

# RA2, MWR & DORIS SUMMARY PRODUCTS REPORT

Reporting time: 10-05-2008 14:59:33.000  
Trigger: Routine

	Period Start	Period Stop
UTC	08-MAY-2008 00:00:00.000	09-MAY-2008 00:00:00.000
Absolute Orbit	32349	32363
Cycle, Relative Orbit	0231	0245

## Products inventoried

Gauge
PCF_RA2_ME__0P 99.94% of production inventoried
PCF_RA2_CAL_0P 100% of production inventoried
PCF_DOR_NAV_0P 94.37% of production inventoried
PCF_DOR_DOP_0P 98.81% of production inventoried
PCF_MWR_NL__0P 99.92% of production inventoried
PCF_RA2_MW__1P 99.95% of production inventoried
PCF_RA2_FGD_2P 99.95% of production inventoried
PCF_RA2_WWV_2P 99.95% of production inventoried

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### Overall production

- [Inventoried production chart](#)
- [Inventoried production map](#)

# Level 0

## Planning vs. Production

Gauge
RA2_CAL_0P products: 1 produced; 0 gaps; 0 unplanned ; 0.00% of mission plan not covered by production
DOR_DOP_0P products: 16 produced; 13 gaps; 0 unplanned ; 1.13% of mission plan not covered by production
DOR_NAV_0P products: 16 produced; 15 gaps; 0 unplanned ; 5.28% of mission plan not covered by production
MWR_NL_0P products: 16 produced; 3 gaps; 0 unplanned ; 0.08% of mission plan not covered by production
RA2_ME_0P products: 17 produced; 2 gaps; 0 unplanned ; 0.10% of mission plan not covered by production

[Mission Plan vs. production chart](#)

Inventoried production: [RA2\\_CAL\\_0P](#), [DOR\\_DOP\\_0P](#), [DOR\\_NAV\\_0P](#), [MWR\\_NL\\_0P](#), [RA2\\_ME\\_0P](#)  
 Missing products: [RA2\\_CAL\\_0P](#), [DOR\\_DOP\\_0P](#), [DOR\\_NAV\\_0P](#), [MWR\\_NL\\_0P](#), [RA2\\_ME\\_0P](#)  
 Unplanned products: [RA2\\_CAL\\_0P](#), [DOR\\_DOP\\_0P](#), [DOR\\_NAV\\_0P](#), [MWR\\_NL\\_0P](#), [RA2\\_ME\\_0P](#)  
 Overlaps: [RA2\\_CAL\\_0P](#), [DOR\\_DOP\\_0P](#), [DOR\\_NAV\\_0P](#), [MWR\\_NL\\_0P](#), [RA2\\_ME\\_0P](#)  
 Duplicates: [RA2\\_CAL\\_0P](#), [DOR\\_DOP\\_0P](#), [DOR\\_NAV\\_0P](#), [MWR\\_NL\\_0P](#), [RA2\\_ME\\_0P](#)

## ADF usage

Gauge
0 new ADFs in use for type RA2_CAL_0P N/A

[RA2\\_CAL\\_0P: ADFs usage](#)

Gauge
1 new ADFs in use for type DOR_DOP_0P N/A

[DOR\\_DOP\\_0P: ADFs usage](#)

Gauge
1 new ADFs in use for type DOR_NAV_0P N/A

[DOR\\_NAV\\_0P: ADFs usage](#)

Gauge
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1 new ADFs in use for type MWR_NL__0P N/A
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[MWR\\_NL\\_\\_0P: ADFs usage](#)

<b>Gauge</b>
1 new ADFs in use for type RA2_ME__0P N/A

[RA2\\_ME\\_\\_0P: ADFs usage](#)

