


HISTORY OF DRAWING			FOR FINAL DRAWING	
NO.	DATE	DESCRIPTION	SHIP YARD	SAMSUNG HEAVY INDUSTRIES CO., LTD.
①				
②			HULL NO.	HN1880
③			CLASS	GL
			TITLE	
			LIGHTING CONTROL PANEL	
			1. NAVIGATION LIGHT CONTROL PANEL	
			2. SIGNAL LIGHT CONTROL PANEL	
			3. OUTDOOR LIGHT CONTROL PANEL	
			24 SHEETS WITH A COVER	
NOTE			APPROVED	J. S. LEE
			CHECKED	J. S. LEE
			CHECKED	C. J. JANG
			DESIGN	C. J. JANG
 <b>TMS</b> Solution Total Marine System			DATE	2011. 10. 06
			DRAWING NO.	TMS-LCP-11-005


No.	CONTENT	DATE	REVISER	APPROVED
1				

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A3

**Tms** **TMS** Solution  
Total Marine System

APPROVED	J. S. LEE	SCALE	N/S	UNIT	-
CHECKED	J. S. LEE				
DESIGN	C. J. JANG	PROJECT METHOD		WEIGHT	Kg
DRAWN	C. J. JANG				

TITLE : NAV. LIGHT CONTROL PANEL

CONTENTS

MATERIAL	-	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-01
FILE NAME	HN1877-LCP-01	PAGE	01




No.	CONTENT	DATE	REVISER	APPROVED
1				

### GENERAL SPECIFICATION

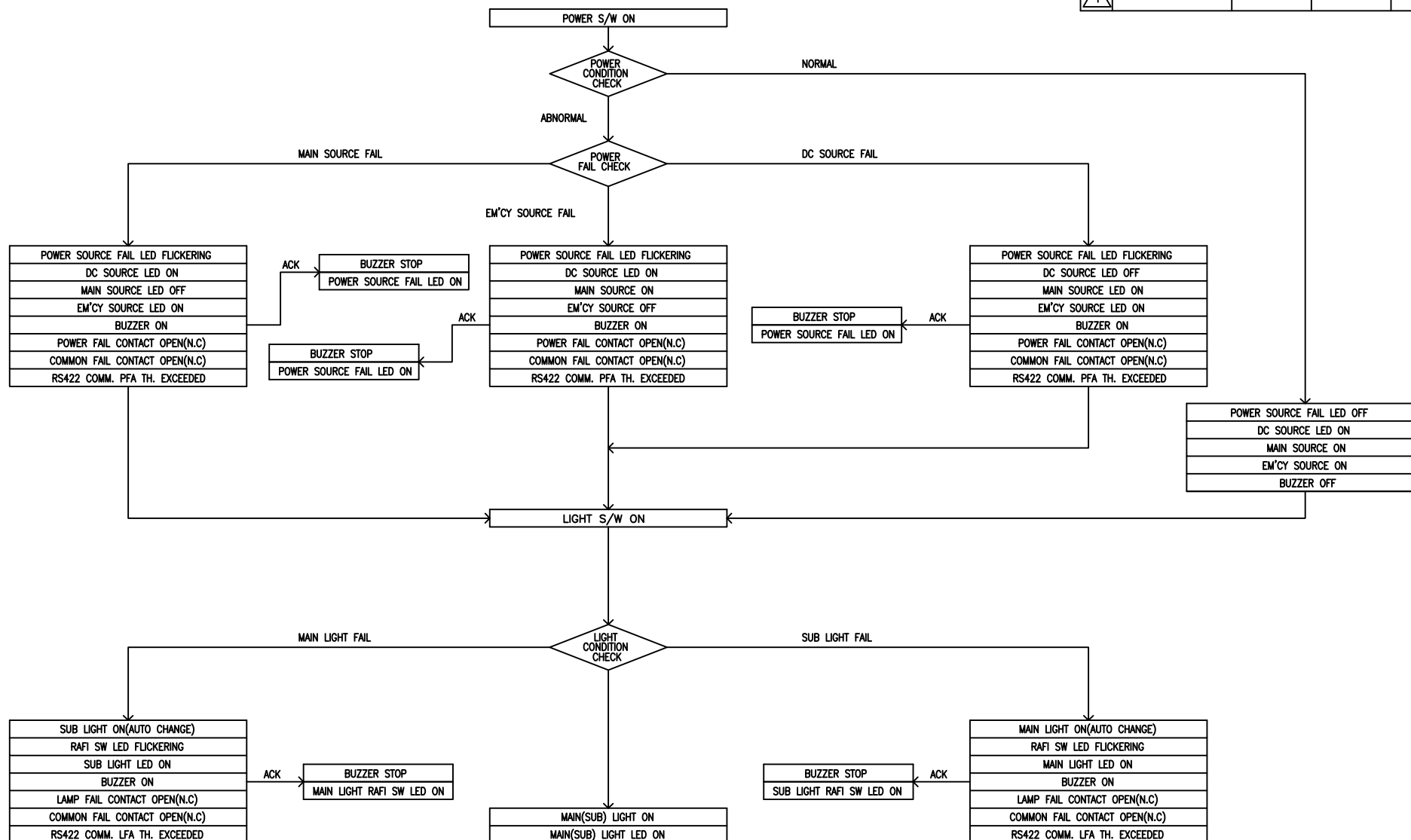
GENERAL	SHIP TYPE	13,500 TEU CONTAINER VESSEL
	SHIP'S OWNER	UASC
	HULL NO.	HN1880
	CLASS	GL
	FLAG	MALTA
MECHANICAL	INSTALLATION	DISPLAY CONTROL PANEL : FLUSH MOUNTING TYPE
		RELAY BOX : WALL MOUNTING TYPE
	PAINTING COLOR	DISPLAY CONTROL PANEL : BLACK
		RELAY BOX : 7.5BG 7/2
	MATERIAL	DISPLAY CONTROL PANEL : ALUMINUM(COVER), STEEL(BODY)
		RELAY BOX : STEEL
ELECTRICAL	AC POWER	MAIN, EM'CY AC220V, 60Hz, 1PH
	DC POWER	DC 24V

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APPROVED	J. S. LEE	SCALE	$\frac{N}{S}$	UNIT	-	TITLE : LIGHTING CONTROL PANEL  GENERAL SPECIFICATION	MATERIAL	-	SHEET No.		
CHECKED	J. S. LEE						DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-03	
DESIGN	C. J. JANG	PROJECT METHOD		WEIGHT	Kg		FILE NAME	HN1877-LCP-03	PAGE	03	
DRAWN	C. J. JANG										

No.	CONTENT	DATE	REVISER	APPROVED
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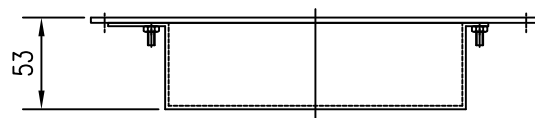
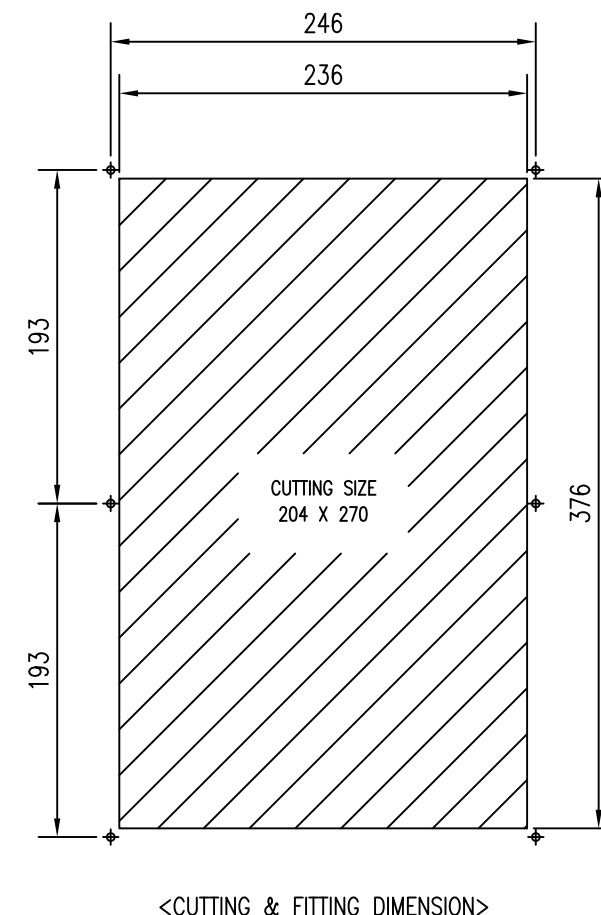
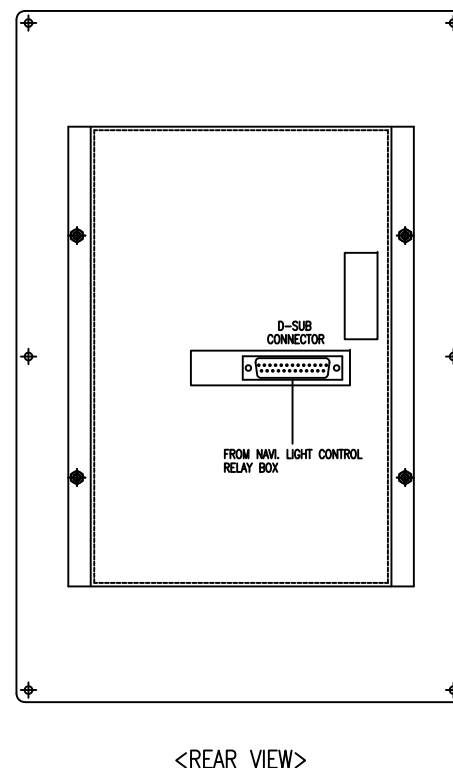
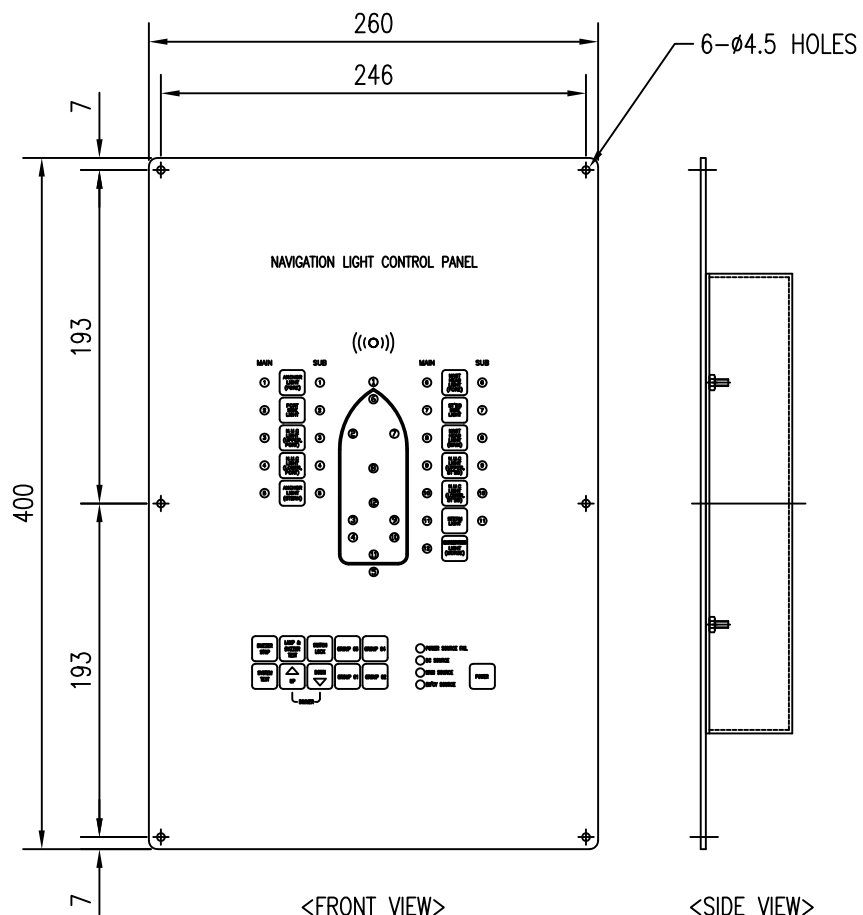
**Tms** **TMS** Solution  
Total Marine System

