

VALVE  
CONTROL  
SYSTEM

KEI

KEI pride the biggest delivery records in the world.

# VALVE CONTROL SYSTEM



VALVE  
CONTROL  
SYSTEM

**The biggest delivery record  
(Computer control and valve)**

■ **Large improvement of the safety**

Unnecessary opening and shutting operation are prevented by locking on to important valves beforehand. And, include an FAIL SAFE function for prevention of water hammer.

■ **Simple operation**

Valves and pumps are operated with dynamic function key not to cause an operation error.

■ **Include the automatic heel control function.**

Automatic heel control that indispensable to the cargo work of the containership is carried out highly precise.

■ **Easy Situation grasp.**

The colors of the pipelines are changed by a valve open and pump start. By this, the cargo situation can be confirmed at a glance.

■ **Prepare multi operation places**

Valve operation can be available in any place by LCD screen and AGU. It is connected directly with LAN in the ship.

■ **More safety in dual computers.**

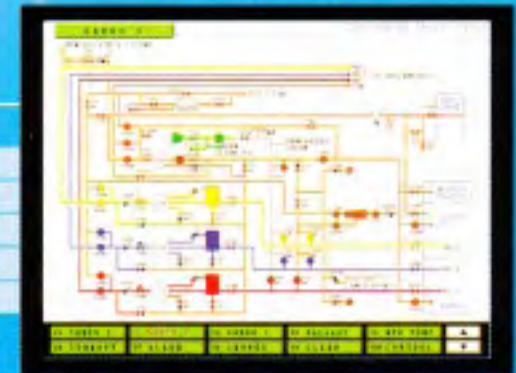
High reliability system is composed by the dual of the main computer.

■ **Hardcopy of all the screens shall support a report making.**

A color or a monochromatic printer can make hardcopy of a LCD screen. A report can be made easily with attachment of hardcopy.

**CARGO CONTROL ROOM**

[ Display ]



It is easy to confirm with the changing colors of the pipelines by a valve open and pump start.



Mouse



Keyboard

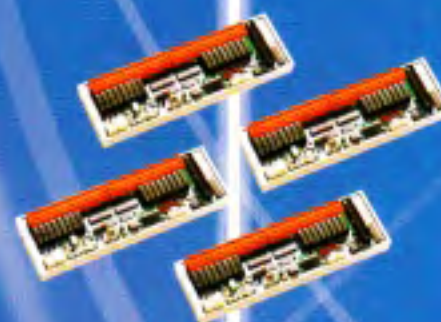


Main Computer



Compact Flash disk

Possible to keep Event data in a Compact Flash disk.



Cargo / Ballast pump



Electric valve

# CONTROL SYSTEM

ards in the world.  
ve control system)



[ Display ]

The automatic heel control indispensable to container cargo is incorporated.

Keyboard Mouse

Ethernet

Easy to connect directly to LAN in the ship.

A report can be made easily by hardcopy of all the screens.

W/H

A captain's room

NOTE PC

Valve operation at several places and situation grasp is available.

1st officer's room

NOTE PC

Loading computer

Dynamic tank data can be used to hull strength calculation in real time.

Intelligent I/O interface

Directly connect with all kinds of valve, tank, level meter and pump. Total cost could be largely eliminated.

Level sensor/Air purge type

# Display Example

