Fastrak User Manual Errata (dated 12 April 2002)

The following sections of the Fastrak II manual are corrected/clarified.

Section 4.5, I/O select Switch, Page 18: The hardware handshaking option has been discontinued in the Fastrak II.   Switch # 4 has no effect.

Section 4.6, External Sync I/O, Page 19: The external sync is a single ended signal in the Fastrak II. It is not differential. The ground return is assumed to be through earth common. If the sync generating circuit is isolated from earth ground than a wire must be attached between the two equipment's chassis. Contact technical support for more information.

Section 4.8, RS232 I/O, Page 20: The pin out for the RS-232 option is clarified

Fastrak End   User End

1 Not used
2 RxD <-------------------------------- TxD Transmit Data to the Fastrak
3 TxD   --------------------------------> RxD Receive Data from the Fastrak
4 Not used
5 ------- GND
6 Not used
7 Not used
8 Not used
9 Not used

Section 4.9, Optional RS-422, Page 21: The pin out for the RS 422 option is clarified as follows.

Fastrak End   User End

1 TxB   --------------------------------> RxB Non inverting receive input
2 Not used
3 Not used
4 RxB <-------------------------------- TxB Non inverting transmit output
5 Not used
6 TxA --------------------------------> RxA Inverting receive input
7 Not used
8 Not used
9 RxA <-------------------------------- TxA Inverting transmit output

Page 93 (v command)

The default mode for the attitude filter is "medium".
F =   0.2
FLOW =   0.2
FHIGH =   0.8
FACTOR =   0.95

Page 96 (x command)

The default mode for the position filter is "medium".
F =   0.2
FLOW =   0.2
FHIGH =   0.8
FACTOR =   0.95