$SAMOS:001, CS:WTEY, YMD:20130709, HMS:192108, LAT:21.37, LON:-157.96, GYRO:51.17, COG:182.6, SOG:0.1, ATEMP:29.5, BARO:1018.01, RELH:57.19, RWDIR:31.86, RWSPD:12.32, TWDIR:82.92, TWSPD:12.34, TSGWT:28.28, TSGC:5.0306, TSGS:35.472, TSGSV:1542.44, WTEY:WTEY

|  |  |
| --- | --- |
| **SCS DESIGNATOR** | **SAMOS DESCRIPTIVE NAME** |
| YMD | TIME |
| HMS | TIME |
| LAT | LATITUDE (LAT) |
| LON | LONGITUDE (LON) |
| GYRO | PLATFORM HEADING (PL\_HD) |
| COG | PLATFORM COURSE (PL\_CRS) |
| SOG | PLATFORM SPEED OVER GROUND (PL\_SPD) |
| ATEMP | AIR TEMPERATURE (T) |
| BARO | ATMOSPHERIC PRESSURE (P) |
| RELH | RELATIVE HUMIDITY (RH) |
| RWDIR | PLATFORM RELATIVE WIND DIRECTION (PL\_WDIR) |
| RWSPD | PLATFORM RELATIVE WIND SPEED (PL\_WSPD) |
| TWDIR | EARTH RELATIVE WIND DIRECTION (DIR) |
| TWSPD | EARTH RELATIVE WIND SPEED (SPD) |
| TSGWT | SEA TEMPERATURE (TS) |
| TSGC | CONDUCTIVITY (CNDC) |
| TSGS | SALINITY (SSPS) |
| TSGSV | n/a |
| (V\_Baro – no longer active in SAMOS system)  | (ATMOSPHERIC PRESSURE 2 (P2)) |