Rover Postcard Setup

Note: All settings are standard except shown below

1) Configure GNSS Receiver

1) Set measurement rate in Hz: 10.00000
2) Set measurement rate in seconds between measurements: 0.10000
   Note: The measurement rate is overridden to 1Hz when in Base mode.
3) Set dynamic model: Dynamic
4) Set Constellations
   1) Constellation GPS: Enabled
   2) Constellation GLONASS: Enabled
   3) Constellation Galileo: Enabled
   4) Constellation BeiDou: Enabled
   5) Constellation QZSS: Disabled
   6) Constellation NavIC: Disabled
   7) PPP Mode: Disabled
5) Minimum elevation for a GNSS satellite to be used in fix (degrees): 10
6) Minimum satellite signal level for navigation (dBHz): 10
7) Toggle NTRIP Client: Disabled
16) GNSS-Specific Configuration

2) Configure GNSS Messages

Active messages: 2

1) Set NMEA Messages
   1) Message RMC: 0
   2) Message GGA: 1
   3) Message GSV: 0
   4) Message GSA: 0
   5) Message VTG: 1
   6) Message GLL: 0
   7) Message GBS: 0
   8) Message GNS: 0
   9) Message GST: 0
   10) Message ZDA: 0
   11) Message HDT: 0
   12) Message THS: 0
2) Set Rover RTCM Messages
   1) Message RTCM3-1005: 0
   2) Message RTCM3-1006: 0
   3) Message RTCM3-1033: 0
   4) Message RTCM3-107X: 0
   5) Message RTCM3-108X: 0
   6) Message RTCM3-109X: 0
   7) Message RTCM3-111X: 0
   8) Message RTCM3-112X: 0
   9) Message RTCM3-113X: 0
   10) Message RTCM3-1019: 0
   11) Message RTCM3-1020: 0

12) Message RTCM3-1041: 0
13) Message RTCM3-1042: 0
14) Message RTCM3-1044: 0
15) Message RTCM3-1046: 0
16) Message RTCM3-1230: 0

3) Set Base RTCM Messages
1) Message RTCM3-1005: 0
2) Message RTCM3-1006: 0
3) Message RTCM3-1033: 0
4) Message RTCM3-107X: 0
5) Message RTCM3-108X: 0
6) Message RTCM3-109X: 0
7) Message RTCM3-111X: 0
8) Message RTCM3-112X: 0
9) Message RTCM3-113X: 0
10) Message RTCM3-1019: 0
11) Message RTCM3-1020: 0
12) Message RTCM3-1041: 0
13) Message RTCM3-1042: 0
14) Message RTCM3-1044: 0
15) Message RTCM3-1046: 0
16) Message RTCM3-1230: 0

4) Set PQTM Messages
10) Reset to Defaults
11) Reset to PPP Logging (NMEAx7 / RTCMx4 - 30 second decimation)
12) Reset to High-rate PPP Logging (NMEAx7 / RTCMx4 - 1Hz)
13) MSM Selection: MSM4
14) Minimum Elevation for RTCM: -90

3) Configure Base

4) Configure Ports
1) Set serial baud rate for Radio Port: 57600 bps
2) Set serial baud rate for Data Port: 230400 bps
3) Output GNSS data to USB serial: Disabled
4) Allow incoming corrections on RADIO port: Enabled
5) Limit RADIO port output to RTCM: Disabled

5) Configure Logging
6) Configure WiFi
7) Configure TCP/UDP
f) Firmware Update

i) Configure Corrections Priorities
1) Correction source lifetime in seconds: 60

	Priority	Status	Last Seen	Source
A / a)	0	inactive		External Radio

F / f) 1 inactive TCP (NTRIP)
B / b) 2 inactive ESP-NOW
C / c) 3 inactive LoRa Radio
D / d) 4 inactive Bluetooth
E / e) 5 inactive USB Serial
G / g) 6 inactive PPP HAS/B2b
H / h) 7 inactive L-Band
I / i) 8 inactive IP (PointPerfect/MQTT)

p) Configure PointPerfect

1) Select PointPerfect Service: Disabled
i) Show device ID

r) Configure Radios

s) Configure System

Mode: Rover
A) Switch to Base mode using Base Assist
B) Switch to Base mode
C) Switch to Base Caster mode
R) Switch to Rover mode
W) Switch to Web Config mode
----- Settings -----
a) Automatic device reboot in minutes: Disabled
b) Set Bluetooth Mode: Classic
c) Shutdown if not charging: Disabled
d) Debug software
e) Echo User Input: On
h) Debug hardware
l) Debug LFS and SD card files
n) Debug network
o) Configure operation
p) Configure periodic print messages
26) RTK state: Enabled (all others disabled)
r) Reset all settings to default
u) Printed measurement units: meters
z) Set time zone offset: -7:00:00

~) Setup button: Enabled

t) Configure Instrument Setup

u) Configure User Profiles