



## **Project Data Sheet**



**Project**

Estuary channel deepening to port of Londonderry

**Client**

Londonderry Harbour Commissioners, Northern Ireland  
In association with WS Atkins.

**Project**

ADBP prepared and supervised a contract for 14km channel deepening to 8.0m below Chart Datum through Lough Foyle, Northern Ireland. Also, prepared and supervised were ancillary contracts for hydrographic survey, ground investigation, mathematical modelling, environmental monitoring and archaeological investigations. Other work included:

- Ground investigations carried out by combination of marine boreholes, vibro-coring and grab sampling.
- Hydrographic surveys carried out by side-scan sonar, single and multi-beam echo sounding.
- Environmental monitoring by fixed and mobile sensors.
- Mathematical modelling by Danish Hydraulic Institute.
- Dredging by combination of 6000m<sup>3</sup> and 3500m<sup>3</sup> Trailing suction hopper dredgers, 5m<sup>3</sup> grab dredger and large plough/bed-leveller.

**Dates**

Project completed 1995 on time and within budget.

**Capital Value**

£3 million