

## ***MANUAL ERRATA***

### ***E.0 INTRODUCTION***

This section contains information on equipment changes made after the printing of this manual. The change described in this section are included in units with serial numbers 8195 – 0670 and above or shipped after May 28, 1998. Please review and incorporate these changes into Model 8195 instruction manual.

### ***E.1 CHANGE DESCRIPTION***

Firmware version 1.07 changes the operation of the GPS Tracking Alarms AT2 and AT3. Tracking Alarm AT1 operation remains unchanged. Tracking Alarms are used to indicate how long the Model 8195 has been unable to receive satellites. Count down timers are started whenever the receiver is not tracking any satellites. As the period configured for each Alarm Timeout (AT1, AT2 and AT3) expires the associated Tracking Alarm is asserted. Factory default periods are; AT1= 1 minute, AT2 = 2 hours 30 minutes and AT3= 30 days. Alarm Timeout periods are configurable from zero seconds to 999 days using the RS-232 or RS-485 communication ports.

On previous firmware versions, the count down timers reset to their Alarm Time out values upon reacquiring a single satellite. On firmware version 1.07, Alarm Timeouts AT2 and AT3 do not reset until the receiver acquires a minimum of 4 satellites and achieves A 3-D fix for 1 minute. Alarm Timeout AT1 resets upon acquiring a single satellite.

### ***E.2 MANUAL CHANGES***

Page 3 – 1, Section 3.1 Alarm Description.

Replace paragraph 2 with the following:

In addition to Major and Minor Alarms, GPS Tracking Alarms are provided to communicate GPS lock status. The Tracking Alarms are available as three independently programmable timers. The timers begin counting down when the Model 8195 is not tracking any satellites. The Alarm Timeouts are designated as AT1, AT2, and AT3 and are factory configured respectively for 1 minute, 2.5 hours and 30 days. An alarm is asserted as the designated period for each Alarm Timeout expires. The AT1 count down timer is reset when the receiver reacquires a satellite. The AT2 and AT3 timers reset when the receiver acquires a minimum of four satellites and has achieved a 3-D fix for one minute. The Alarm Timeouts are configurable from zero seconds to 999 days using the RS-232 or RS-485 communication ports. Refer to Section 4 for a description of the Alarm Timeout configuration commands AT1, AT2 and AT3.