APPROVED	J. S. LEE	SCALE	N/S	UNIT	-
CHECKED	J. S. LEE	PROJECT METHOD		WEIGHT	Kg
DESIGN	C. J. JANG				
DRAWN	C. J. JANG				

TITLE : NAV. LIGHT CONTROL PANEL  
FLOW CHART

MATERIAL	-	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-04
FILE NAME	HN1877-NAV-01	PAGE	04

No.	CONTENT	DATE	REVISER	APPROVED
1				



- NOTE -
- Q'TY : 1 SET/SHIP
  - MATERIAL  
COVER : AL 3.0t  
BODY : STEEL 1.0t
  - PAIN COLOR : BLACK

A3

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Total Marine System

APPROVED	J. S. LEE
CHECKED	J. S. LEE
DESIGN	C. J. JANG
DRAWN	C. J. JANG

SCALE	1/3
PROJECT METHOD	

UNIT	MM
WEIGHT	Kg

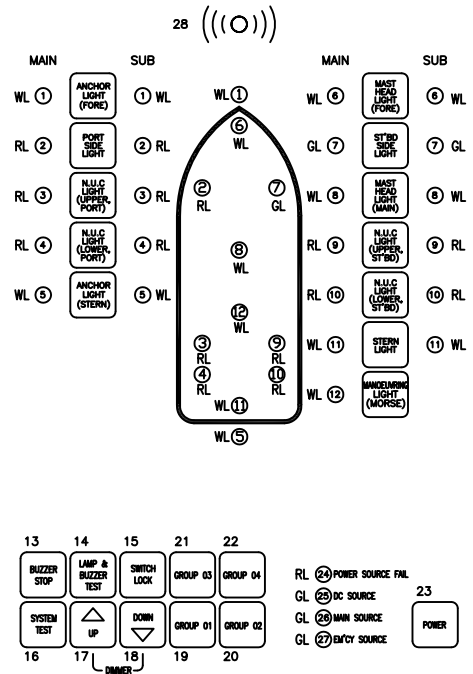
UNIT	MM
WEIGHT	Kg

TITLE : NAV. LIGHT CONTROL PANEL  
LAY-OUT FOR DISPLAY CONTROL PANEL

MATERIAL	AL, STEEL	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-05
FILE NAME	HN1877-NAV-02	PAGE	05

No.	CONTENT	DATE	REVISER	APPROVED
1				

## NAVIGATION LIGHT CONTROL PANEL



### -. OTHER FUNCTION LIST

28	BUZZER	-	1	
27	EM'CY SOURCE	GREEN	1	
26	MAIN SOURCE	GREEN	1	
25	DC SOURCE	GREEN	1	
24	POWER SOURCE FAIL	RED	1	
23	POWER ON/OFF	-	1	
22	GROUP 04	-	1	③ ④ ⑨ ⑩
21	GROUP 03	-	1	① ② ⑤ ⑥ ⑦ ⑧ ⑪
20	GROUP 02	-	1	① ⑤
19	GROUP 01	-	1	② ⑥ ⑦ ⑧ ⑪
18	DIMMER DOWN	-	1	
17	DIMMER UP	-	1	
16	SYSTEM TEST	-	1	
15	SWITCH LOCK	-	1	
14	LAMP & BUZZER TEST	-	1	
13	BUZZER STOP	-	1	
No.	DESCRIPTION	LED COLOR	Q'TY	REMARK

### -. LIGHT CONTROL LIST

12	MANOEUVRING LIGHT(MORSE)	WHITE	1	
11	STERN LIGHT	WHITE	1	WHEN MAIN LIGHT FAILED, IT CHANGED TO SUB AUTOMATICALLY
10	N.U.C LIGHT(LOWER, ST'BD)	RED	1	WHEN MAIN LIGHT FAILED, IT CHANGED TO SUB AUTOMATICALLY
9	N.U.C LIGHT(UPPER, ST'BD)	RED	1	WHEN MAIN LIGHT FAILED, IT CHANGED TO SUB AUTOMATICALLY
8	MAST HEAD LIGHT(MAIN)	WHITE	1	WHEN MAIN LIGHT FAILED, IT CHANGED TO SUB AUTOMATICALLY
7	ST'BD SIDE LIGHT	GREEN	1	WHEN MAIN LIGHT FAILED, IT CHANGED TO SUB AUTOMATICALLY
6	MAST HEAD LIGHT(FORE)	WHITE	1	WHEN MAIN LIGHT FAILED, IT CHANGED TO SUB AUTOMATICALLY
5	ANCHOR LIGHT(STERN)	WHITE	1	WHEN MAIN LIGHT FAILED, IT CHANGED TO SUB AUTOMATICALLY
4	N.U.C LIGHT(LOWER, PORT)	RED	1	WHEN MAIN LIGHT FAILED, IT CHANGED TO SUB AUTOMATICALLY
3	N.U.C LIGHT(UPPER, PORT)	RED	1	WHEN MAIN LIGHT FAILED, IT CHANGED TO SUB AUTOMATICALLY
2	PORT SIDE LIGHT	RED	1	WHEN MAIN LIGHT FAILED, IT CHANGED TO SUB AUTOMATICALLY
1	ANCHOR LIGHT(FORE)	WHITE	1	WHEN MAIN LIGHT FAILED, IT CHANGED TO SUB AUTOMATICALLY
No.	DESCRIPTION	LED COLOR	Q'TY	REMARK

A3

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Total Marine System

APPROVED J. S. LEE  
CHECKED J. S. LEE  
DESIGN C. J. JANG  
DRAWN C. J. JANG

SCALE  
PROJECT METHOD

N/S  
PROJECT METHOD

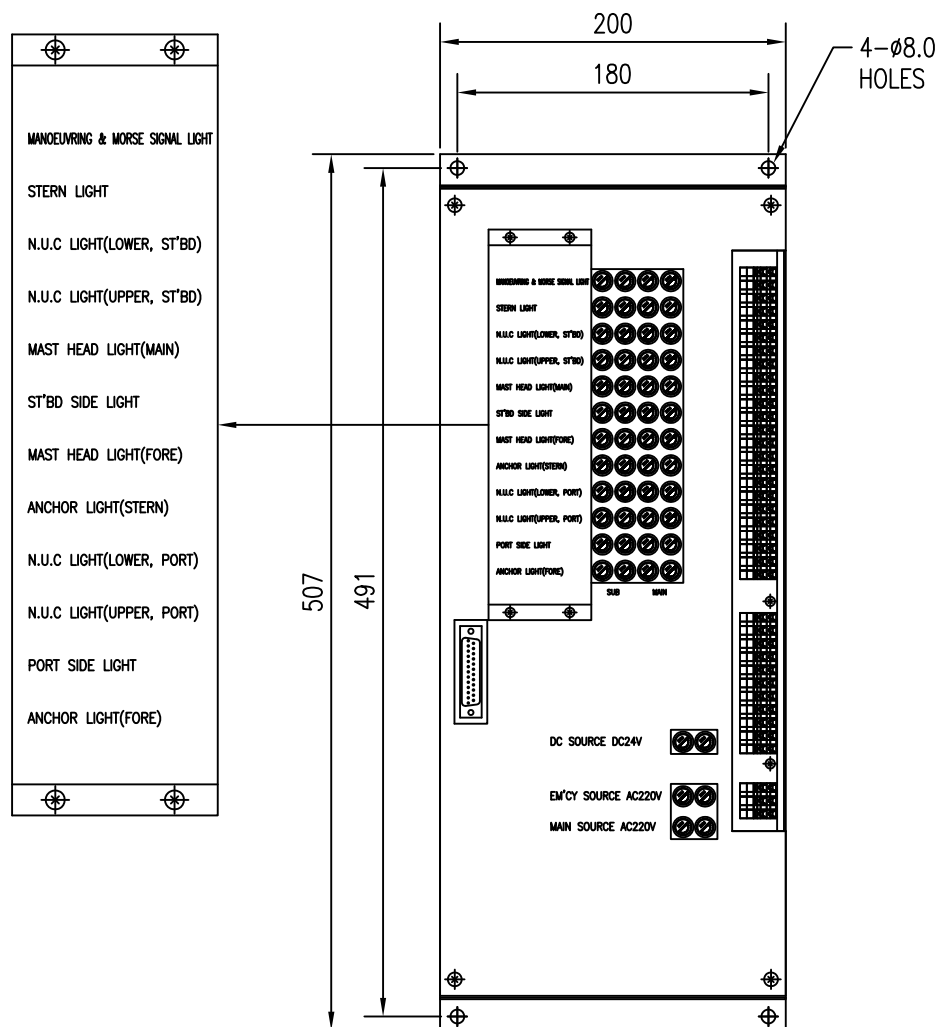
UNIT  
WEIGHT

-  
Kg

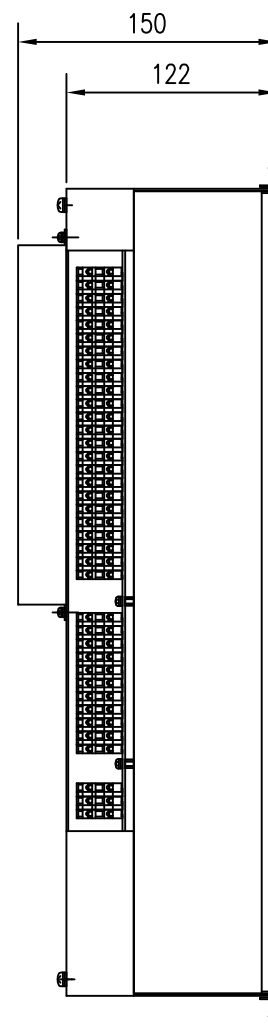
TITLE : NAV. LIGHT CONTROL PANEL  
DISPLAY VIEW

