UNION PLATES DETAILS

NTS

PHILIPPINE COAST GUARD
COAST GUARD INFRASTRUCTURE DEVELOPMENT SERVICE

PROJECT TITLE: CONSTRUCTION OF LIGHT STATION RAQ AS PART OF THE CONSTRUCTION OF THIRTEEN (13) LIGHTHOUSE STATIONS IN THE TEN (10) NORTHERNMOST ISLANDS OF THE COUNTRY

LOCATION: RAJU, CALAYAN, CALAYAN GUARDIAN (PHILIPPINE COAST GUARD)

PREPARED BY: CO 2ND OFFICER F.D. GABRIEL

CHECKED BY: CO 2ND OFFICER J. ESPINOSA

DRAWING NO.: 0005

DATE: NOVEMBER 06, 2005

SHEET NO.: 1
PROTECTION HANDRAIL

Half with solar module support
Half with lighting support
Solar module support
Joint of the two halves of handrail

TOP PLATFORM
Connection between GRP Cover and steel structure

HANDRAIL MAST (6 units)
FIXING: 2 hex. bolt M14 with nut and washer.
(Total: 12 hex. bolt)
TRP-146-A3
TRP-146-R3
Union Plate Type "F"

TOP MODULE
(GRP Cover)

Joint of the two halves of handrail
Handrail joint with top platform
LANTERN LEVELLING

Screw M10

Beacon

Lantern support

Flat M10

GRP SEALING PROCESS