



## COOPERATIVE BULK HANDLING - Esperance Port Grain Terminal

LOCATION	DURATION	VALUE	MAN HOURS
Esperance, WA	1999 - 2000	\$8 million	60,000

### Project Overview

ECM, Transfield Services and terminal owner CBH Limited (CBH) worked as an integrated team to design, construct and upgrade facilities at CBH's Esperance Port Grain Terminal.

The contract included the installation of ten 6,000 tonne steel grain storage silos that doubled the size of the terminal, providing a total storage capacity of more than 240,000 tonnes, allowing grain to be offloaded onto ships at a rate of 2,500tph. In addition to the installation of a shiploader circuit capable of loading Panamax Class Ships, conveyors, bulk elevators, dust control systems, mechanical instrumentation and electrical control systems were also enhanced.

The Esperance Grain Terminal received approximately 35 per cent of WA's grain via road, and following the upgrade of the Esperance Terminal, a new record of 66,333 tonnes was achieved which was loaded onto the Nemea not long after project completion.

### Scope of Work

- Installation of in loading and out loading equipment including conveyors, bulk elevators and shiploader circuit.
- Testing and commissioning of all equipment and systems for the facility upgrade.