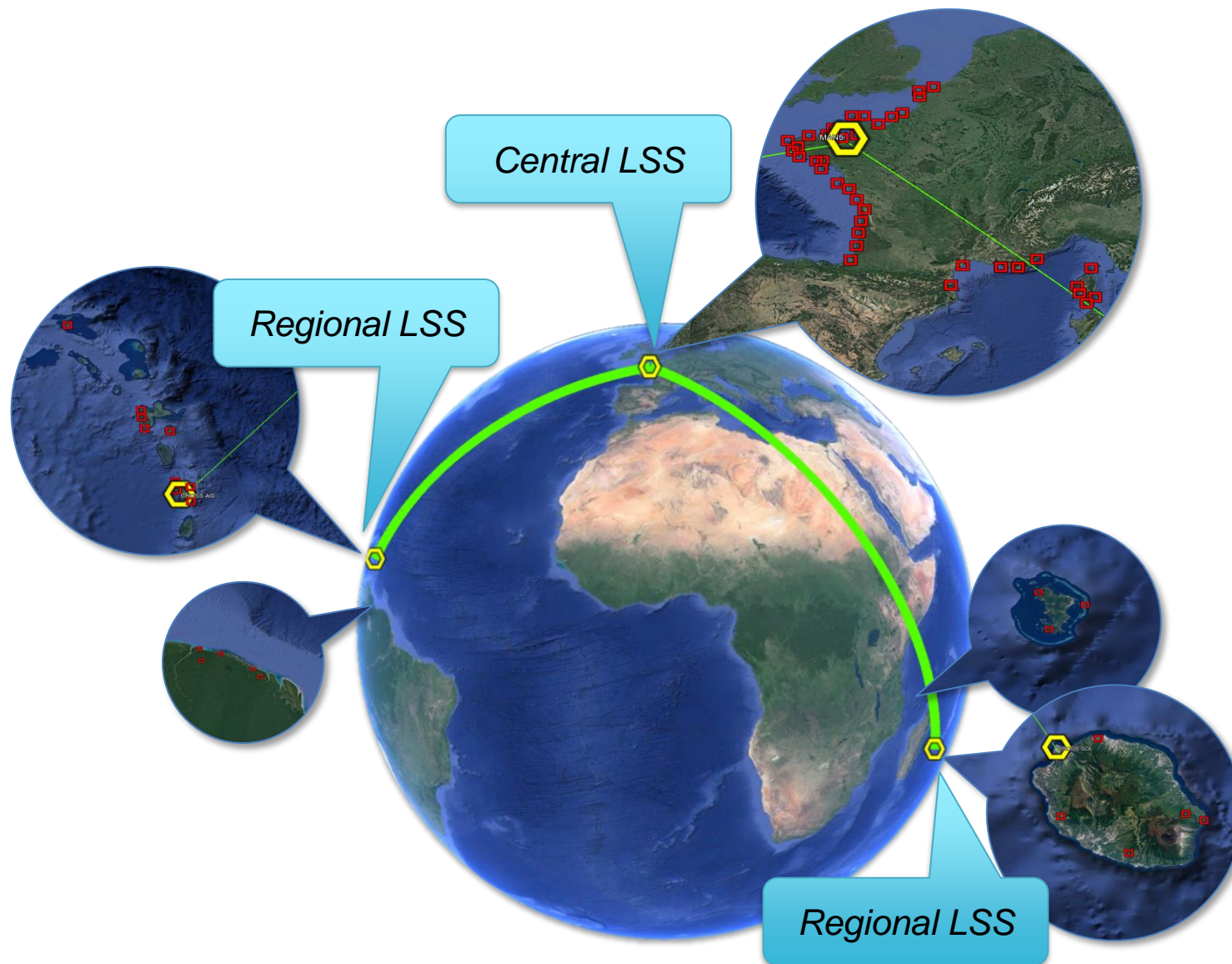
