SSCLS

Ship Shore Communication Link System



Main Cabinet Components & Speci

1 Main Cabinet Components

Main Display Module	Fiber Optic Module	Electric System Module	System Select Module	Power Supply Module
· Display - 15″ Touch LCD · Industrial PC with Windows XPE · System Monitoring and AWS · CAN Communication · Control Software Up date Support	· Sub Display - 7″ Touch LCD · 3 voice and 1 data channels · 1 ESD channel · FDM modulation	· Sub Display - 7″ Touch LCD · AWS function · ESD alarm	· FOM / ESM Select · Alarm interface to DCS	· Main power supply · Redundancy power control

2 Telephone Signal Specification

· Three voices and one data multiplexed telecom channel.
· **Transmission Scheme :** Fiber-optic, Full duplex, BSB (Both Side Band)
· **Channel no :** 4 Channel
· **Modulation Scheme :** Frequency shift method (Carrier frequency ±2.6kHz)
· Telephone & MLM Frequency allocation.

	Channel	Shore -> Ship	Ship -> Shore
1	MLM	18 kHz	78 kHz
2	Hotline Phone	30 kHz	90 kHz
3	Public Phone	42 kHz	102 kHz
4	PABX	54 kHz	114 kHz

ification

Distributed Control System

Several independent function controllers are connected by CAN interfaced network.

- Overall system reliability is intact even when some components are faulty during operation.
- Modular design for facilitation in future system expansion.
- Applying functional redundancy.

Self-Diagnostics

Intrinsic self-diagnostic function for each component with controllers.

Auto Wiring

Electrical pin connections are automatically selected by simple choosing of port/terminal name.

Perfect Compatibility

Easy User Interface

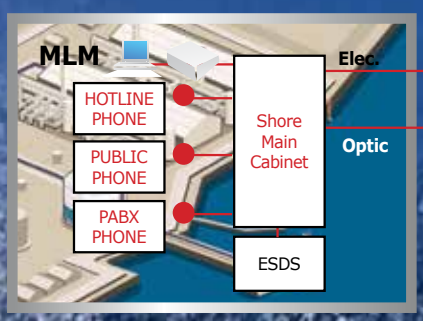
Easy to operate and to control system with intuitive touch LCDs.

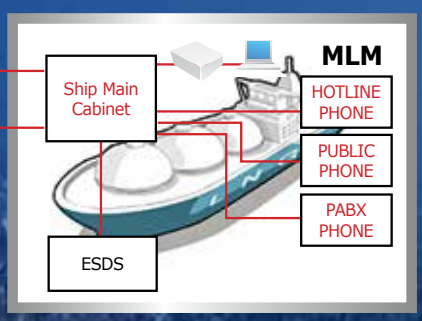
- Provide three touch LCDs.
- If one touch LCD is faulty, user can use other LCDs as a replacement.
- Slave LCD can be used in separately main cabinet.

3 ESD Signal Specification

-Normal safe frequency Rx/Tx
10kHz ±10%
-Normal ESD frequency Rx/Tx
5kHz ±10%

SSCS System





DAEYANG

REFERENCE LIST

	Shipbuilder	Hull No.	Product	Ship Name	Ship Type	Operator	Delivery
	Hyundai Heavy Industries	H2584	SSCLS	ADAM LNG	LNG Tanker	Oman Shipping	2014
	Daewoo Shipbuilding & Marine Engineering	H2447	SSCLS	FLEX ENDEAVOUR	LNG Tanker	Triple H No 3	2018
	Daewoo Shipbuilding & Marine Engineering	H2448	SSCLS	FLEX ENTERPRISE	LNG Tanker	Hyundai Glovis	2018

DAEYANG QR Code
You can see more detailed information about our products take a QR.

DAEYANG ELECTRIC

HEAD OFFICE , LIGHTING DIVISION
245 Jangpyeong-ro,
Saha-gu, Busan, Korea
Tel. 82-51-200-5213, 5214, 5284, 5315
Fax. 82-51-200-5210, 5310

SI DIVISION
45-16 Noksansandan 261-ro 14beon-gil, Gangseo-gu,
Busan, Korea
Tel. 82-51-200-5401~5408
Fax. 82-51-204-1991

SENSOR DIVISION
16 Venture-ro 100beon-gil,
Yeonsu-gu, Incheon, Korea
Tel. 82-32-830-5515
Fax. 82-32-830-5509

R&D CENTER
45-10 Noksansandan 261-ro 14beon-gil, Gangseo-gu,
Busan, Korea
Tel. 82-51-200-5462, 5485
Fax. 82-51-200-5499

Central R&BD Centre
36, Magokjungang 14-ro,
Gangseo-gu, Seoul, 49438, Korea
Tel. 82-2-3458-7602
Fax. 82-2-3458-7609

Affiliated Companies

DAEYANG INSTRUMENT Co.,LTD
45-10 Noksansandan 261-ro 14beon-gil,
Gangseo-gu, Busan, Korea
Tel. 82-51-200-9720, 9721, 9722
Fax. 82-51-200-9719

DAEYANG ELECTRIC SUPPLY Co.,LTD
233 Dusong-ro, Saha-gu, Busan, Korea
Tel. 82-51-414-9937
Fax. 82-51-414-9940