

UNAVCO POLAR RECEIVER CONFIGURATION FORM

Receiver: **TRIMBLE NETRS**
 Firmware: **1.3-2 (form also applies to 1.3-0 and 1.3-1, but recommend 1.3-2)**
 Config. Form Version: **1.0**
 Date: **Dec 3 2012**

Project / Network:

System ID:

Configured by:

Upon completion this hardcopy is placed in network folder with the Polar Network Engineer.

TRIMBLE NETRS

Date: _____
 UNAVCO ID: _____
 Serial Number: _____

<u>SETTING</u>	<u>POLAR DEFAULT</u>	<u>ACTUAL</u>
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Commonly modified settings are shown in *RED Italics*

Receiver Status:

<i>Identity</i>	<i>NAME</i>	_____
<u>Firmware Version</u>	1.3-2	_____

Satellites:

<u>GPS Enable/Disable:</u>		
Enable	All Checked	_____
Ignore Health	All NOT Checked	_____
<u>WAAS Tracking:</u>	Off	_____
<u>Data:</u>	N/A	_____

Data Logging:

<u>Primary Session:</u>	ENABLED	_____
Select Session:	60min	_____
Enabled:	Checked	_____
Schedule:		
Continuous Logging:	Checked	_____
File Durations:	60 minutes	_____
Data Format:	T00	_____
T00 Options:		
<i>Measurement Interval:</i>	<i>30 Sec</i>	_____
Position Interval:	10 min	_____
Smooth Code Phase:	NOT Checked	_____
Smooth Carrier Phase:	NOT Checked	_____

Use Record Type 27:	NOT Checked	_____
Include Raw WAAS Data:	NOT Checked	_____
File Naming:		
'S' (The Session Identifier) is:	a	_____
Directory Options:		
Create Per-Day Subdirectories:	Checked	_____
Create Per-SessionId Subdirectories:	NOT Checked	_____
<u>Secondary Session:</u>	NOT ENABLED	_____
Select Session:	1Hz	_____
Enabled:	NOT Checked	_____
Schedule:		
Continuous Logging:	Checked	_____
File Durations:	30 minutes	_____
Data Format:	T00	_____
T00 Options:		
<i>Measurement Interval:</i>	<i>1 Sec</i>	_____
Position Interval:	10 Min	_____
Smooth Code Phase:	NOT Checked	_____
Smooth Carrier Phase:	NOT Checked	_____
Use Record Type 27:	NOT Checked	_____
Include Raw WAAS Data:	NOT Checked	_____
File Naming:		
'S' (The Session Identifier) is:	b	_____
Directory Options:		
Create Per-Day Subdirectories:	Checked	_____
Create Per-SessionId Subdirectories:	Checked	_____
<u>AutoDelete:</u>		
<i>Reserved Space:</i>		
<i>AutoDelete</i>	<i>Checked</i>	_____
MBytes	15	_____
<i>Note: with these settings the NetRS will write datafiles until the disk is within the above amount of space of being full. At that point it will delete the oldest files to maintain this amount of free disk space.</i>		
<i>Note: new stations have autodelete not checked</i>		
Session Pools:	None Defined	_____
<u>Power Saving:</u>		
Power Down Betw. Sessions Mode:	No	_____
Failsafe Wakeup Alarm:	Yes, for 10 minutes every 24 hours	_____

Receiver Configuration:

Antenna:

<i>Numeric Serial Number:</i>	_____
<i>Text Serial Number:</i>	_____
<i>Radome Serial Number:</i>	_____
<i>Antenna Name:</i>	_____
<i>NGS/IGS Name:</i>	_____
<i>Height:</i>	_____
<i>Height Reference Point:</i>	_____

<u>Clock Steering:</u>	Enabled	_____
<u>Multipath:</u>	Disabled	_____
<u>L2C Tracking:</u>	L2-Y-code Only	_____
<u>Masks:</u>		
Elevation Mask:	7	_____
PDOP Mask:	99	_____
<u>One Pulse Per Second:</u>	Disabled	_____
<u>Reference Frequency:</u>	Internal	_____
<u>Configuration Files:</u>	Create, download, and save configuration file after configuration complete. See end of form.	
<u>Shutdown Voltage:</u>	11.000	_____
<u>System Reset:</u>		
Enable AutoReboot Timer	checked	_____
Time Limit in Hours	720	_____

Internet:

<u>Ethernet:</u>		
Static IP:		
IP Address:	192.168.1.2	_____
MTU:	1500	_____
Netmask:	255.255.255.0	_____
Gateway:	192.168.1.1	_____
<u>HTTP:</u>		
HTTP Standard Port 80:	Enabled	_____
HTTP Alternate Port 8080:	Disabled	_____
HTTPS Standard Port 443:	Enabled	_____
HTTPS Alternate Port 8443:	Disabled	_____
<u>IP Filtering:</u>	Disabled	_____
<u>FTP:</u>		
Anonymous FTP:	Enabled w/o Delete	_____
Named FTP:	Disabled	_____
Administration FTP:	Disabled	_____
FTP Server Port:	Use Standard Port	_____
<u>NTP Client:</u>	Disable using NTP time servers	_____

I/O Configuration:

<u>Input/Output Summary:</u>		
Serial Port 1 Service:	PPP	_____
Serial Port 1 Enable:	not checked	_____
Serial Port 2 Service:	PPP	_____
Serial Port 2 Enable:	checked	_____
Serial Port 3 Service:	Met	_____
Serial Port 3 Enable:	checked	_____
Serial Port 4 Service:	PPP	_____
Serial Port 4 Enable:	checked	_____

FOLLOWING ARE SERIAL PORT SETTINGS FOR PPP

Service:	PPP	_____
Baud:	19200	_____
Flow Control:	None	_____
Parameters for PPP mode:		
<i>Local IP Address:</i>	<i>192.168.xx.2</i>	_____
<i>Remote IP Address:</i>	<i>192.168.xx.1</i>	_____
Connection:	Direct	_____

FOLLOWING ARE SERIAL PORT SETTINGS FOR MET

Service:	Met-Tilt	_____
Baud:	19200	_____
Parity:	None	_____
Flow Control:	None	_____
Parameters for Met-Tilt mode:		
Command:	OR0	_____
<i>Schedule:</i>	<i>30 minutes</i>	_____

<u>Reference Station:</u>	N/A	
<u>Client Authentication:</u>	N/A	
<u>Port Advertising:</u>	Disabled	_____
<u>PPP Dialout:</u>	N/A	

Security:

<u>Access:</u>		
System Controls:	Unrestricted	_____
GPS Controls:	Unrestricted	_____
File Access:	Unrestricted	_____
<u>Accounts:</u>	N/A	
<u>Change Password:</u>	N/A	

Firmware:	1.3-2	_____
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Programmatic Interface:	N/A	
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Create configuration file	<i>Filename</i>	_____
Include system NAME and date in configuration filename.		

Download and save configuration file		_____
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