## Header checks

### MPH errors

Gauge
0 RA2_CAL_0P products with wrong filename N/A
0 RA2_CAL_0P products with unknown processing stage N/A
0 RA2_CAL_0P products with unknown acquisition station N/A
0 RA2_CAL_0P products with unknown processing center N/A
0 RA2_CAL_0P products with wrong processing time N/A
1 RA2_CAL_0P products with software version not equal to the current version N/A
0 RA2_CAL_0P products with wrong sensing start N/A
0 RA2_CAL_0P products with wrong sensing stop N/A
0 RA2_CAL_0P products with wrong phase N/A
1 RA2_CAL_0P products with wrong state vector time N/A
0 RA2_CAL_0P products with unknown vector source N/A
1 RA2_CAL_0P products with UTC to SBT time too far from sensing time N/A
0 RA2_CAL_0P products with satellite binary time out-of-range N/A
0 RA2_CAL_0P products with wrong clock step N/A

0 RA2_CAL_0P products with leap utc set to blank N/A
0 RA2_CAL_0P products with leap err set N/A
0 RA2_CAL_0P products with product err set N/A
0 RA2_CAL_0P products with tot_size not equal to real file size N/A

[RA2\\_CAL\\_0P: MPH checks](#)

<b>Gauge</b>
0 DOR_DOP_0P products with wrong filename N/A
0 DOR_DOP_0P products with unknown processing stage N/A
0 DOR_DOP_0P products with unknown acquisition station N/A
0 DOR_DOP_0P products with unknown processing center N/A
0 DOR_DOP_0P products with wrong processing time N/A
0 DOR_DOP_0P products with software version not equal to the current version N/A
0 DOR_DOP_0P products with wrong sensing start N/A
0 DOR_DOP_0P products with wrong sensing stop N/A
0 DOR_DOP_0P products with wrong phase N/A
16 DOR_DOP_0P products with wrong state vector time N/A
0 DOR_DOP_0P products with unknown vector source N/A
10 DOR_DOP_0P products with UTC to SBT time too far from sensing time N/A
0 DOR_DOP_0P products with satellite binary time out-of-range N/A
0 DOR_DOP_0P products with wrong clock step N/A
0 DOR_DOP_0P products with leap utc set to blank N/A
0 DOR_DOP_0P products with leap err set N/A
0 DOR_DOP_0P products with product err set N/A
0 DOR_DOP_0P products with tot_size not equal to real file size N/A

[DOR\\_DOP\\_0P: MPH checks](#)

Gauge
0 DOR_NAV_0P products with wrong filename N/A
0 DOR_NAV_0P products with unknown processing stage N/A
0 DOR_NAV_0P products with unknown acquisition station N/A
0 DOR_NAV_0P products with unknown processing center N/A
0 DOR_NAV_0P products with wrong processing time N/A
0 DOR_NAV_0P products with software version not equal to the current version N/A
0 DOR_NAV_0P products with wrong sensing start N/A
0 DOR_NAV_0P products with wrong sensing stop N/A
0 DOR_NAV_0P products with wrong phase N/A
16 DOR_NAV_0P products with wrong state vector time N/A
0 DOR_NAV_0P products with unknown vector source N/A
8 DOR_NAV_0P products with UTC to SBT time too far from sensing time N/A
0 DOR_NAV_0P products with satellite binary time out-of-range N/A
0 DOR_NAV_0P products with wrong clock step N/A
0 DOR_NAV_0P products with leap utc set to blank N/A
0 DOR_NAV_0P products with leap err set N/A
0 DOR_NAV_0P products with product err set N/A
0 DOR_NAV_0P products with tot_size not equal to real file size N/A

[DOR\\_NAV\\_0P: MPH checks](#)

Gauge
0 MWR_NL__0P products with wrong filename N/A
0 MWR_NL__0P products with unknown processing stage N/A

