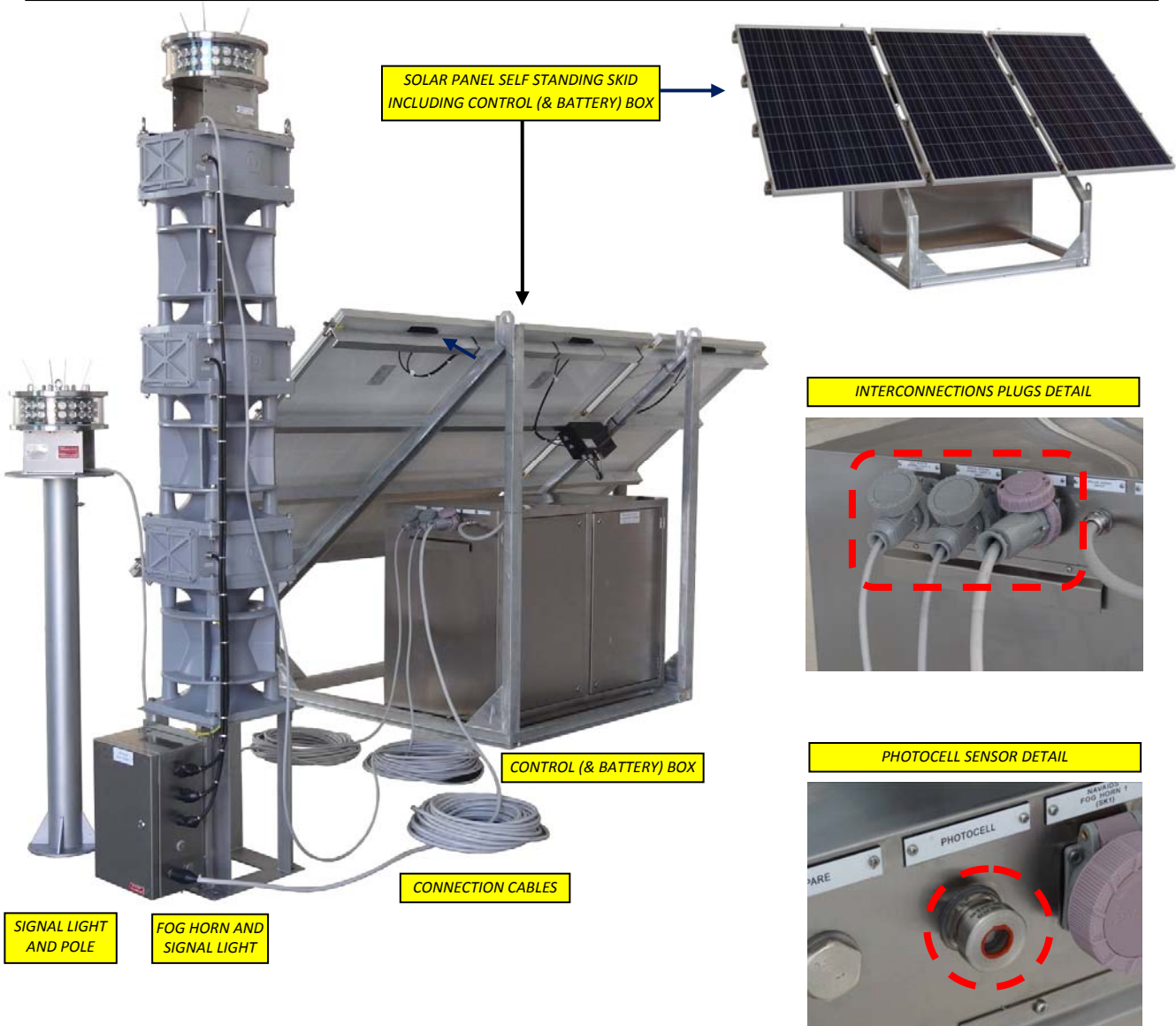




**SICE TEMPORARY NAVIGATION AID SYSTEM TYPE TS-NV/LED/PV
SOLAR POWERED SAFE AREA VERSION**

