GPS Support in Geospatial Display

GPS capabilities are available in all of TNT's standard display windows. A GPS menu in the View window lets you select GPS sources and configure GPS symbols. You can select one or more GPS units and log files for coordinate inputs. You can choose any number of tracking symbols to show moving and stationary input.

GPS	
Source 🛌	\vdash
" Auto-Scroll	_
Speed Units 🕞 🕨	
Open Log	
Add Device	
Source Manager	

r southriv.gps
r GPS1 on COM1

The GPS menu's **Source** selection lets you toggle on and off the display of the symbol for each active GPS source.

■GPS Status and Control Source: GPS1 on COM1

Status Control Symbol

Styles... C:/TNT/win32/STDSTY

The **Auto-Scroll** toggle tells the display process to scroll in the direction of the moving GPS source and re-center the view when the source moves off the edge.

The **Open Log** selection opens the file / object selection window so you can select a log file. Your GPS device can create a log file (*.gps) from saved coordinates, or you can create a log file with a text editor or spreadsheet.

The **Add Device** selection opens the Add GPS Device window so you can select a GPS source.

■Add GPS Device	
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Protocol: NHEA 0183 🛥	devices gener-
Port: COM1	ate an NMEA
COM2 OK Cancel Help	output stream.
OK Cancel Melp	-

■GPS Source Manager _	
GPS1 on COM1 (Active) southriv.gps (Active)	
Open Log Add Device Remove Controls	
Close	

The Source Manager selection opens the GPS Source Manager window for adding and removing GPS sources and log files. The Controls button opens the GPS Status and Control window.

Select symbol

color and

The **Status** tab in the **GPS Status and Control** window shows all current readings for the selected GPS device. The **Control** tab lets you record and play log files. The **Symbol** tab lets you change the symbols, colors, and sizes for moving and stationary GPS sources.

Symbol For: Moving different sym-Point Symbol bols for Stopped Point Type: Select a position symbol to Yiew Tool GPS Options teardrop encircled and Moving represent a moving GPS 🞯 🖽 🔲 🕗 😹 ଣ ରା ସା ସା ସା 🦉 🔽 💺 🛃 😹 sources. uedge source. The heading reported Color... focus ilouble by the GPS device determines Height: 8.00 Ridth: 8.00 millineters the direction that the symbol ■ Width Same as Height Angle: 0.00 points. E Sample ĴĊ Select a different position elect Sumbol symbol to represent a **...** stationary GPS source. 💋 🎉 🗙 🍋 Set... User The symbol on the display $(\widehat{)} \land \widehat{\bullet}$ | **‡** automatically changes from Stopped to Moving when the state of the GPS device You can select any symbol changes. created with the TNTmips symbol editor. Remember, Each active GPS source If the GPS device the symbol editor lets you shows a separate reports a position open any TrueType font and symbol whose position beyond the extents select any character or glyph 2 is updated continually. of the project Name: double material, this GPS symbol points in the direction OK Cancel Help 8146 💥 💅 🛊 Yiew: 1.0 Scale: N 38. of the GPS location. Time to draw: 1 Second