MATERIAL -  
DATE 2011. 10. 06  
FILE NAME HN1877-NAV-03  
SHEET No.  
DWG No. TMS-LCP-11-005-06  
PAGE 06

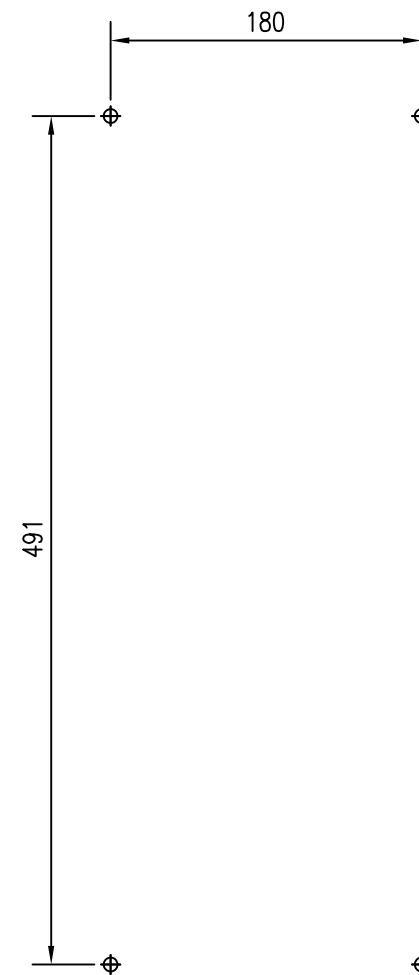
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<FRONT VIEW>



<FRONT VIEW>



<FITTING DIMENSION>

- NOTE -

- Q'TY : 1 SET/SHIP
- MATERIAL : STEEL 1.0t
- PAINT COLOR : 7.5BG 7/2

A3

**Tms** **TMS** Solution  
Total Marine System

APPROVED	J. S. LEE	SCALE	1/3	UNIT	MM
CHECKED	J. S. LEE				
DESIGN	C. J. JANG	PROJECT METHOD	Dwg	WEIGHT	Kg
DRAWN	C. J. JANG				

TITLE : NAV. LIGHT CONTROL PANEL  
LAY-OUT FOR RELAY BOX

MATERIAL	STEEL	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-07
FILE NAME	HN1877-NAV-04	PAGE	07



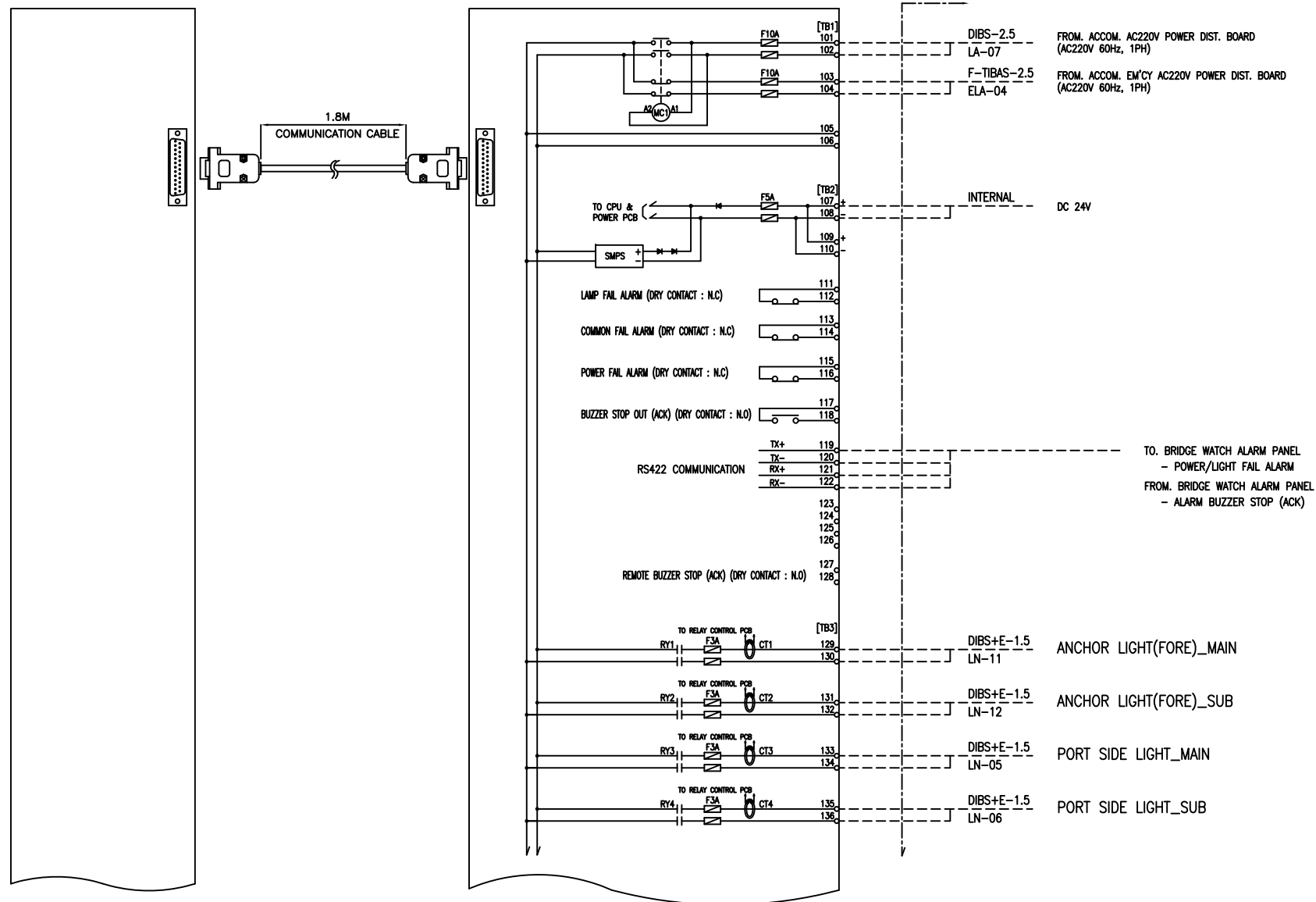


No.	CONTENT	DATE	REVISER	APPROVED
1				

# NAVIGATION LIGHT DISPLAY CONTROL UNIT

# NAVIGATION LIGHT CONTROL RELAY BOX

# OUTSIDE



A3

**Tms** **TMS** Solution  
Total Marine System

APPROVED	J. S. LEE	SCALE	N/S	UNIT	-
CHECKED	J. S. LEE	PROJECT	⊕	WEIGHT	Kg
DESIGN	C. J. JANG	METHOD			
DRAWN	C. J. JANG				

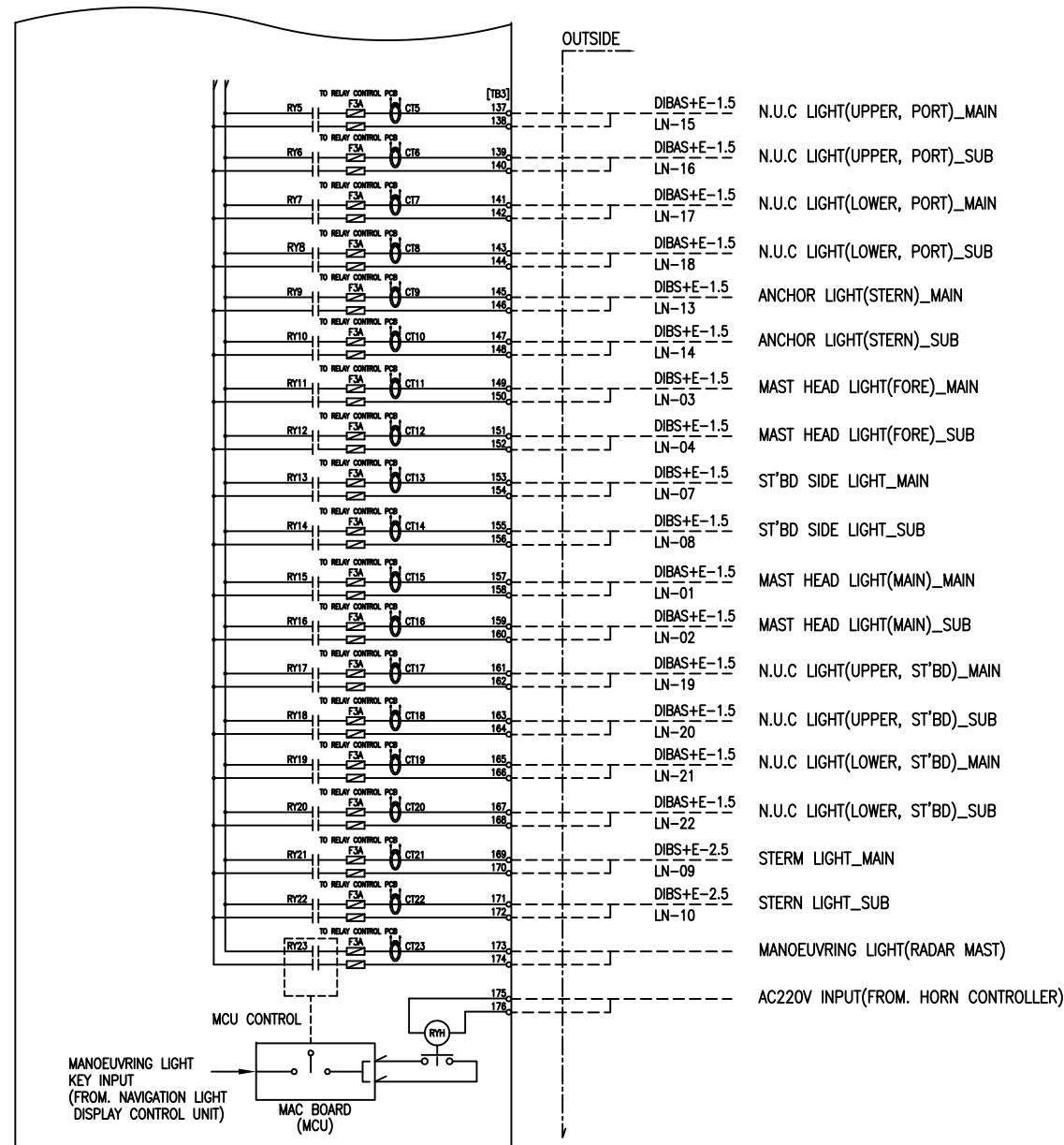
TITLE : NAV. LIGHT CONTROL PANEL  
CONNECTION DIAGRAM 01

MATERIAL	-	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-09
FILE NAME	HN1877-NAV-06	PAGE	09

# NAVIGATION LIGHT DISPLAY CONTROL UNIT



# NAVIGATION LIGHT CONTROL RELAY BOX



## \* MANOEUVRING LIGHT CONTROL PROCEDURE

### 1. MANOEUVRING LIGHT KEY INPUT (FROM. NAVIGATION LIGHT DISPLAY CONTROL UNIT)

- 1) PUSH MANOEUVRING LIGHT SWITCH ONCE  
--> MANOEUVRING LIGHT TURNED ON
- 2) PUSH MANOEUVRING LIGHT SWITCH ONE MORE  
--> MANOEUVRING LIGHT TURNED OFF

### 2. AC220V INPUT FROM HORN CONTROLLER

- 1) AC220V INPUT  
--> MANOEUVRING LIGHT TURNED ON
- 2) AC220V OUT  
--> MANOEUVRING LIGHT TURNED OFF

## NOTE)

WHEN MANOEUVRING LIGHT SWITCH TURNED ON THE MANOEUVRING LIGHT IN "NAVIGATION LIGHT DISPLAY CONTROL UNIT", HORN CONTROLLER AC220V CANNOT CONTROL MANOEUVRING LIGHT.