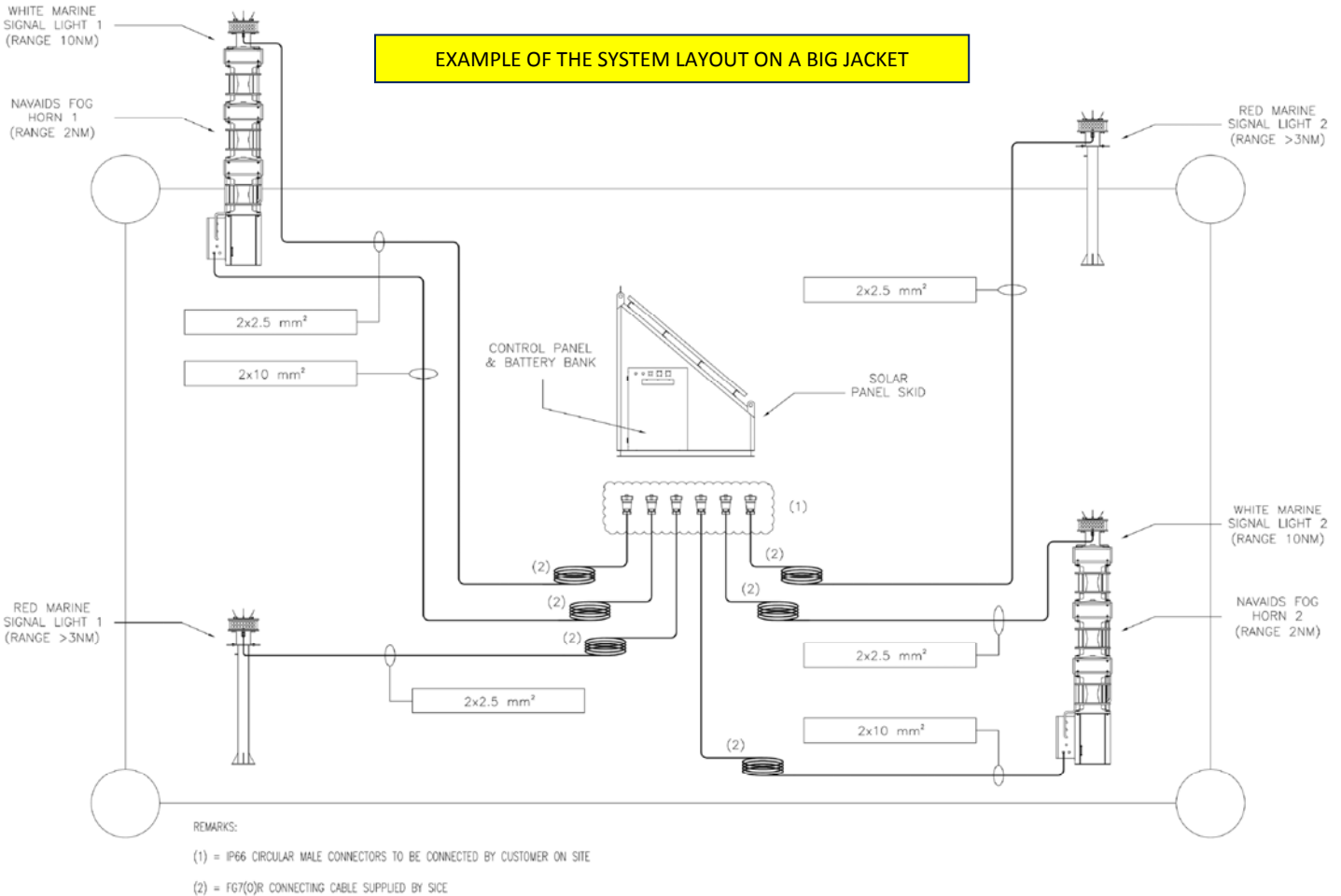
TEMPORARY NAVIGATION AID SYSTEM
SUITABLE FOR SAFE AREA INSTALLATION, WITH EASY CONNECTIONS AND ACTIVATION

