



TECH NOTES

June 5, 2008

WELCOME TO TECH NOTES - FRONTIER PRECISION'S MONTHLY E-NEWSLETTER!!! TECH NOTES IS DESIGNED TO KEEP YOU UP TO DATE WITH TIPS AND INFORMATION ON THE LATEST TECHNOLOGY IN SURVEYING, CONSTRUCTION, AND GIS. OUR COMPANY GOAL IS TO HELP YOU BE MORE EFFICIENT AND MORE PROFITABLE BY UTILIZING TODAY'S TECHNOLOGY.

If this email is not displaying properly, please open the attached PDF file... also attached is FPI's current Used Equipment list.

IMPORTANT NOTICES -

*** A NANU FORECAST OUTAGE HAS BEEN ISSUED FOR JUNE 7-8, 2008... GPS SATELLITE 25 WILL BE OFF SATURDAY JUNE 7TH & SUNDAY JUNE 8TH

*** MN DOT IS CURRENTLY UPDATING SEVERAL BASE STATIONS TO NEW GLONASS CAPABLE RECEIVERS; EXPANDING THE CURRENT GLONASS NETWORK WEST TO SAUK CENTER, MN AND NORTH TO DULUTH, MN. THESE UPDATES SHOULD BE COMPLETED WITHIN THE NEXT WEEK. YOU CAN GO TO THE MN DOT LAND MANAGEMENT WEBSITE TO CHECK IF THIS WILL AFFECT YOUR WORK AREA BY CLICKING THE LINK BELOW:

[HTTP://WWW.OLMWEB.DOT.STATE.MN.US/CORS.GPS/CORS.HTML](http://www.OLMWEB.DOT.STATE.MN.US/CORS.GPS/CORS.HTML)

TECH SUPPORT HOTLINE 888.797.4774

Converting Trimble Files to RINEX

With recent GPS Receiver versions, we have noticed that some applications require the RAW GPS Receiver files be converted to RINEX to make them useful, especially when using OPUS. If you try to send a Trimble RAW .dat file to OPUS from a Trimble R8 GNSS, newer R8, or 5800 Receiver...it might reject the file. This means it MUST be converted to RINEX before it can be used. Trimble GeoMatics Office has a RINEX converter, but it does not support these newer file versions very well.

It is recommended that users download the new RINEX Converter program from the Trimble Support website:

([click here to go to www.trimble.com/trimblerinex_ts.asp](http://www.trimble.com/trimblerinex_ts.asp))

This converter runs as a standalone program and will convert both .dat and .T01 files. Please use this program when converting Trimble files to RINEX.

If you have any questions, please contact **FPI's Tech Support Hotline at 888-797-4774.**

Current Firmware Versions

Trimble 5700/5800/R7/R8	2.32
Trimble R8 GNSS	3.50
Trimble TSC2/ TCU Survey Controller	12.22
Trimble ACU/TSCe Survey Controller	11.40
Trimble TSC2/CU/TSCe Survey Pro w/ TSX	4.5.3
Trimble NetRS	1.20
Trimble NetR5	3.60
Trimble S6	R10.0.58
Trimble HPB450 / PDL450	2.42
Trimble Geomatics Office	1.63
Trimble TerraModel	10.43
Trimble TerraSync	3.20
Trimble Pathfinder Office	4.10

Upcoming Events

MSPS Summer Meeting - Alexandria, MN

July 31 - August 1 2008

Arrowwood Resort

(Click the link above for more information)

Looking for quality Used Equipment???

A listing of Frontier Precision's Used Equipment Inventory is attached to this email.

Call your local sales rep for more information.



Current Trade-In Promotions

Upgrade your old equipment and get more productive with Trimble's newest technologies!!! Contact your local Frontier Precision Sales Rep for details or click on the regional links below to find a local sales specialist.

Receive up to:	Towards the purchase of a new:
\$4000	Trimble S6 Servo, Autolock, or Robotic Total Station
\$5000	Trimble 5700, R7, 5800, R8, or R8 GNSS GPS System
\$1000	Trimble TSC2 w/ Trimble Field SW
\$10,000	Trimble R6 GPS System

Visit www.frontierprecision.com for more information!!!

Or click the area links below to reach a Frontier Precision Sales & Solution Specialist.

North & South Dakota	Northern Minnesota	Twin Cities Metro / Southern MN	Colorado
2020 Frontier DR Bismarck, ND 58504 800.359.3703	2852 7th ST N. St Cloud, MN 56303 800.944.8557	8039 24th Ave S. Bloomington, MN 55425 877.698.3077	5855 E Stapleton DR N. Suite140 Denver, CO 80216 800.652.1522