0 MWR_NL__0P products with unknown acquisition station N/A
0 MWR_NL__0P products with unknown processing center N/A
0 MWR_NL__0P products with wrong processing time N/A
0 MWR_NL__0P products with software version not equal to the current version N/A
0 MWR_NL__0P products with wrong sensing start N/A
0 MWR_NL__0P products with wrong sensing stop N/A
0 MWR_NL__0P products with wrong phase N/A
16 MWR_NL__0P products with wrong state vector time N/A
0 MWR_NL__0P products with unknown vector source N/A
10 MWR_NL__0P products with UTC to SBT time too far from sensing time N/A
0 MWR_NL__0P products with satellite binary time out-of-range N/A
0 MWR_NL__0P products with wrong clock step N/A
0 MWR_NL__0P products with leap utc set to blank N/A
0 MWR_NL__0P products with leap err set N/A
0 MWR_NL__0P products with product err set N/A
0 MWR_NL__0P products with tot_size not equal to real file size N/A

[MWR\\_NL\\_\\_0P: MPH checks](#)

<b>Gauge</b>
0 RA2_ME__0P products with wrong filename N/A
0 RA2_ME__0P products with unknown processing stage N/A
0 RA2_ME__0P products with unknown acquisition station N/A
0 RA2_ME__0P products with unknown processing center N/A
0 RA2_ME__0P products with wrong processing time N/A
0 RA2_ME__0P products with software version not equal to the current version N/A

0 RA2_ME__0P products with wrong sensing start N/A
0 RA2_ME__0P products with wrong sensing stop N/A
0 RA2_ME__0P products with wrong phase N/A
17 RA2_ME__0P products with wrong state vector time N/A
0 RA2_ME__0P products with unknown vector source N/A
11 RA2_ME__0P products with UTC to SBT time too far from sensing time N/A
0 RA2_ME__0P products with satellite binary time out-of-range N/A
0 RA2_ME__0P products with wrong clock step N/A
0 RA2_ME__0P products with leap utc set to blank N/A
0 RA2_ME__0P products with leap err set N/A
1 RA2_ME__0P products with product err set N/A
0 RA2_ME__0P products with tot_size not equal to real file size N/A

[RA2\\_ME\\_\\_0P: MPH checks](#)

## SPH errors

Gauge
0 ADFs not covering sensing time are referenced in RA2_CAL_0P products N/A
0 RA2_CAL_0P products with start_lat out of range N/A
0 RA2_CAL_0P products with start_long out of range N/A
0 RA2_CAL_0P products with stop_lat out of range N/A
0 RA2_CAL_0P products with stop_long out of range N/A
0 RA2_CAL_0P products with sat_track out of range N/A
0 RA2_CAL_0P products with num_error_ISPs out of range N/A
0 RA2_CAL_0P products with num_missing_ISPs out of range N/A
0 RA2_CAL_0P products with num_discarded_ISPs out of range N/A

0 RA2_CAL_0P products with num_RS_ISPs out of range N/A
0 RA2_CAL_0P products with ISP_errors_significant set to 1 N/A
0 RA2_CAL_0P products with missing_ISPs_significant set to 1 N/A
0 RA2_CAL_0P products with ISP_discarded_significant set to 1 N/A
0 RA2_CAL_0P products with RS_significant set to 1 N/A

[RA2\\_CAL\\_0P: SPH checks](#)

Gauge
0 ADFs not covering sensing time are referenced in DOR_DOP_0P products N/A
0 DOR_DOP_0P products with start_lat out of range N/A
0 DOR_DOP_0P products with start_long out of range N/A
0 DOR_DOP_0P products with stop_lat out of range N/A
0 DOR_DOP_0P products with stop_long out of range N/A
0 DOR_DOP_0P products with sat_track out of range N/A
0 DOR_DOP_0P products with num_error_ISPs out of range N/A
0 DOR_DOP_0P products with num_missing_ISPs out of range N/A
0 DOR_DOP_0P products with num_discarded_ISPs out of range N/A
0 DOR_DOP_0P products with num_RS_ISPs out of range N/A
0 DOR_DOP_0P products with ISP_errors_significant set to 1 N/A
0 DOR_DOP_0P products with missing_ISPs_significant set to 1 N/A
0 DOR_DOP_0P products with ISP_discarded_significant set to 1 N/A
0 DOR_DOP_0P products with RS_significant set to 1 N/A