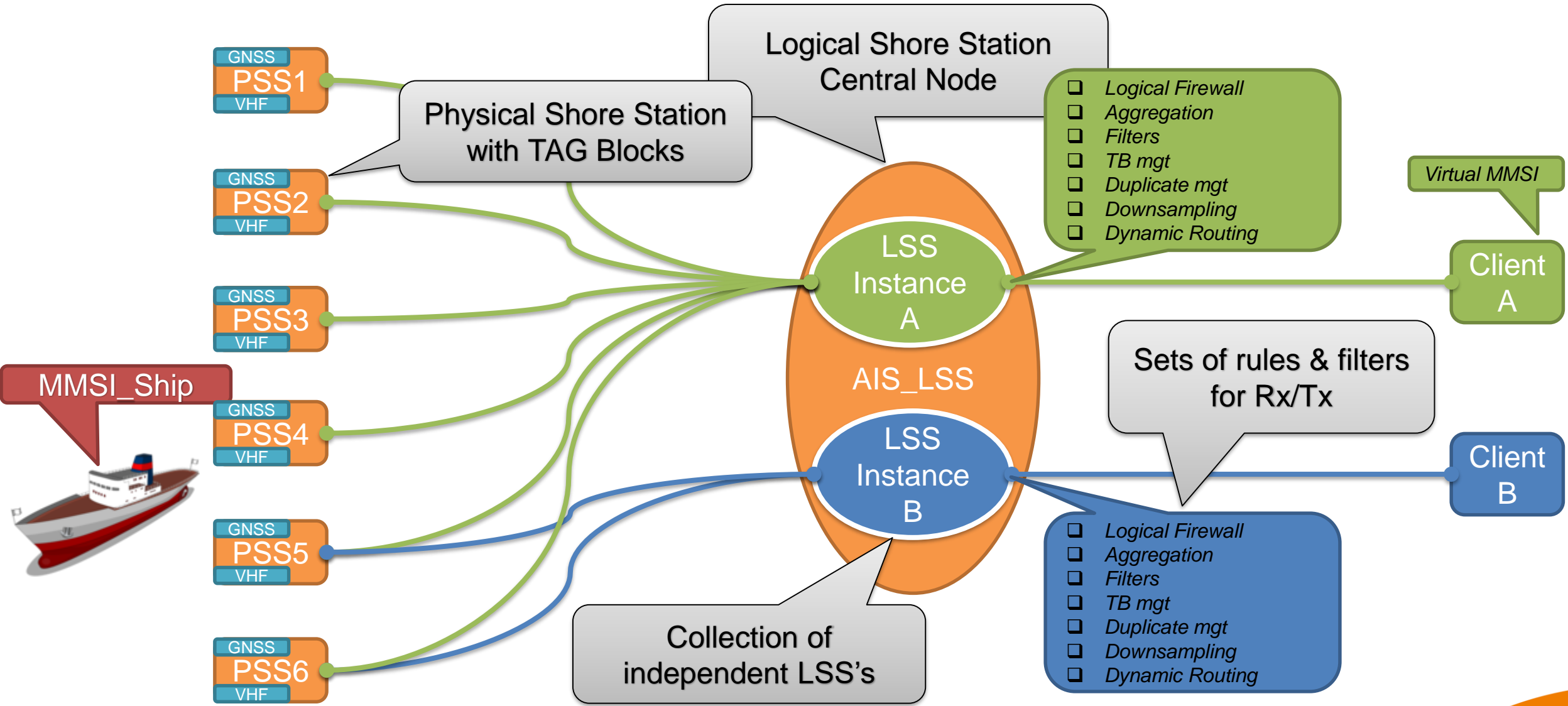