No.	CONTENT	DATE	REVISER	APPROVED
1				

A3

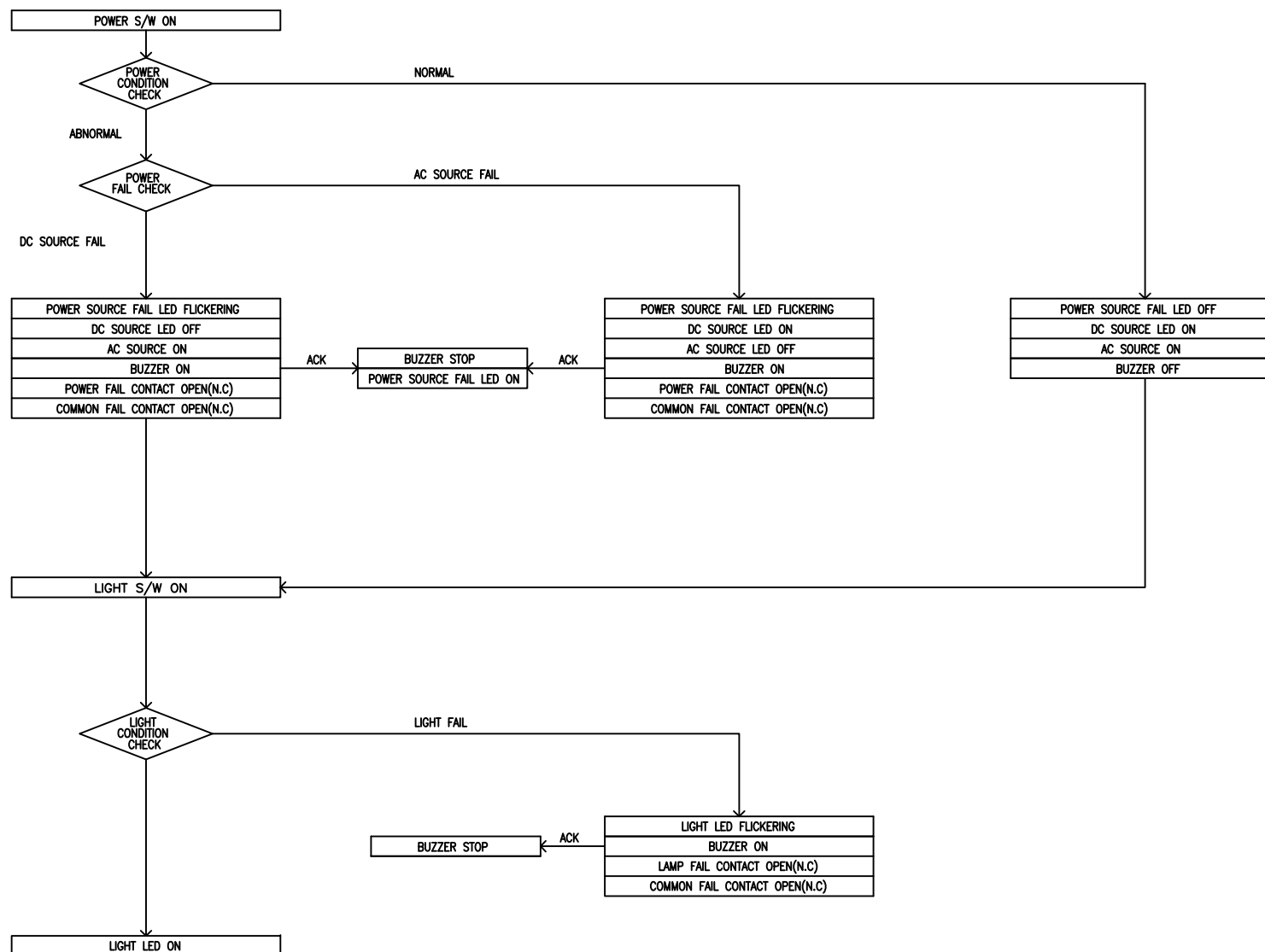
**Tms** **TMS** Solution  
Total Marine System

APPROVED	J. S. LEE	SCALE	N/S	UNIT	-
CHECKED	J. S. LEE				
DESIGN	C. J. JANG	PROJECT	PROJECT	WEIGHT	Kg
DRAWN	C. J. JANG	METHOD			

TITLE : NAV. LIGHT CONTROL PANEL  
CONNECTION DIAGRAM 02

MATERIAL	-	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-10
FILE NAME	HN1877-NAV-07	PAGE	10

No.	CONTENT	DATE	REVISER	APPROVED
1				



A3

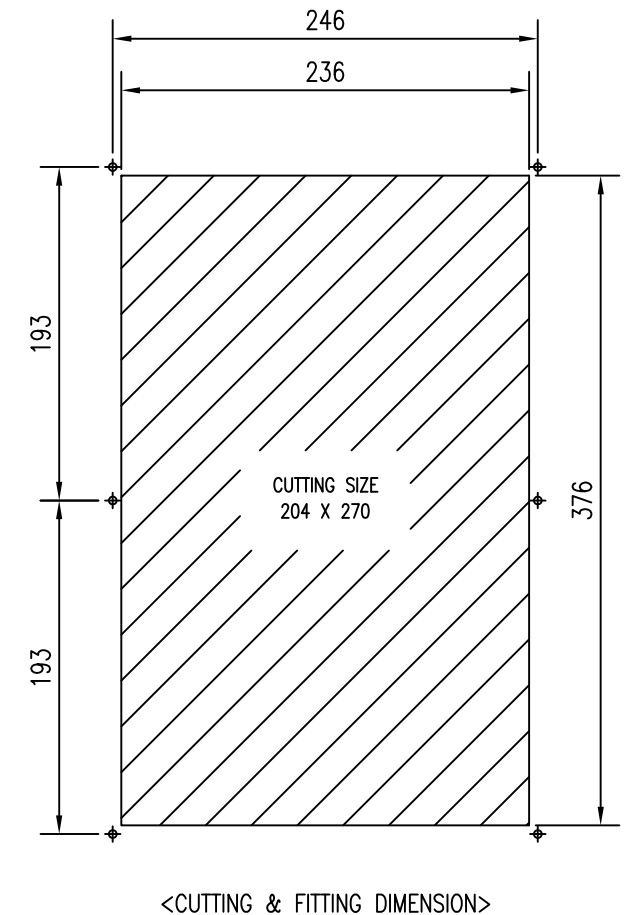
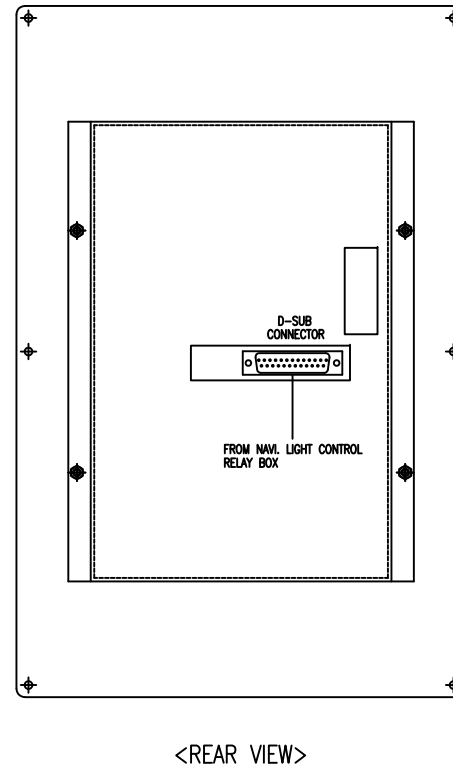
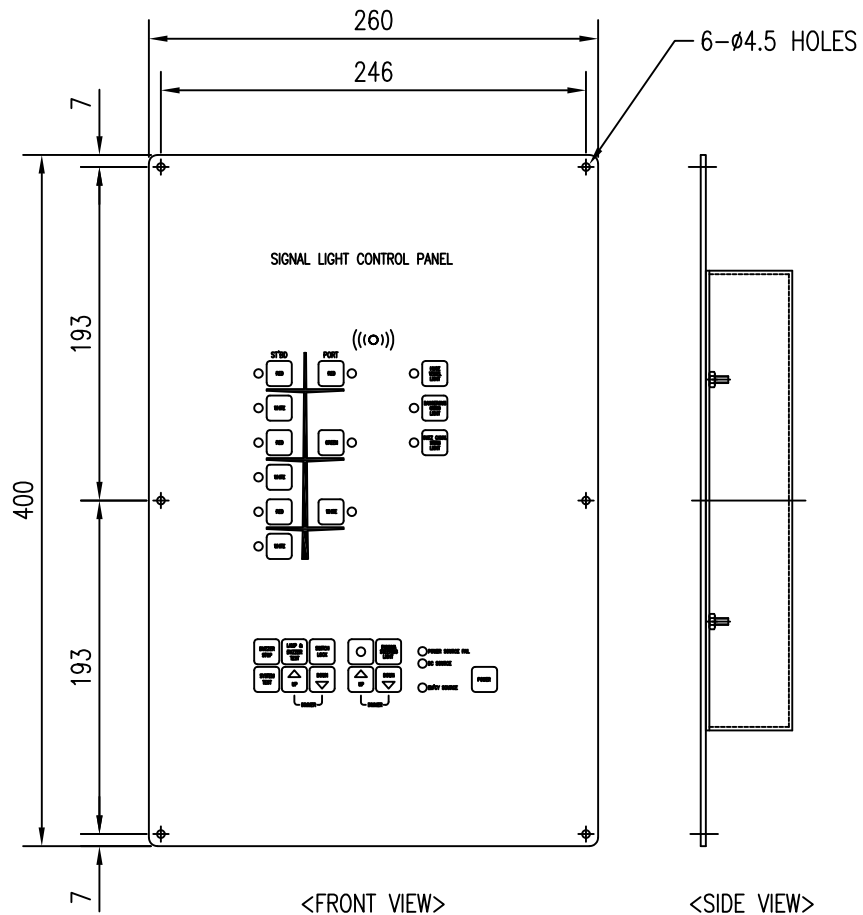
**Tms** **TMS** Solution  
Total Marine System

APPROVED	J. S. LEE	SCALE	N/S	UNIT	-
CHECKED	J. S. LEE				
DESIGN	C. J. JANG	PROJECT	⊕	WEIGHT	Kg
DRAWN	C. J. JANG	METHOD			

TITLE : SIG. LIGHT CONTROL PANEL  
FLOW CHART

MATERIAL	-	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-11
FILE NAME	HN1877-SIG-01	PAGE	11

