxy-propane hot-cutting equipment. Mobile elevated working platforms enabled workers to access higher parts of the DTB, which was cut into sections that were craned to the ground. As with all decommissioning and deconstruction jobs, a full HSEQ risk assessment and method statement documentation were completed for client approval prior to any work commencing.

All of the metal was processed at the quayside to ESSS standard, before being exported to European steel mills for recycling into new steel products, delivering significant environmental benefits.

OUR DECOMMISSIONING CAPABILITIES:

 <p>Onshore decommissioning service</p>	 <p>Piece small to medium items</p>	 <p>Access to quayside dismantling facilities</p>
 <p>Size reduction service at quayside</p>	 <p>Excellent track record</p>	 <p>Reuse & recycling specialists</p>
 <p>Recycling subsea infrastructure</p>	 <p>Licensed waste treatment facilities throughout Scotland</p>	 <p>Skilled & mobile workforce</p>
 <p>In-house HSEQ support service</p>	 <p>Documented safety management system OHSAS 18001:2007</p>	 <p>Accredited ISO 14001 & 9001 management systems</p>

Provision of specialist trucks, lifting and cutting equipment and a fully mobile, well-trained workforce as well as a highly innovative approach to project management and logistics means decisions are made quickly and jobs expedited efficiently. Our in-house HSE function includes method statements/risk assessments, training & competences.

We have a long established and experienced hands-on management team in place and a proven track record in managing, handling and processing a large number of decommissioning projects.