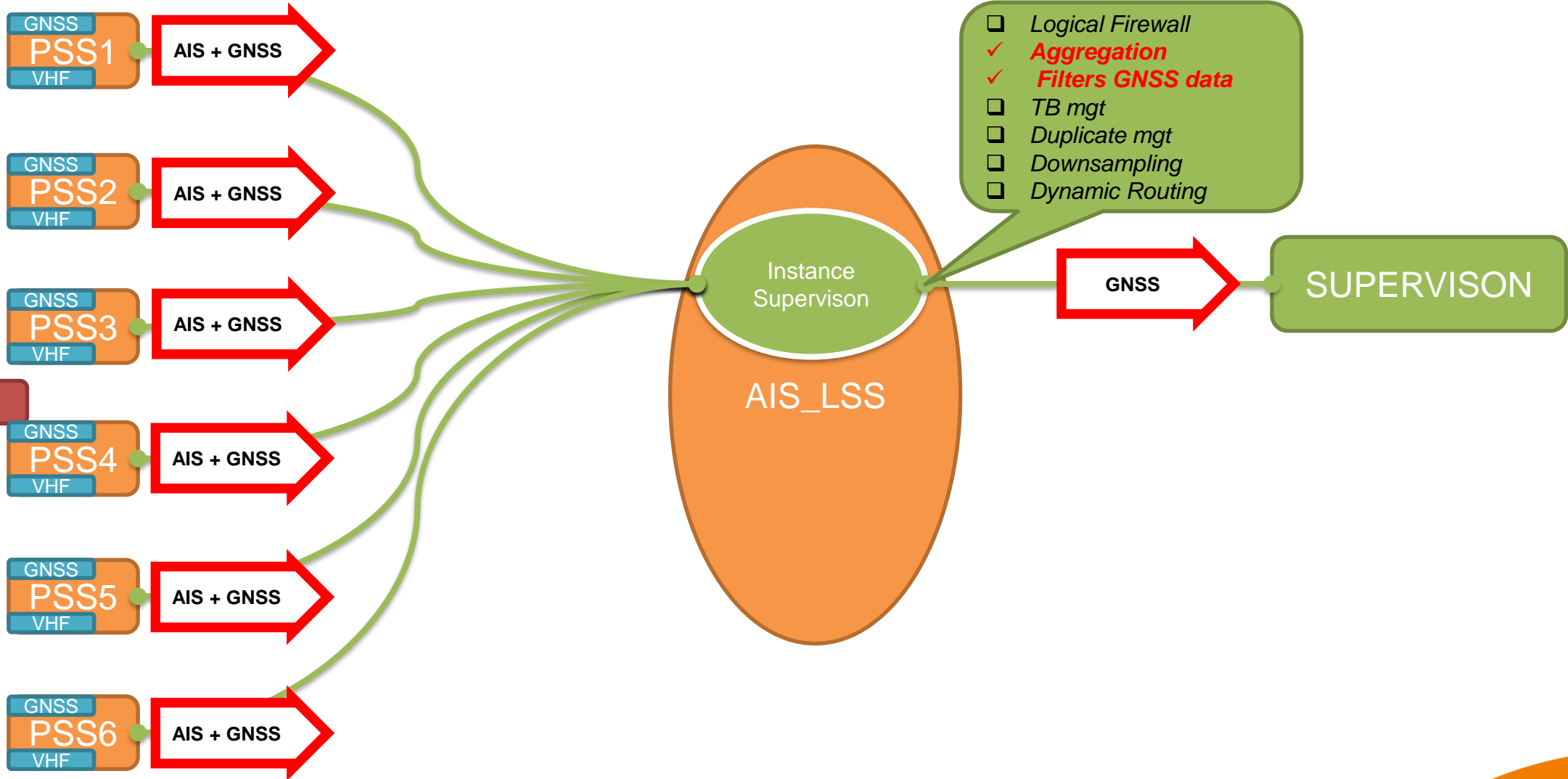
Logical Shore Station

×

GNSS Supervision







GPS / GLONASS / GALILEO

20 seconds Tx rate from s:PSS1 at c:UNIX time

ls:**PSS1**,n:9,c:**1677505892***02\G**PGST**,135132.00,17,,,,1.8,1.7,2.8*53

ls:**PSS1**,n:10,c:**1677505893***3B\G**PRMC**,135133.00,A,4821.56351,N,00434.03244,W,0.003,0.00,270223,,,A*76

ls:**PSS1**,n:11,c:**1677505893***3A\G**PGGA**,135133.00,4821.56351,N,00434.03244,W,1,11,1.05,72.8,M,50.8,M,*75

ls:PSS1,n:12,c:1677505894*3E\G**PRMC**,135134.00,A,4821.56351,N,00434.03244,W,0.003,0.00,270223,,,A*71

ls:**PSS1**,n:13,c:**1677505894***3F\G**PGSA**,A,3,29,31,28,02,25,26,18,11,12,04,20,,1.70,1.05,1.34*08

ls:**PSS1**,n:14,c:**1677505894***38\G**PGBS**,135134.00,1.8,1.7,2.8,,,,*45

ls:PSS1,n:15,c:1677505895*38\G**PRMC**,135135.00,A,4821.56350,N,00434.03243,W,0.003,0.00,270223,,,A*76

ls:**PSS1**,n:**16**,c:**1677505896***38\G**PRMC**,**135136.00,A,4821.56349,N,00434.03241,W,0.003,0.00,270223,,,A***7F

ls:PSS1,n:17,c:1677505897*38\G**PRMC**,135137.00,A,4821.56349,N,00434.03240,W,0.003,0.00,270223,,,A*7F

ls:**PSS1**,n:18,c:**1677505897***37\G**PGSV**,4,1,15,02,47,117,39,04,09,330,20,05,00,084,,11,12,034,31*74

GSA GNSS DOP and Active Satellites

- *ID satellite in use*
- *PDOP*
- *HDOP*
- *VDOP*
- *GNSS system ID*

GST GNSS Pseudorange Error Statistics

- *RMS value*
- *Standard deviation of Lat error (meters)*
- *Standard deviation of Long error (meters)*
- *Standard deviation of Alt error (meters)*