No.	CONTENT	DATE	REVISER	APPROVED
1				



- NOTE -

- Q'TY : 1 SET/SHIP
- MATERIAL  
COVER : AL 3.0t  
BODY : STEEL 1.0t
- PAINT COLOR : BLACK

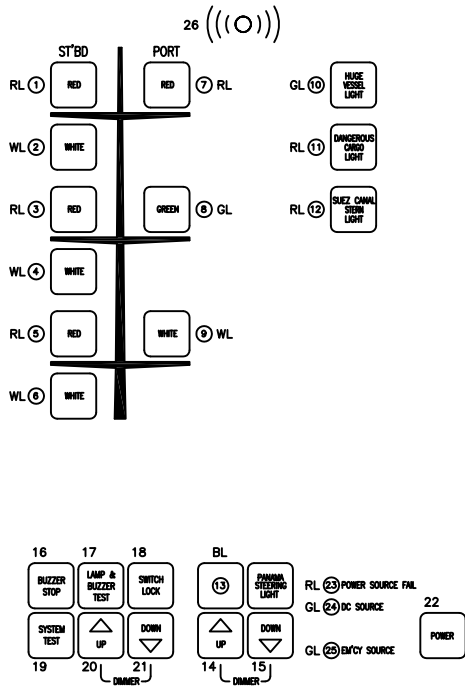
A3

**Tms** **TMS** Solution  
Total Marine System

APPROVED	J. S. LEE	SCALE	1/3	UNIT	MM	TITLE : SIG. LIGHT CONTROL PANEL LAY-OUT FOR DISPLAY CONTROL PANEL	MATERIAL	AL, STEEL	SHEET No.	
CHECKED	J. S. LEE						DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-12
DESIGN	C. J. JANG	PROJECT METHOD		WEIGHT	Kg		FILE NAME	HN1877-SIG-02	PAGE	12
DRAWN	C. J. JANG									

No.	CONTENT	DATE	REVISER	APPROVED
1				

SIGNAL LIGHT CONTROL PANEL




-. OTHER FUNCTION LIST

26	BUZZER	-	1	
25	EM'CY SOURCE	GREEN	1	
24	DC SOURCE	GREEN	1	
23	POWER SOURCE FAIL	RED	1	
22	POWER ON/OFF	-	1	
21	DIMMER DOWN	-	1	
20	DIMMER UP	-	1	
19	SYSTEM TEST	-	1	
18	SWITCH LOCK	-	1	
17	LAMP & BUZZER TEST	-	1	
16	BUZZER STOP	-	1	
15	PANAMA STEERING LIGHT DIMMER DOWN	-	1	
14	PANAMA STEERING LIGHT DIMMER UP	-	1	
No.	DESCRIPTION	LED COLOR	Q'TY	REMARK

-. LIGHT CONTROL LIST

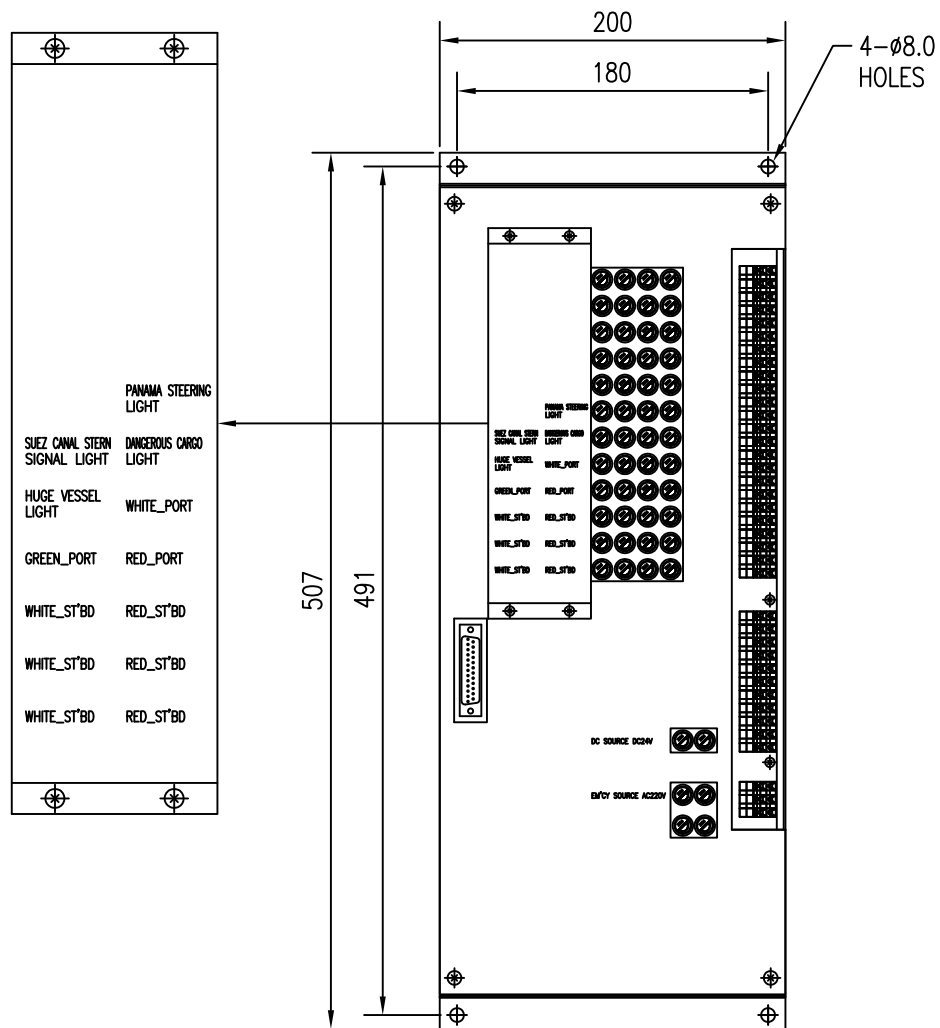
13	PANAMA STEERING LIGHT	BLUE	1	
12	SUEZ CANAL STERN LIGHT	RED	1	
11	DANGEROUS CARGO LIGHT	RED	1	
10	HUGE VESSEL LIGHT	GREEN	1	
9	SUEZ CANAL SIGNAL LIGHT_PORT	WHITE	1	
8	SUEZ CANAL SIGNAL LIGHT_PORT	GREEN	1	
7	SUEZ CANAL SIGNAL LIGHT_PORT	RED	1	
6	SUEZ CANAL SIGNAL LIGHT_ST'BD	WHITE	1	
5	SUEZ CANAL SIGNAL LIGHT_ST'BD	RED	1	
4	SUEZ CANAL SIGNAL LIGHT_ST'BD	WHITE	1	
3	SUEZ CANAL SIGNAL LIGHT_ST'BD	RED	1	
2	SUEZ CANAL SIGNAL LIGHT_ST'BD	WHITE	1	
1	SUEZ CANAL SIGNAL LIGHT_ST'BD	RED	1	
No.	DESCRIPTION	LED COLOR	Q'TY	REMARK

A3

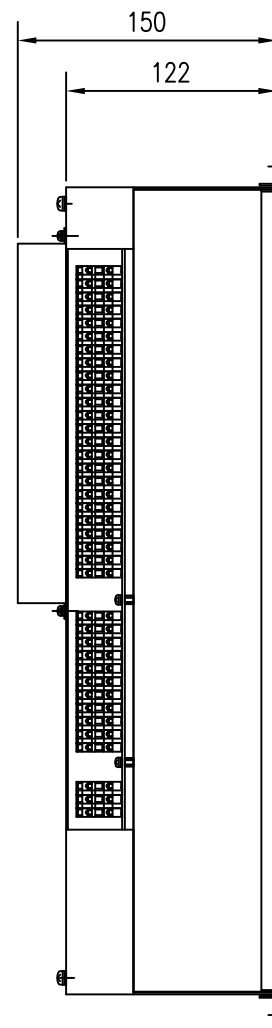
APPROVED	J. S. LEE	SCALE	$\frac{N}{S}$	UNIT	-
CHECKED	J. S. LEE				
DESIGN	C. J. JANG	PROJECT METHOD		WEIGHT	Kg
DRAWN	C. J. JANG				

MATERIAL	-	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-13
FILE NAME	HN1877-SIG-03	PAGE	13

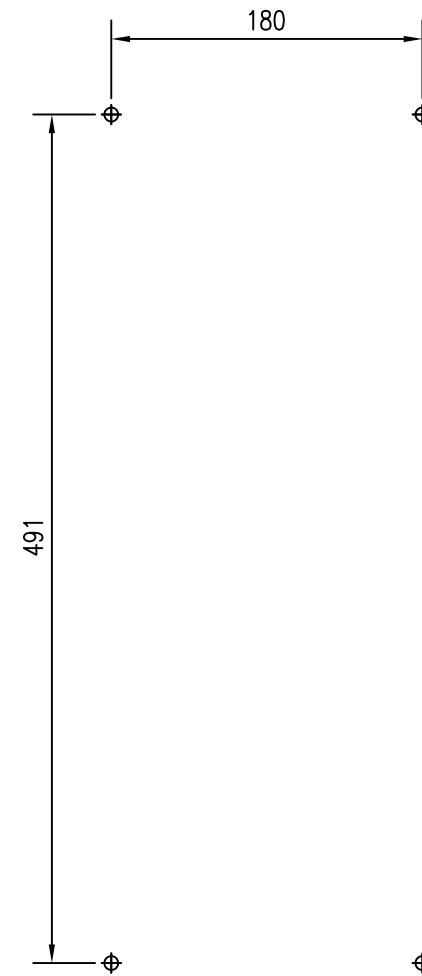
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1				



<FRONT VIEW>



<FRONT VIEW>



<FITTING DIMENSION>

- NOTE -

- Q'TY : 1 SET/SHIP
- MATERIAL : STEEL 1.0t
- PAIN COLOR : 7.5BG 7/2

A3

**Tms** **TMS** Solution  
Total Marine System

APPROVED	J. S. LEE
CHECKED	J. S. LEE
DESIGN	C. J. JANG
DRAWN	C. J. JANG

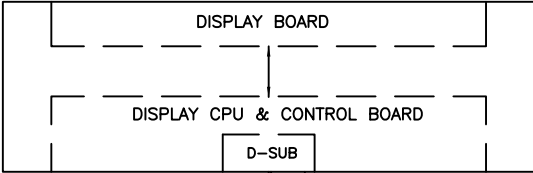
SCALE	1/3	UNIT	MM
PROJECT METHOD		WEIGHT	Kg

