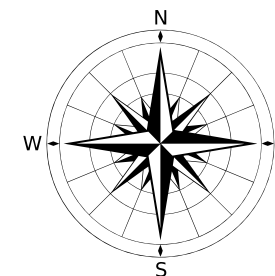


VHF BASE RADIO



LGU PORTABLE RADIOS

NETWORK DIAGRAM



DESIGNED BY:


GEM RAYMUND L. CASTRO

PROFESSIONAL ELECTRONICS ENGINEER

PRC NO: 1576

TIN: 281035059

PTR NO: 7705349

ISSUED ON: MAY 27, 2025

ISSUED AT: TUBIGON, BOHOL

PROJECT NAME:

**SUPPLY, DELIVERY, INSTALLATION & COMMISSIONING OF BASE
RADIO**

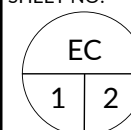
LOCATION: BRGY. CATMONAN , MUNICIPALITY OF CALAPE

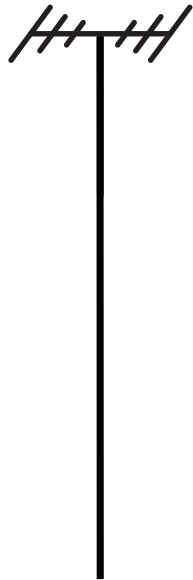
COORDINATES: 9.887501463053662, 123.88057826716334

APPROVED BY:

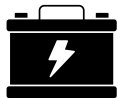
**HON. ELEORA C. SY
PUNONG BARANGAY**

SHEET NO:





RX



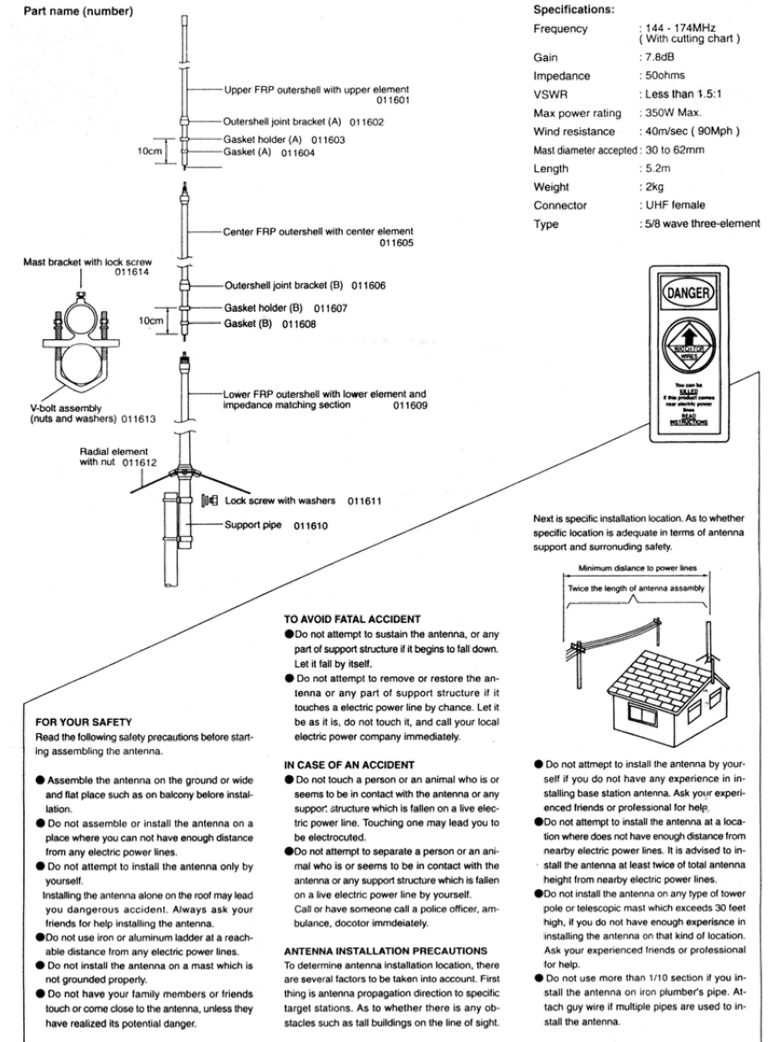
CIGNUS F23H BASE ANTENNA (TX/RX)
FREQUENCY RANGE: 137 - 174
WITH CUTTING CHART TO MATCH
THE IMPEDANCE OF THE ASSIGNED
VHF FREQUENCY

CIGNUS 828MINI VHF STATION BASE RX & TX
POWER: 25 WATTS
FREQUENCY: 137 - 174 Mhz
NTC TYPE APPROVED

RADIO POWER SUPPLY
OUTPUT VOLTAGE: 13.7V
MAX CURRENT: 30A
BATTERY CHARGER

DEEP CYCLE BATTERY
CAPACITY: 100AH
VOLTAGE RATING: 12V

VHF BASE RADIO SINGLE LINE DIAGRAM



VHF ANTENNA MOUNTING PROCEDURES



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