[DOR\\_DOP\\_0P: SPH checks](#)

Gauge
0 ADFs not covering sensing time are referenced in DOR_NAV_0P products N/A



0 DOR_NAV_0P products with start_lat out of range N/A
0 DOR_NAV_0P products with start_long out of range N/A
0 DOR_NAV_0P products with stop_lat out of range N/A
0 DOR_NAV_0P products with stop_long out of range N/A
0 DOR_NAV_0P products with sat_track out of range N/A
0 DOR_NAV_0P products with num_error_ISPs out of range N/A
0 DOR_NAV_0P products with num_missing_ISPs out of range N/A
0 DOR_NAV_0P products with num_discarded_ISPs out of range N/A
0 DOR_NAV_0P products with num_RS_ISPs out of range N/A
0 DOR_NAV_0P products with ISP_errors_significant set to 1 N/A
0 DOR_NAV_0P products with missing_ISPs_significant set to 1 N/A
0 DOR_NAV_0P products with ISP_discarded_significant set to 1 N/A
0 DOR_NAV_0P products with RS_significant set to 1 N/A

[DOR\\_NAV\\_0P: SPH checks](#)

<b>Gauge</b>
0 ADFs not covering sensing time are referenced in MWR_NL__0P products N/A
0 MWR_NL__0P products with start_lat out of range N/A
0 MWR_NL__0P products with start_long out of range N/A
0 MWR_NL__0P products with stop_lat out of range N/A
0 MWR_NL__0P products with stop_long out of range N/A
0 MWR_NL__0P products with sat_track out of range N/A
0 MWR_NL__0P products with num_error_ISPs out of range N/A
0 MWR_NL__0P products with num_missing_ISPs out of range N/A
0 MWR_NL__0P products with num_discarded_ISPs out of range N/A

0 MWR_NL__0P products with num_RS_ISPs out of range N/A
0 MWR_NL__0P products with ISP_errors_significant set to 1 N/A
0 MWR_NL__0P products with missing_ISPs_significant set to 1 N/A
0 MWR_NL__0P products with ISP_discarded_significant set to 1 N/A
0 MWR_NL__0P products with RS_significant set to 1 N/A

[MWR\\_NL\\_\\_0P: SPH checks](#)

<b>Gauge</b>
0 ADFs not covering sensing time are referenced in RA2_ME__0P products N/A
0 RA2_ME__0P products with start_lat out of range N/A
0 RA2_ME__0P products with start_long out of range N/A
0 RA2_ME__0P products with stop_lat out of range N/A
0 RA2_ME__0P products with stop_long out of range N/A
0 RA2_ME__0P products with sat_track out of range N/A
1 RA2_ME__0P products with num_error_ISPs out of range N/A
0 RA2_ME__0P products with num_missing_ISPs out of range N/A
0 RA2_ME__0P products with num_discarded_ISPs out of range N/A
0 RA2_ME__0P products with num_RS_ISPs out of range N/A
1 RA2_ME__0P products with ISP_errors_significant set to 1 N/A
0 RA2_ME__0P products with missing_ISPs_significant set to 1 N/A
0 RA2_ME__0P products with ISP_discarded_significant set to 1 N/A
0 RA2_ME__0P products with RS_significant set to 1 N/A

[RA2\\_ME\\_\\_0P: SPH checks](#)

# Level 1

## Planning vs. Production

Gauge
RA2_MW__1P products: 17 produced; 1 gaps; 0 unplanned ; 0.09% of mission plan not covered by production

[Mission Plan vs. production chart](#)

Inventoried production: [RA2\\_MW\\_\\_1P](#)

Missing products: [RA2\\_MW\\_\\_1P](#)

Unplanned products: [RA2\\_MW\\_\\_1P](#)

Overlaps: [RA2\\_MW\\_\\_1P](#)