TITLE : SIG. LIGHT CONTROL PANEL  
LAY-OUT FOR RELAY BOX

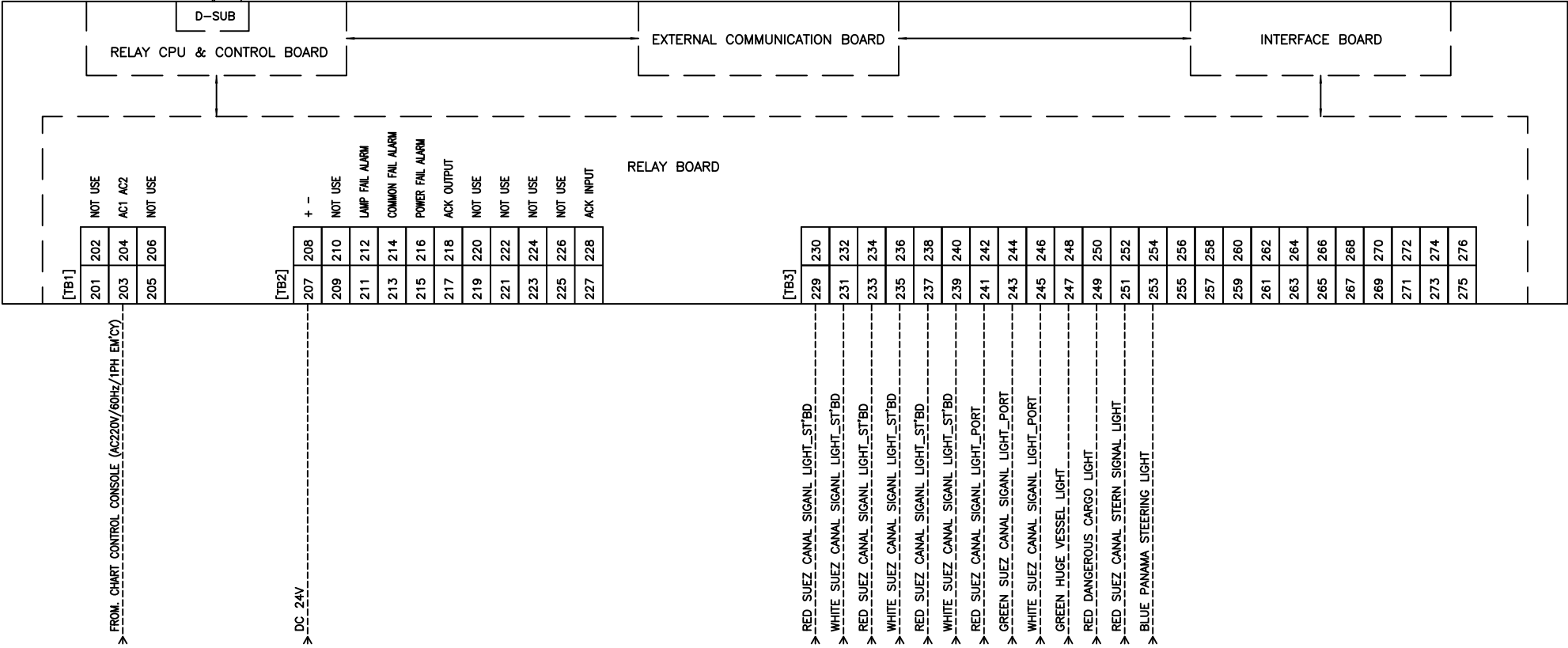
MATERIAL	STEEL	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-14
FILE NAME	HN1877-SIG-04	PAGE	14


No.	CONTENT	DATE	REVISER	APPROVED
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SIGNAL LIGHT  
CONTROL PANEL



SIGNAL LIGHT  
RELAY BOX



A3	 <b>TMS</b> Solution Total Marine System	APPROVED	J. S. LEE	SCALE	N/S	UNIT	-	TITLE : SIG. LIGHT CONTROL PANEL SYSTEM DIAGRAM	MATERIAL	-	SHEET No.	
		CHECKED	J. S. LEE						DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-15
		DESIGN	C. J. JANG						FILE NAME	HN1877-SIG-05	PAGE	15
		DRAWN	C. J. JANG									

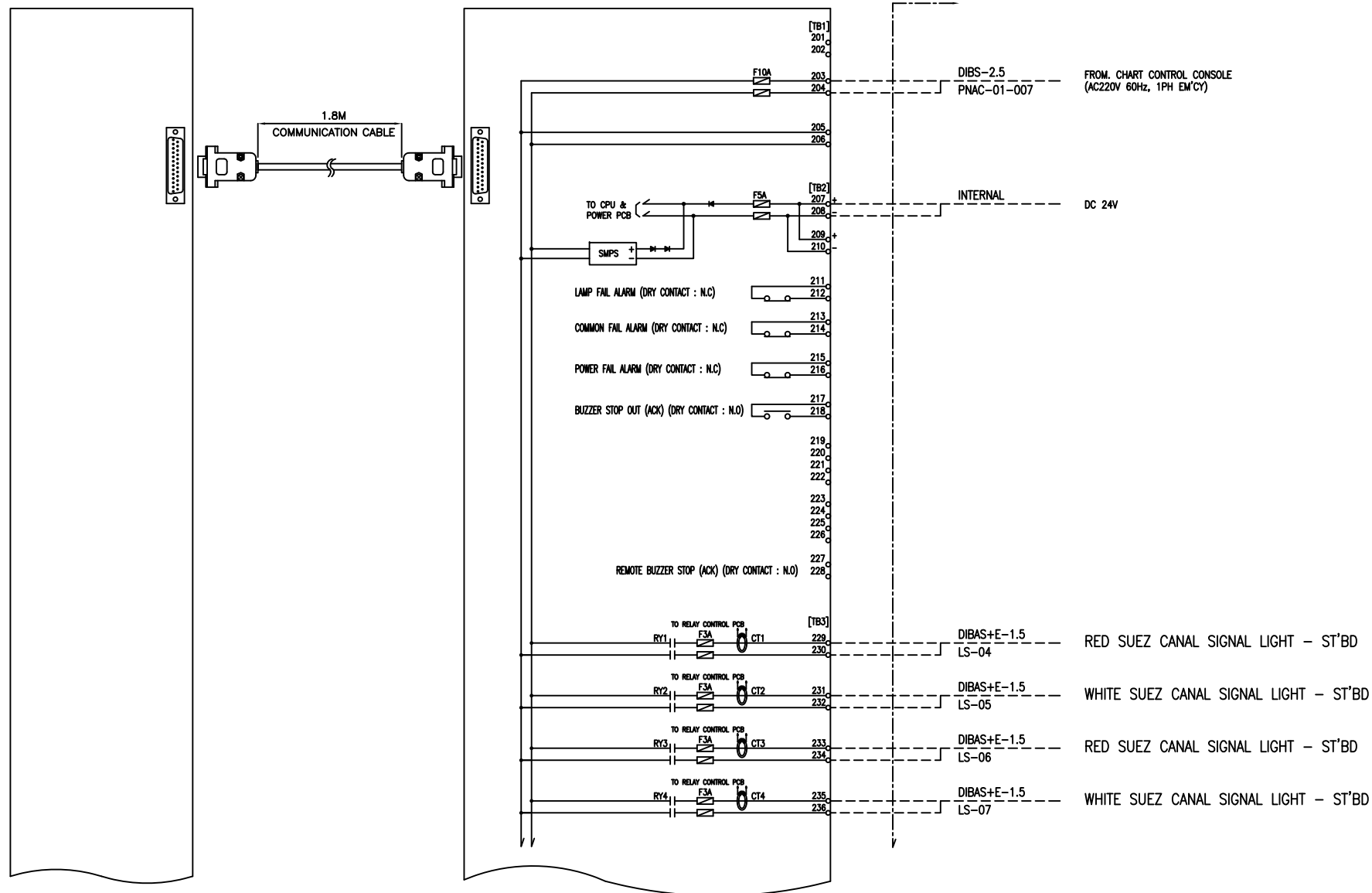


No.	CONTENT	DATE	REVISER	APPROVED
1				

SIGNAL LIGHT DISPLAY CONTROL UNIT

SIGNAL LIGHT CONTROL RELAY BOX

OUTSIDE



A3

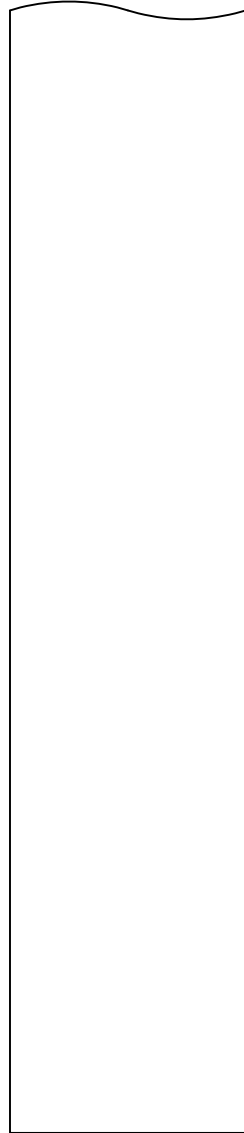
**Tms** **TMS** Solution  
Total Marine System

APPROVED	J. S. LEE	SCALE	N/S	UNIT	-
CHECKED	J. S. LEE	PROJECT	⊕	WEIGHT	Kg
DESIGN	C. J. JANG	METHOD			
DRAWN	C. J. JANG				

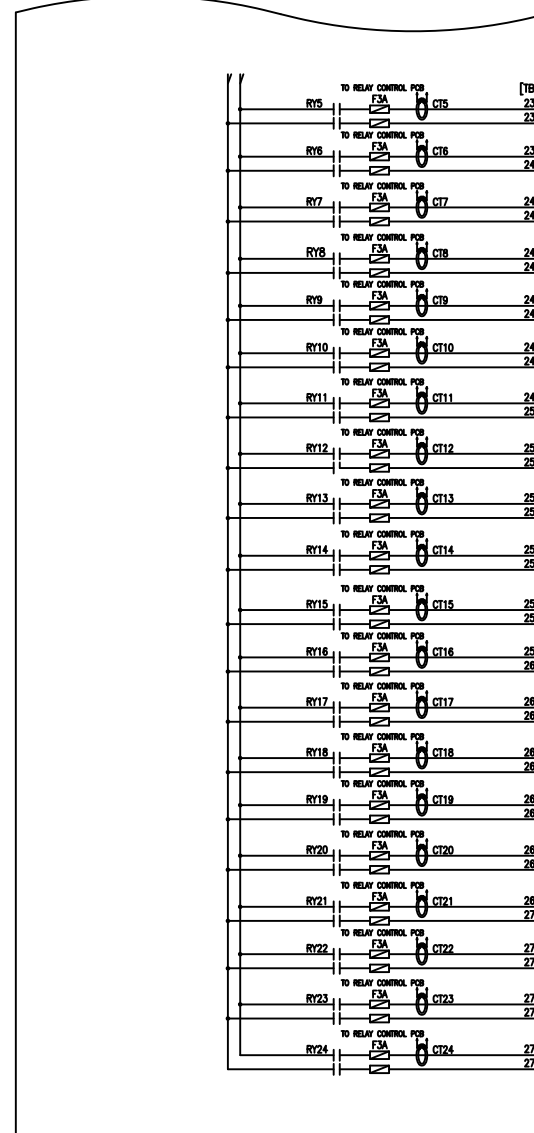
TITLE : SIG. LIGHT CONTROL PANEL  
CONNECTION DIAGRAM 01

MATERIAL	-	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-16
FILE NAME	HN1877-SIG-06	PAGE	16

## SIGNAL LIGHT DISPLAY CONTROL UNIT



## SIGNAL LIGHT CONTROL RELAY BOX



OUTSIDE

DIBAS+E-1.5	RED SUEZ CANAL SIGNAL LIGHT - ST'BD
LS-08	
DIBAS+E-1.5	WHITE SUEZ CANAL SIGNAL LIGHT - ST'BD
LS-09	
DIBAS+E-1.5	RED SUEZ CANAL SIGNAL LIGHT - PORT
LS-10	
DIBAS+E-1.5	GREEN SUEZ CANAL SIGNAL LIGHT - PORT
LS-11	
DIBAS+E-1.5	WHITE SUEZ CANAL SIGNAL LIGHT - PORT
LS-12	
DIBAS+E-1.5	GREEN HUGE VESSEL LIGHT
LN-13	
DIBAS+E-1.5	RED DANGEROUS CARGO LIGHT
LN-14	
DIBS+E-2.5 (IN CEN. BRIDGE CONSOLE)	RED SUEZ CANAL STERN LIGHT
LS-15	
DIBS+E-1.5	BLUE PANAMA STEERING LIGHT
LS-16	

