Bulk carrier discharging control system
The main task of bulk carrier discharging control system is to control and monitor operating parameters of the belt conveyors system and other equipment used for unloading ore from the bulk carrier. The system has capability of measuring the amount of the discharged material, as well as the possibility of coupling it with unloading calculator and ballast system.

The system consists of PLC processing units working in a centralized or distributed control structure and any number of graphic operator interfaces distributed over any distance.

The system provides the ability to work both in a fully automatic mode or in manual mode.

MPL Techma provides the opportunity to develop a system both for newly built vessels as well as a retro-fits of old systems. We also provide service and maintenance of existing systems.

In addition to stationary graphic LCD touch terminals, it is possible to use portable handy type, compact graphic LCD touch terminal in demage resistant case with flexible cable for connection with any location of the deck of the vessel (e.g., on the main deck) so that the operator can conveniently control the process.
Bulk carrier discharging control system

CONTROL DESK

CHIEF'S CABIN

OPENED DECK

LOCAL CONTROL PANEL

SUBSTATION PANEL

4 & 5

ETHERNET

PLUG BOX 1

PLUG BOX 2

ETHERNET

ETHERNET

ETHERNET

ETHERNET

ETHERNET

MELSEC RS422

ETHERNET

PLC MITSUBISHI ELECTRIC

DIGITAL INPUT/OUTPUT SIGNALS

REMOTE CONTROL PANEL

REPEATER

On time Description
11:29.169 HP 1 LOCAL CONTROL
We cooperate with:

We fulfill the requirements of the leading classification societies:

MPL Techma Ltd
96/98 Al. Zwycięstwa str.
81-451 Gdynia, POLAND
marine@mpltechma.pl
www.mpltechma.pl