Duplicates: [RA2\\_MW\\_\\_1P](#)

## ADF usage

Gauge
Current IECF list for ADFs not available N/A
0 differences with IECF detected for type RA2_MW__1P N/A
0 new ADFs in use for type RA2_MW__1P N/A

[RA2\\_MW\\_\\_1P: ADFs usage](#)

## Header checks

### MPH errors

Gauge
0 RA2_MW__1P products with wrong filename N/A
0 RA2_MW__1P products with unknown processing stage N/A
0 RA2_MW__1P products with unknown acquisition station N/A
0 RA2_MW__1P products with unknown processing center N/A

0 RA2_MW__1P products with wrong processing time N/A
17 RA2_MW__1P products with software version not equal to the current version N/A
0 RA2_MW__1P products with wrong sensing start N/A
0 RA2_MW__1P products with wrong sensing stop N/A
0 RA2_MW__1P products with wrong phase N/A
17 RA2_MW__1P products with wrong state vector time N/A
0 RA2_MW__1P products with unknown vector source N/A
11 RA2_MW__1P products with UTC to SBT time too far from sensing time N/A
0 RA2_MW__1P products with satellite binary time out-of-range N/A
0 RA2_MW__1P products with wrong clock step N/A
0 RA2_MW__1P products with leap utc set to blank N/A
0 RA2_MW__1P products with leap err set N/A
0 RA2_MW__1P products with product err set N/A
0 RA2_MW__1P products with tot_size not equal to real file size N/A

[RA2\\_MW\\_\\_1P: MPH checks](#)

## SPH errors

Gauge
15 ADFs not covering sensing time are referenced in RA2_MW__1P products N/A
0 RA2_MW__1P products with processing errors significance flag set N/A
0 RA2_MW__1P products with percentage DSRs free of processing errors below threshold N/A
0 RA2_MW__1P products with percentage of valid measurements below threshold N/A
5 RA2_MW__1P products with percentage of 320 MHz band processed below threshold N/A
5 RA2_MW__1P products with percentage of 80 MHz band processed above threshold N/A
5 RA2_MW__1P products with percentage of 20 MHz band processed above threshold N/A

## Level 2

### Planning vs. Production

Gauge
RA2_FGD_2P products: 17 produced; 1 gaps; 0 unplanned ; 0.09% of mission plan not covered by production
RA2_WWV_2P products: 17 produced; 1 gaps; 0 unplanned ; 0.09% of mission plan not covered by production

[Mission Plan vs. production chart](#)

Inventoried production: [RA2\\_FGD\\_2P](#), [RA2\\_WWV\\_2P](#)

Missing products: [RA2\\_FGD\\_2P](#), [RA2\\_WWV\\_2P](#)

Unplanned products: [RA2\\_FGD\\_2P](#), [RA2\\_WWV\\_2P](#)

Overlaps: [RA2\\_FGD\\_2P](#), [RA2\\_WWV\\_2P](#)

Duplicates: [RA2\\_FGD\\_2P](#), [RA2\\_WWV\\_2P](#)

### ADF usage

Gauge
Current IECF list for ADFs not available N/A
0 differences with IECF detected for type RA2_FGD_2P N/A
28 new ADFs in use for type RA2_FGD_2P N/A

[RA2\\_FGD\\_2P: ADFs usage](#)

Gauge
Current IECF list for ADFs not available N/A
0 differences with IECF detected for type RA2_WWV_2P N/A
44 new ADFs in use for type RA2_WWV_2P N/A

[RA2\\_WWV\\_2P: ADFs usage](#)