No.	CONTENT	DATE	REVISER	APPROVED
1				

A3

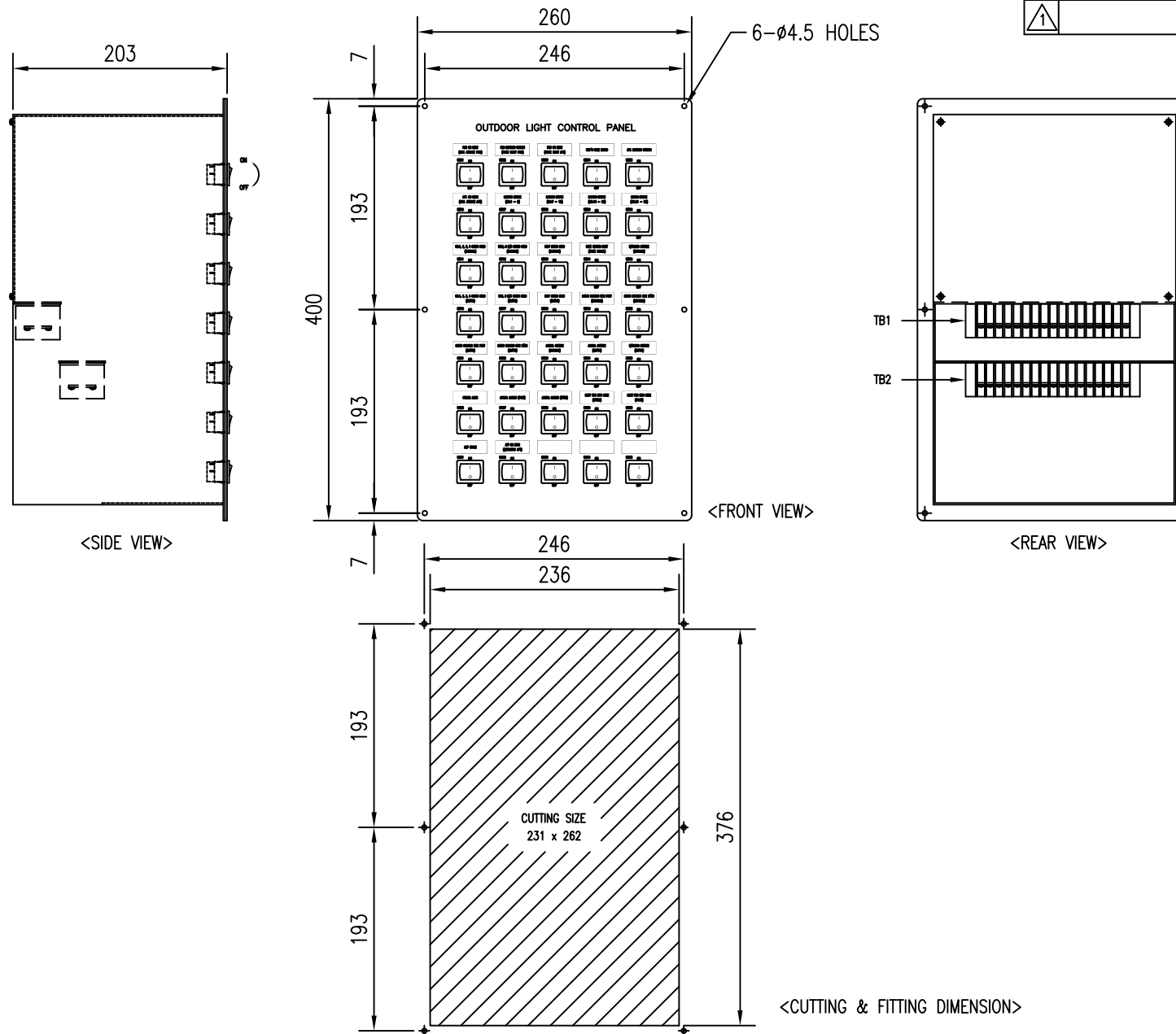
**Tms** **TMS** Solution  
Total Marine System

APPROVED	J. S. LEE	SCALE	N/S	UNIT	-
CHECKED	J. S. LEE				
DESIGN	C. J. JANG	PROJECT METHOD	⊕	WEIGHT	Kg
DRAWN	C. J. JANG				

TITLE : SIG. LIGHT CONTROL PANEL  
CONNECTION DIAGRAM 02

MATERIAL	-	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-17
FILE NAME	HN1877-SIG-07	PAGE	17

No.	CONTENT	DATE	REVISER	APPROVED
1				



- NOTE —
- Q'TY : 1 SET/SHIP
  - MATERIAL  
COVER : AL 2.0t  
BODY : STEEL 1.6t
  - PAIN T COLOR : BLACK

A3

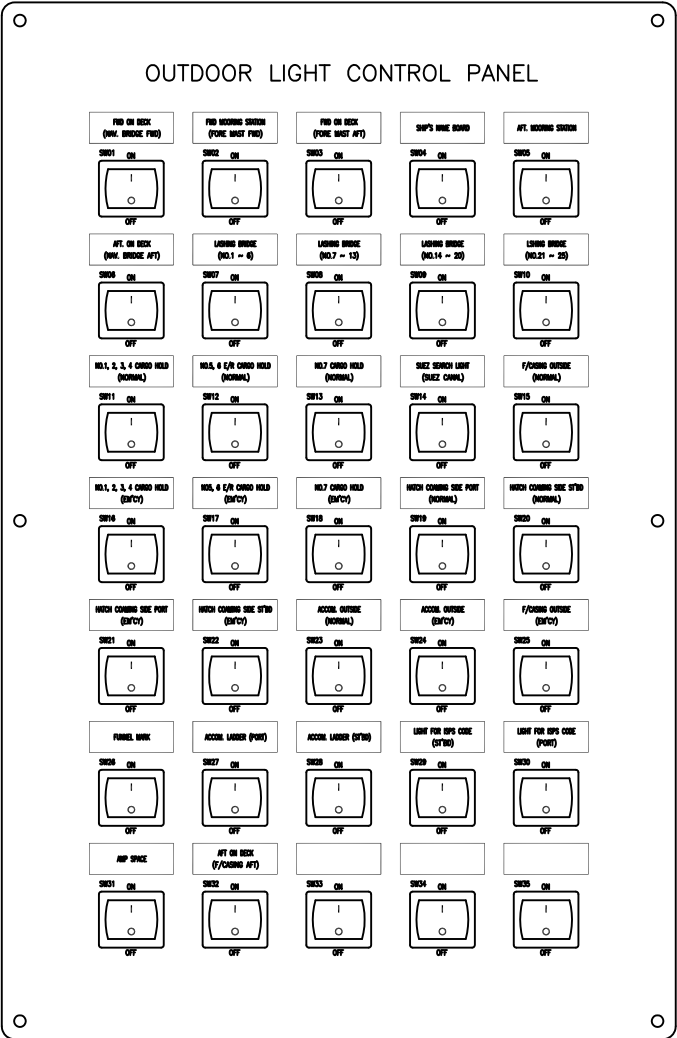
**Tms** **TMS** Solution  
Total Marine System

APPROVED	J. S. LEE	SCALE	1 / 4	UNIT	MM
CHECKED	J. S. LEE				
DESIGN	C. J. JANG	PROJECT METHOD		WEIGHT	Kg
DRAWN	C. J. JANG				

TITLE : OUT. LIGHT CONTROL PANEL  
LAY-OUT

MATERIAL	AL, STEEL	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-18
FILE NAME	HN1877-OUT-01	PAGE	18

No.	CONTENT	DATE	REVISER	APPROVED
1				



-. LIGHT CONTROL LIST

SW35	SPARE	
SW34	SPARE	
SW33	SPARE	
SW32	AFT ON DECK(F/CASING AFT)	
SW31	AMP SPACE	
SW30	LIGHTS FOR ISPS CODE(PORT)	
SW29	LIGHTS FOR ISPS CODE(STBD)	
SW28	ACCOM. LADDER(STBD)	TEXT : RED
SW27	ACCOM. LADDER(PORT)	TEXT : RED
SW26	FUNNEL MARK	
SW25	F/CASING OUTSIDE(EM'CY)	TEXT : RED
SW24	ACCOM. OUTSIDE(EM'CY)	TEXT : RED
SW23	ACCOM. OUTSIDE(NORMAL)	
SW22	HATCH COAMING SIDE STBD(EM'CY)	TEXT : RED
SW21	HATCH COAMING SIDE PORT(EM'CY)	TEXT : RED
SW20	HATCH COAMING SIDE STBD(NORMAL)	
SW19	HATCH COAMING SIDE PORT(NORMAL)	
SW18	NO.7 CARGO HOLD(EM'CY)	TEXT : RED
SW17	NO.5,6 E/R CARGO HOLD(EM'CY)	TEXT : RED
SW16	NO.1,2,3,4 CARGO HOLD(EM'CY)	TEXT : RED
SW15	F/CASING OUTSIDE(NORMAL)	
SW14	SUEZ SEARCH LIGHT(SUEZ CANAL)	
SW13	NO.7 CARGO HOLD(NORMAL)	
SW12	NO.5,6 E/R CARGO HOLD(NORMAL)	
SW11	NO.1,2,3,4 CARGO HOLD(NORMAL)	
SW10	LASHING BRIDGE(NO.21~25)	
SW09	LASHING BRIDGE(NO.14~20)	
SW08	LASHING BRIDGE(NO.7~13)	
SW07	LASHING BRIDGE(NO.1~6)	
SW06	AFT. ON DECK(NAV. BRIDGE AFT)	
SW05	AFT. MOORING STATION	
SW04	SHIP'S NAME BOARD	
SW03	FWD. ON DECK(FORE MAST AFT)	
SW02	FWD. MOORING STATION(FORE MAST FWD)	
SW01	FWD. ON DECK(NAV. BRIDGE FWD)	
SW No.	DESCRIPTION	REMARK

