

# PORTS AND TERMINALS



## BRISTOL PORT COMPANY GRAIN EXPORT TERMINAL

At the mouth of the Bristol Channel on the Severn Estuary is The Bristol Port Company which operates within the Avonmouth and Portbury complex and is where the Grain Export Terminal designed and constructed by T H WHITE Projects in 1993 is located.



**T H WHITE**  
**PROJECTS**



# BRISTOL PORT COMPANY

**High capacity grain handling & storage solution enhances operational capabilities ...**



**THE BRISTOL  
PORT COMPANY**

## PROJECTS CAPABILITIES

To develop a technical and commercially acceptable system solution T H WHITE Projects have been able to utilise available resource from their vast depth of knowledge and experience indicated in the capability schedule.

- Land survey & study
- Conceptual phased approach
- Planning assistance / consultation
- Principal designer / contractor
- Design & build contract
- Detailed engineering solutions
- Procurement / fabrications
- Project management / documentation
- System automation & controls
- Mechanical & electrical installation
- Commissioning & handover
- After sales service & support

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## GRAIN TERMINAL ENHANCES BUSINESS OPPORTUNITIES

The growth at Portbury and the development of land within its confines led The Bristol Port Company to proceed and build the Grain Export Terminal. The contract was awarded to T H WHITE Projects for the design and construction of the new facility which apart from some 6000 tonnes of grain storage would have a high capacity road intake system to feed directly into the terminal or indeed the option of straight to ship in conjunction with the feed from the silos resulting in a potential 1500 – 2000tph capability.

## TERMINAL PROCESSING & STORAGE FACILITIES

### Control Room/Sampling

Automated System

### Twin Road Intake

Drive Through Enclosure

Weighbridges

Dust Extraction/Filtration

2 x 600tph Intake

### Holding Silo Storage

4 x 1500t

Hopper Silos

Latticed Catwalks

Level Monitoring

Ventilation

Fast Fill/Empty

### Bulk Materials Handling

Dual System to Silos

Chain / Belt Conveyors

Belt & Bucket Elevators

Access/Support Tower

Under Silo Belt Conveyors

Connections / Structures



**Getting the best  
from machinery,  
land and buildings  
since 1832.**

**T H WHITE  
PROJECTS**