

## CASE STUDY

# Ultra-Fast Water System

**FERRIER**  
PUMPS



## Montrose Port Authority (MPA) has invested in the most efficient quayside water supply system on the east coast of Scotland.

The storage to quayside supply line delivers an impressive 280 tonnes per hour of potable water for ships berthed at Montrose.

The system will allow a minimum of 90 tonnes water supply to three ships simultaneously which we believe is unrivalled on the east coast of Scotland.

The investment is part of a continued commitment by MPA to offer the marine sector a one stop, rapid turnaround quality service.



START DATE

**March 2015**



PROJECT PERIOD

**10 Months**



CLIENT

**Montrose  
Port  
Authority**

FLOW FURTHER.

## CASE STUDY

# Ultra-Fast Water System

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## Project Specifics

The system was designed and constructed by Ferrier Pumps.

The project consisted of an extensive site survey and design; the removal of a redundant pump system; the supply, installation and commissioning of Duty/Assist/Assist variable speed booster sets with vertical multistage pumps and the supply, installation and commissioning of an ultrasonic level measurement system and electro-magnetic flowmeter.

The new system provides a highly reactive, high volume ships water supply system that fully meets the requirements of both current and prospective shipping clients.

## Scope of Works

- Site survey & design
- Removal of redundant pump system
- Supply, install & commission duty/assist/assist variable speed booster sets with vertical multistage pumps
- Supply, install & commission ultrasonic level measurement system & electro-magnetic flow meter

FLOW FURTHER.