A3

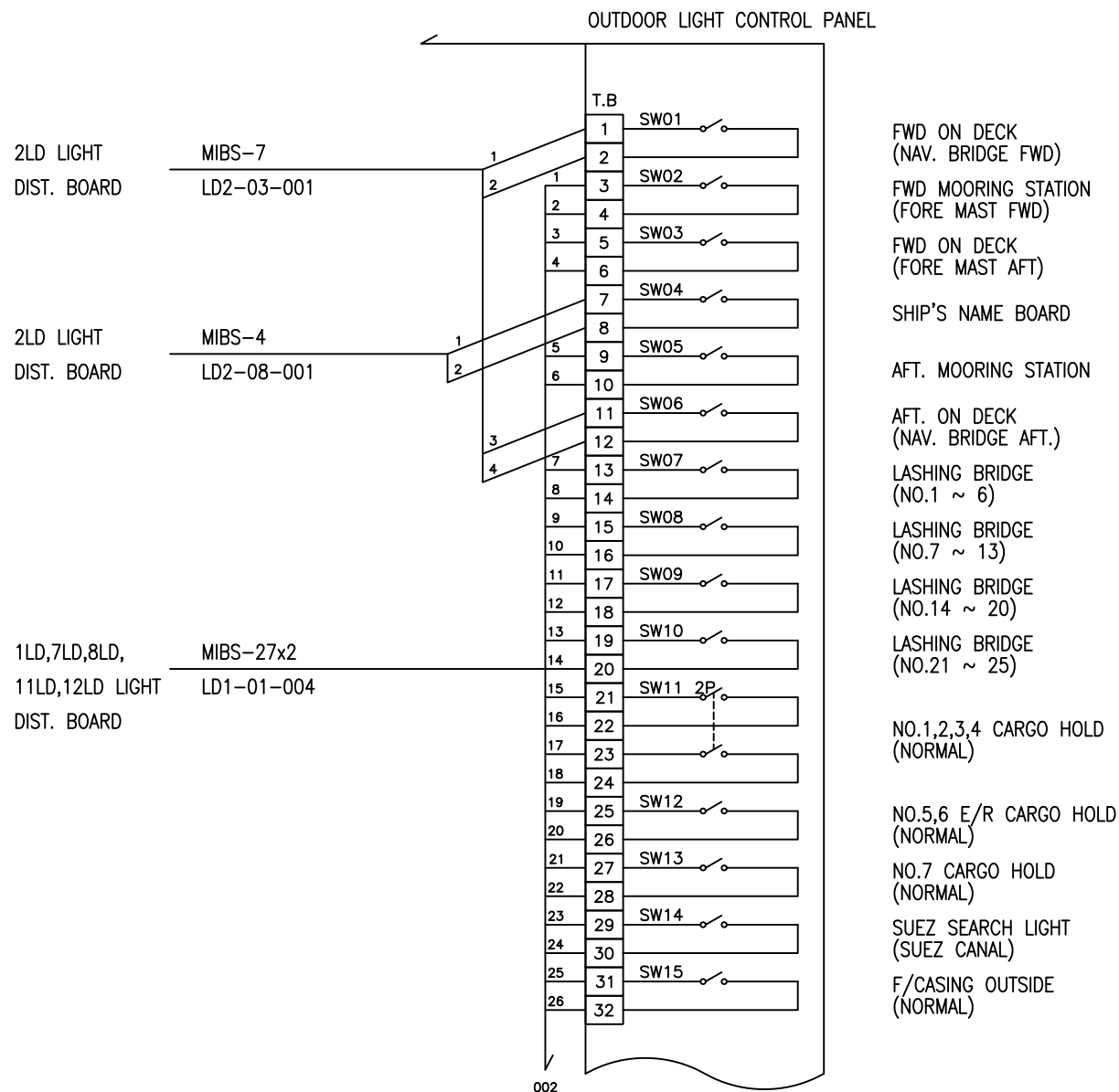
APPROVED	J. S. LEE
CHECKED	J. S. LEE
DESIGN	C. J. JANG
DRAWN	C. J. JANG

SCALE	1 / 4	UNIT	MM
PROJECT METHOD		WEIGHT	Kg

TITLE : OUT. LIGHT CONTROL PANEL  
DISPLAY VIEW

MATERIAL	-	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-19
FILE NAME	HN1877-OUT-02	PAGE	19

No.	CONTENT	DATE	REVISER	APPROVED
1				



A3

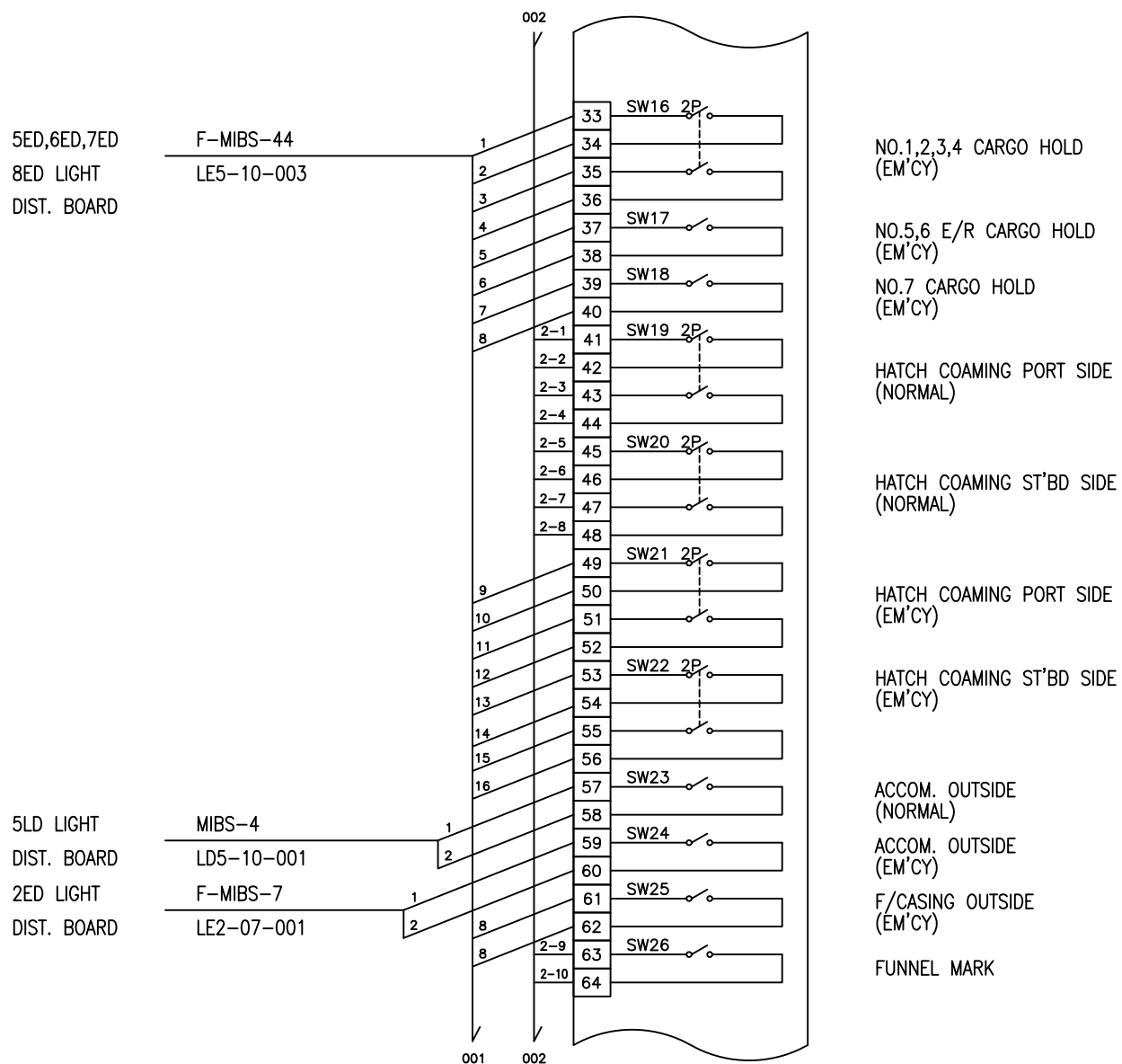
**Tms** **TMS** Solution  
Total Marine System

APPROVED	J. S. LEE	SCALE	N/S	UNIT	-
CHECKED	J. S. LEE	PROJECT METHOD	⊕	WEIGHT	Kg
DESIGN	C. J. JANG				
DRAWN	C. J. JANG				

TITLE : OUT. LIGHT CONTROL PANEL  
CONNECTION DIAGRAM 01

MATERIAL	-	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-20
FILE NAME	HN1877-OUT-03	PAGE	20

No.	CONTENT	DATE	REVISER	APPROVED
1				



A3

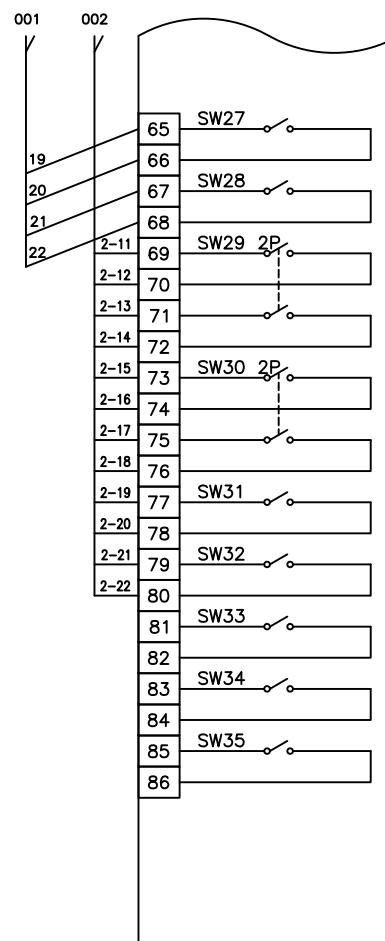
**Tms** **TMS** Solution  
Total Marine System

APPROVED	J. S. LEE	SCALE	N/S	UNIT	-
CHECKED	J. S. LEE	PROJECT	⊕	WEIGHT	Kg
DESIGN	C. J. JANG	METHOD			
DRAWN	C. J. JANG				

TITLE : OUT. LIGHT CONTROL PANEL  
CONNECTION DIAGRAM 02

MATERIAL	-	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-21
FILE NAME	HN1877-OUT-04	PAGE	21

No.	CONTENT	DATE	REVISER	APPROVED
1				



ACCOM. LADDER(PORT)

ACCOM. LADDER(ST'BD)

LIGHTS FOR ISPS CODE  
(ST'BD)

LIGHTS FOR ISPS CODE  
(PORT)

AMP SPACE

AFT ON DECK  
(F/CASING AFT)

SPARE

SPARE

SPARE

A3

**Tms** **TMS** Solution  
Total Marine System

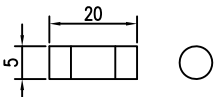
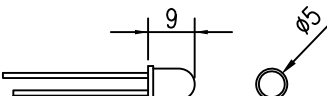
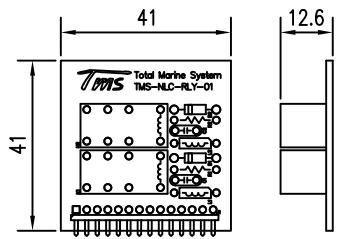
APPROVED	J. S. LEE	SCALE	N/S	UNIT	-
CHECKED	J. S. LEE				
DESIGN	C. J. JANG	PROJECT METHOD		WEIGHT	Kg
DRAWN	C. J. JANG				

TITLE : OUT. LIGHT CONTROL PANEL  
CONNECTION DIAGRAM 03

MATERIAL	-	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-22
FILE NAME	HN1877-OUT-05	PAGE	22


No.	CONTENT	DATE	REVISER	APPROVED
1				

### SPARE PARTS LIST

PROJECT		HN1880 LIGHTING CONTROL PANEL				
NO.	NAME	SKETCH	TYPE	SUPPLY/SHIP		REMARK
				WORKING	SPARE	
1	FUSE (GLASS)		20mm * 3A	100	10	110
			20mm * 10A	6	2	8
2	LED		5φ * WHITE	21	4	26
			5φ * GREEN	10	4	14
			5φ * RED	23	4	27
			5φ * BLUE	1	4	5
3	RELAY PCB		TMS-NLC-RLY-01	44	4	48

A3

**TMS** Solution  
Total Marine System

APPROVED	J. S. LEE	SCALE	N/S	UNIT	-
CHECKED	J. S. LEE				
DESIGN	C. J. JANG	PROJECT METHOD		WEIGHT	Kg
DRAWN	C. J. JANG				

TITLE : LIGHTING CONTROL PANEL  
SPARE PARTS LIST

MATERIAL	-	SHEET No.	
DATE	2011. 10. 06	DWG No.	TMS-LCP-11-005-23
FILE NAME	HN1877-LCP-04	PAGE	23