



## METAL RECYCLING CASE STUDY

# SUBSEA RISER BASES

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:	Maersk Oil
Field:	Gryphon Field, Northern North Sea
Port:	Montrose Port, Angus
Project:	Downsizing and recycling of subsea riser bases
Tonnage:	393Te
Recycling Rate:	98.92%

### Project Summary

Four subsea riser bases from the Gryphon Field were brought ashore at Montrose Port for decommissioning, which involved the removal of concrete, size reduction and material recycling.

The riser bases consisted of a heavy steel sectional base frame, onto which steel struts were fitted that supported the ends of the flexible risers. Each riser base was filled with a very dense concrete. After the steel struts and pipe ends were removed from the base frames, the concrete was broken out of the steel sections using excavators fitted with concrete breaker heads.

The steel sections were cut into transportable lengths and all materials were transported offsite for full processing and recycling. John Lawrie Group carried out the work at the Angus port over a five-day period, and recycling rates of 98.92% were achieved.

Maersk's Project Safety and Environmental team worked closely with all of the relevant parties involved in daily site inspections and safety conversations, resulting in an incident free operation.

## OUR DECOMMISSIONING CAPABILITIES:

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

