

- The LD8 WebUI provides a terminal for receiver configuration and querying system status using commands
- Access the terminal from the main page by navigating to **Tools > Terminal**
- Use **SAVEETHERNETDATA ETHA** to save IP address-related changes and **SAVECONFIG** to save any other changes

## L-BAND

### CHECK UNIT STATUS

**LOG VERIPOSSTATUSA**

VERIPOSSTATUSA, WCOM1, 0, 67.0, FINESTEERING, 2040, 375008.267, 02008020, 0719, 14970, **ENABLE**, **LOCKED**, \*0d439ce3

- Access options available are: ENABLE or DISABLE. • Sync options are: LOCKED or NO\_SIGNAL

### CHECK TRACKED L-BAND BEAM & SIGNAL STRENGTH

**LOG L BANDTRACKSTATA**

L BANDTRACKSTATA, WCOM1 30, 0, 67.5, FINESTEERING, 2043, 205035.000, 02008020, 29e3, 14970; 3, **25E**, 1545825000, 1200, 974c, 00c2, 0, -223.438, **44.399**, 4.0385, 23928.572, 455744, 23, 22, 58335232, 2873, 0.0000, "", 0, 0, 0000, 0003, 0, 0.000, 0.000, 0.00

- Tracked L-Band beams are found in quotation marks, i.e. "25E". • Signal strength is the 19<sup>th</sup> comma-separated value.

### SELECT AN L-BAND BEAM

**ASSIGNL BANDBEAM** **AUTO**

- Options available are: AUTO, 98W, AORW, 25E, IOR or 143.5E.

### CHECK UNIT ID & SERVICE CODE (IF ENABLED)

**LOG VERIPOSINFOA**

VERIPOSINFO, WCOM1, 0, 66.5, FINESTEERING, 2040, 378378.140, 03008020, 2bd7, 14970, **123456**, NCC\_CONTROLLED, 80000733, **X**

- The unit ID will be a 6-digit number, and the service code will be a single alpha-numeric character

## GNSS

### CHANGE PPP CORRECTIONS SOURCE

**PPPSOURCE** **AUTO**

- Options available are: AUTO, APEX or ULTRA

### ENABLE NMEA TYPES FOR COM 1-3

**LOG COM1 GPGGA** **ONTIME 1**

- Options available are: GPGGA, GPGSA, GPGLL, GPGSV, GPVTG, GPRGS, GPZDA, GPRMC, GPGST, BESTPOS VERIPOSTRINAVSENTENCE, VERIPOSUKOOASENTENCE and GPHDUALANTENNA

### DISABLE NMEA TYPES FOR COM 1-3 (GPGGA EXAMPLE)

**UNLOG COM1 GPGGA**

### SET BAUD RATES FOR COM 1-3

**SERIALCONFIG COM1** **9600** **N 8 1 N OFF**

- Options available are: 2400, 4800, 9600, 19200, 38400, 57600, 115200, 230400 and 460800

## ADDITIONAL CONFIG

### CHECK IP & SUBNET SETTINGS

**LOG IPSTATUSA** **ONCE**

IPSTATUSA, COM1\_30, 0, 65.0, FINESTEERING, 2043, 203989.000, 02008020, 7fe2, 14970; 2, ETHA, **192.168.1.123**

- Users can find IP and subnet settings within quotation marks, preceded by 'ETHA'.

### CHANGE ETHERNET STATIC IP

**IPCONFIG ETHA STATIC 192.168.2.8 255.255.255.0 192.168.2.1**

- The format for this command is as follows: IPCONFIG [interface\_name] [address\_mode] [IP\_address] [netmask] [gateway]

### CHANGE FROM STATIC IP TO DHCP

**IPCONFIG ETHA DHCP**

- To change back to static IP, follow the 'CHANGE ETHERNET STATIC IP' instruction.

### ENABLE PULSE PER SECOND

**PPSPCONTROL** **ENABLE** **NEGATIVE**

- Options available are: POSITIVE or NEGATIVE.

### DISABLE PULSE PER SECOND

**PPSPCONTROL** **DISABLE**

### LIMIT DQI

**GGAQUALITY 4 OUT\_OF\_BOUNDS 2 WAAS 2 PPP** **2** **PSRDIFF 2**

- The provided example will limit the DQI to 2. Alternatively, enter '5' to restrict the DQI to 5.

### CHANGE NMEA PRECISION

**NMEAFORMAT GGA\_LATITUDE** **10.5**

- The provided example will change the Latitude to a precision of 5 decimal places on the minutes.
- Detailed below are the commands required to change Latitude and Longitude for each precision value:

Precision	Latitude	Longitude
5	<b>NMEAFORMAT GGA_LATITUDE 10.5</b>	<b>NMEAFORMAT GGA_LONGITUDE 11.5</b>
6	<b>NMEAFORMAT GGA_LATITUDE 11.6</b>	<b>NMEAFORMAT GGA_LONGITUDE 12.6</b>
7	<b>NMEAFORMAT GGA_LATITUDE 12.7</b>	<b>NMEAFORMAT GGA_LONGITUDE 13.7</b>
8	<b>NMEAFORMAT GGA_LATITUDE 13.8</b>	<b>NMEAFORMAT GGA_LONGITUDE 14.8</b>

## Contact Hexagon | Veripos

For further guidance, download the *LD8 Installation and Operations Manual* from [www.veripos.com](http://www.veripos.com)  
Alternatively, for expert 24/7 advice via phone or email, raise a request for assistance via [support@veripos.com](mailto:support@veripos.com).