## Header checks

### MPH errors

Gauge
0 RA2_FGD_2P products with wrong filename N/A
0 RA2_FGD_2P products with unknown processing stage N/A
0 RA2_FGD_2P products with unknown acquisition station N/A
0 RA2_FGD_2P products with unknown processing center N/A
0 RA2_FGD_2P products with wrong processing time N/A
17 RA2_FGD_2P products with software version not equal to the current version N/A
0 RA2_FGD_2P products with wrong sensing start N/A
0 RA2_FGD_2P products with wrong sensing stop N/A
0 RA2_FGD_2P products with wrong phase N/A
17 RA2_FGD_2P products with wrong state vector time N/A
0 RA2_FGD_2P products with unknown vector source N/A
11 RA2_FGD_2P products with UTC to SBT time too far from sensing time N/A
0 RA2_FGD_2P products with satellite binary time out-of-range N/A
0 RA2_FGD_2P products with wrong clock step N/A
0 RA2_FGD_2P products with leap utc set to blank N/A
0 RA2_FGD_2P products with leap err set N/A
17 RA2_FGD_2P products with product err set N/A
0 RA2_FGD_2P products with tot_size not equal to real file size N/A

Gauge
0 RA2_WWV_2P products with wrong filename N/A
0 RA2_WWV_2P products with unknown processing stage N/A
0 RA2_WWV_2P products with unknown acquisition station N/A
0 RA2_WWV_2P products with unknown processing center N/A
0 RA2_WWV_2P products with wrong processing time N/A
17 RA2_WWV_2P products with software version not equal to the current version N/A
0 RA2_WWV_2P products with wrong sensing start N/A
0 RA2_WWV_2P products with wrong sensing stop N/A
0 RA2_WWV_2P products with wrong phase N/A
17 RA2_WWV_2P products with wrong state vector time N/A
0 RA2_WWV_2P products with unknown vector source N/A
11 RA2_WWV_2P products with UTC to SBT time too far from sensing time N/A
0 RA2_WWV_2P products with satellite binary time out-of-range N/A
0 RA2_WWV_2P products with wrong clock step N/A
0 RA2_WWV_2P products with leap utc set to blank N/A
0 RA2_WWV_2P products with leap err set N/A
17 RA2_WWV_2P products with product err set N/A
0 RA2_WWV_2P products with tot_size not equal to real file size N/A

[RA2\\_WWV\\_2P: MPH checks](#)

## SPH errors

Gauge
15 ADFs not covering sensing time are referenced in RA2_FGD_2P products N/A
17 RA2_FGD_2P products with I2 processing errors significance flag set N/A

0 RA2_FGD_2P products with I1b processing errors significance flag set N/A
17 RA2_FGD_2P products with percentage DSRs free of I2 processing errors below threshold N/A
0 RA2_FGD_2P products with percentage DSRs free of I1b processing errors below threshold N/A
0 RA2_FGD_2P products with percentage of valid measurements below threshold N/A
7 RA2_FGD_2P products with percentage of 320 MHz band processed below threshold N/A
7 RA2_FGD_2P products with percentage of 80 MHz band processed above threshold N/A
9 RA2_FGD_2P products with percentage of 20 MHz band processed above threshold N/A
6 RA2_FGD_2P products with percentage of valid Ku ocean retracker measurements below threshold N/A
0 RA2_FGD_2P products with percentage of valid Ku ice1 retracker measurements below threshold N/A
17 RA2_FGD_2P products with percentage of valid S ice1 retracker measurements below threshold N/A
3 RA2_FGD_2P products with percentage of valid Ku ice2 retracker measurements below threshold N/A
17 RA2_FGD_2P products with percentage of valid S ice2 retracker measurements below threshold N/A
0 RA2_FGD_2P products with percentage of valid Ku sea/ice retracker measurements below threshold N/A

[RA2\\_FGD\\_2P: SPH checks](#)