USED TO MARK THE OFFSHORE STRUCTURES TEMPORARILY, FOR EXAMPLE DURING THE JACKET INSTALLATION, BEFORE INSTALLING THE DEFINITIVE DECK. EQUIPPED AND POWERED BY SOLAR SYSTEM THAT ASSURES A CORRECT WORKING WITHOUT MAINTENANCE, FOR AN INDETERMINATE (LONG) TIME. THIS SYSTEM IS MANUFACTURED IN COMPLIANCE WITH CUSTOMER REQUISITION AND IALA RECOMMENDATIONS AND CAN BE EQUIPPED WITH ONE OR MORE MAIN WHITE SIGNAL LIGHT(S), ONE OR MORE SUBSIDIARY RED SIGNAL LIGHT(S) AND ONE OR MORE MAIN FOG HORN(S). THE TYPE AND QUANTITIES OF EQUIPMENT DEPENDS OF THE DIMENSIONS AND LAYOUT OF THE OFFSHORE STRUCTURE THAT MUST BE MARKED. SICE IS ABLE TO HELP THE CUSTOMER IN ORDER TO SUPPLY A SYSTEM THAT IS COMPLIANT WITH IALA RECOMMENDATIONS. THE ELECTRIC/ELECTRONIC EQUIPMENT (SOLAR CHARGE REGULATOR, FOG HORN(S) AND LANTERN(S) CONTROL CIRCUITS, PHOTOCELL AND AUTOMATIC BREAKERS) ARE PLACED INSIDE CONTROL & BATTERY BOX IN DEDICATED WATERPROOF ENCLOSURES





SICE TEMPORARY NAVIGATION AID SYSTEM TYPE TS-NV/LED/PV SOLAR POWERED - SUITABLE FOR SAFE AREA



Main technical Characteristics:

- ✓ Material of solar panels self-standing structure and lantern support pole: galvanized steel, not painted
- ✓ Material of control & battery box: AISI 316L stainless steel, not painted
- ✓ Solar panel power: calculated by SICE in compliance with the solar radiation expected in the installation site
- ✓ Battery type: VRLA maintenance free, suitable for solar system
- ✓ Battery capacity: calculated by SICE in compliance with "no sun days" expected in the installation site
- ✓ Main White Lantern type and range: type SICE LS-10NM-L-1; range >10 Nautical Miles
- ✓ Subsidiary Red Lantern type and range: type SICE LS-5NM-L-1; range >3 Nautical Miles
- ✓ Main Fog Horn type and range: type SICE NV-V3; range 2 Nautical Miles
- ✓ Connection cables: included, type FG7(O)R
- ✓ Easy interconnection plugs: IP66/67 heavy duty type, already prepared by SICE and included in the connection cables
- ✓ Synchronization facilities: included, for fog horn and lantern systems
- ✓ Solar charge regulator: type MPPT (or PWM) complete with digital display and temperature probe
- ✓ Electrical protections: by MCB, fuse are not used
- ✓ Load disconnection system for battery low voltage: included

Dimensions and weights:

- ✓ Solar panel skid: according to the solar panels power and battery capacity that are required in the system sizing
- ✓ Fog horn including LED lantern: L 586mm x W 385mm x H 2760mm; weight 265kg
- ✓ LED lantern including support pole: L (Ø) 330mm x H 1688mm; 45kg

Optional:

- ✓ Visibility meter for automatic activation/deactivation of fog horn(s)
- ✓ Remote control interface for system status and alarms

Document can be subjected to modifications, without prior notice