

E.g.

ID#abc1234+TM#14:12:12+DT#2014-10-03+LT#10.6667+LN#122.9500+AT#10+SP#12+CO#10

Headers - ID, TM, DT, LT, LN, AT, SP, CO

ID# : GPS ID provided by GPS Registration System (8-12 characters)

TM# : Time of GPS reading in HH:MM:SS format

DT# : Date of GPS reading in YYYY-MM-DD format

LT# : Latitude reading in DDD.dddddd

LN# : Longitude reading in DDD.dddddd

AT# : Altitude reading in meters

SP# : Speed reading in km per hour

CO# : Course/Heading in degrees (0 degrees = north, 90 degrees = east, etc)

3) During Operation

The firmware of the GPS device must be able to perform the following:

- Send the General Packet Radio Service (GPRS) data to the server via Transmission Control Protocol (TCP) or User Data Protocol (UDP) on a pre-defined interval with the correct format.
- Only data streams required should be sent to the server.
- Device must be able to send data to the server at least every 30 seconds.
- Settings have the provision to be remotely configured via Short Message Service (SMS) or Global System for Mobile (GSM) or GPRS including but not limited to:
 - sending time
 - IP address
 - port.
- Handle GPS signal loss or erratic readings
 - if received data is erratic, last good known coordinates will be sent.
- Handle GSM signal loss
 - in the absence of GSM signal, all data will be stored and will be sent once GSM signal is again detected.
- Log sent data.
- Has provision for direct download of data logs to personal computer.

II. APPLICATION FOR ACCREDITATION

An Application for the Issuance of a Certificate of Accreditation shall be made in writing on a form provided by the Board, and signed and sworn to by the applicant, or if the applicant is a juridical entity, by its duly authorized representative. Each Application, in addition to other documents that are required, shall submit at a minimum the following:

- 1) If the applicant is an individual:
 - a. Full Name;
 - b. Residence Address;