GGA Global Positioning System Fix Data

- *UTC*
- *Lat/Long*
- *Quality indicator (human readable indication)*
- *Number of satellites in use*

RMC Recommended Minimum Specific GNSS data

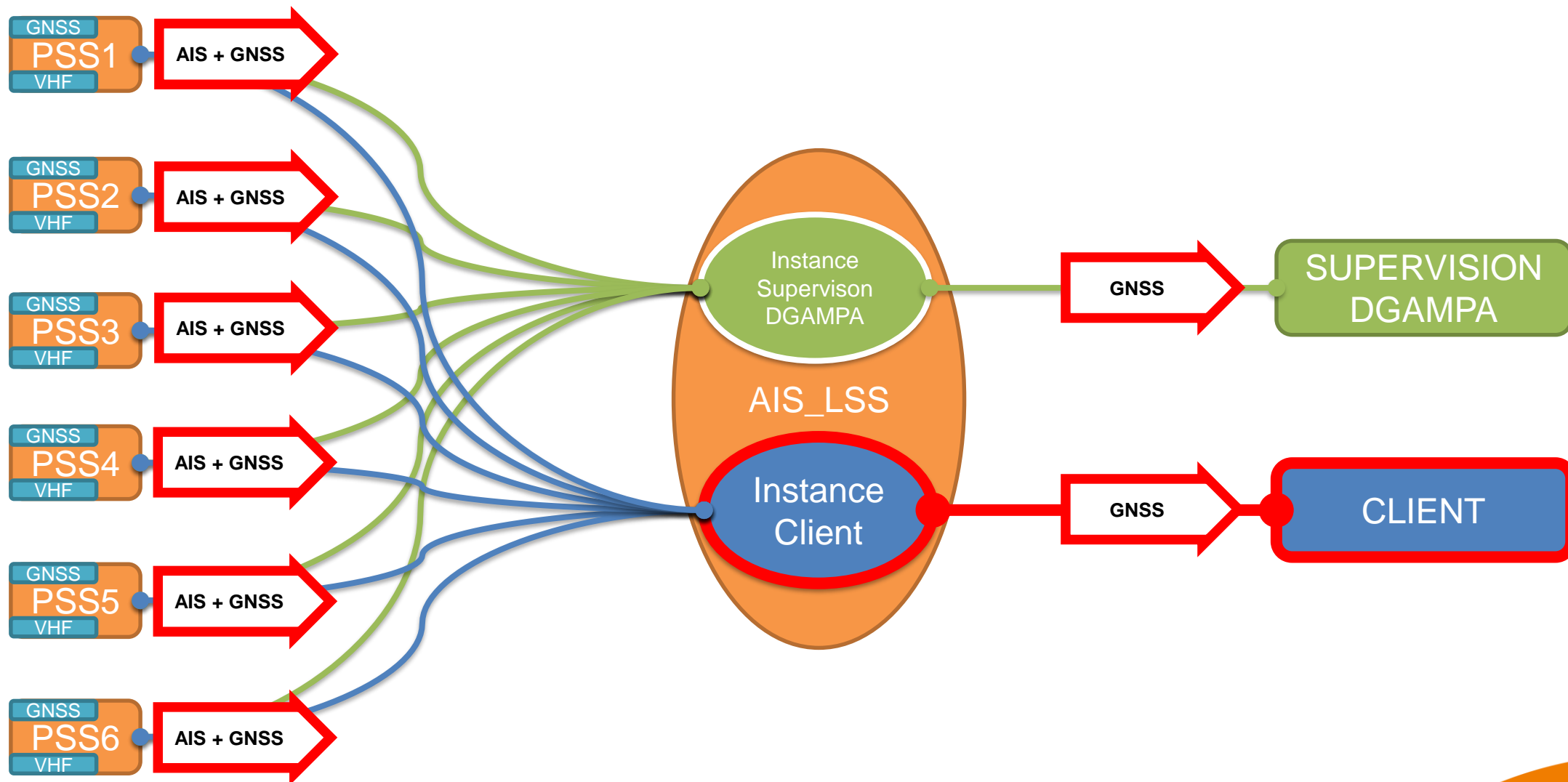
- *UTC, Date*
- *Lat/Long*
- *COG/SOG*
- *Magnetic variation*
- *Positioning system mode indication*

GBS GNSS Satellites Fault Detection

- *Expected error in Lat (meters)*
- *Expected error in Long (meters)*
- *Expected error in Alt (meters)*
- *ID number of most likely failed satellite*
- *GNSS system/signal ID*

GSV GNSS satellites in view

- *number of satellites in view*
- *SNR for each satellite ID*
- *GNSS system ID*



Questions ...?
Thanks