<b>Gauge</b>
0 ADFs not covering sensing time are referenced in RA2_WWV_2P products N/A
17 RA2_WWV_2P products with ra2_I2_proc_flag anomalies N/A
0 RA2_WWV_2P products with ra2_I1b_proc_flag anomalies N/A
17 RA2_WWV_2P products with ra2_I2_proc_quality anomalies N/A
0 RA2_WWV_2P products with ra2_I1b_proc_quality anomalies N/A
0 RA2_WWV_2P products with ra2_measurement_percent anomalies N/A
7 RA2_WWV_2P products with ra2_320_band_percent anomalies N/A
7 RA2_WWV_2P products with ra2_80_band_percent anomalies N/A
9 RA2_WWV_2P products with ra2_20_band_percent anomalies N/A



6 RA2\_WWV\_2P products with ra2\_ocean\_ku\_retrack\_percent anomalies  
N/A

[RA2\\_WWV\\_2P: SPH checks](#)

## Time Correlation

[Time Correlation propagation error](#)

## Overall Production

Inventoried Production (sensing time)



## Mission Plan vs. Production (level 0)



Production covering Mission Plan

Gauge
PCF_RA2_ME__0P 99.94% of production inventoried
PCF_RA2_CAL_0P 100% of production inventoried
PCF_DOR_NAV_0P 94.37% of production inventoried
PCF_DOR_DOP_0P 98.81% of production inventoried
PCF_MWR_NL__0P 99.92% of production inventoried

Mission Plan (extracted from DMOP)

Gauge	Segment (Start-Stop)
MODE.MEASUREMENT	07-MAY-2008 23:28:14.047 (I)
RA2.ACQ_PLAN	08-MAY-2008 16:31:12.199 (I)

MODE.NOMINAL DORIS.ACQ_PLAN	07-MAY-2008 23:28:14.047 (I) 09-MAY-2008 00:37:08.184 (I)
MODE.NOMINAL MWR.ACQ_PLAN	07-MAY-2008 23:28:14.047 (I) 09-MAY-2008 00:37:08.184 (I)
MODE.DIGITAL_BITE RA2.ACQ_PLAN	08-MAY-2008 16:31:16.710 (I) 08-MAY-2008 16:33:44.751 (I)
MODE.MEASUREMENT RA2.ACQ_PLAN	08-MAY-2008 16:33:49.262 (I) 09-MAY-2008 00:37:08.184 (I)

## Inventoried Products

### RA2\_CAL\_0P products

Gauge	Segment (Start-Stop)	Explicit Reference
Product: RA2_CAL_0P Filename: RA2_CAL_0PNPDK20080508_163114_000001502068_00241_32359_1013.N1	08-MAY-2008 16:31:14.387 08-MAY-2008 16:33:44.777	RA2_CAL_0PNPDK20080508_163114_000001502068_00241_32359_1013.N1 RA2_CAL_0P.MPH.ABS_ORBIT=32359

### DOR\_DOP\_0P products

Gauge	Segment (Start-Stop)	Explicit Reference
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDE20080507_232500_000059302068_00230_32348_5897.N1	07-MAY-2008 23:25:00.442 08-MAY-2008 01:03:49.943	DOR_DOP_0PNPDE20080507_232500_000059302068_00230_32348_5897.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32348
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDE20080508_010453_000045272068_00231_32349_5898.N1	08-MAY-2008 01:04:53.701 08-MAY-2008 02:20:20.549	DOR_DOP_0PNPDE20080508_010453_000045272068_00231_32349_5898.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32349
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDE20080508_022228_000056742068_00232_32350_5899.N1	08-MAY-2008 02:22:28.057 08-MAY-2008 03:57:02.550	DOR_DOP_0PNPDE20080508_022228_000056742068_00232_32350_5899.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32350
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDE20080508_035806_000059302068_00233_32351_5900.N1	08-MAY-2008 03:58:06.307 08-MAY-2008 05:36:55.831	DOR_DOP_0PNPDE20080508_035806_000059302068_00233_32351_5900.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32351
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDE20080508_053903_000059932068_00234_32352_5901.N1	08-MAY-2008 05:39:03.347 08-MAY-2008 07:18:56.649	DOR_DOP_0PNPDE20080508_053903_000059932068_00234_32352_5901.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32352
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080508_072000_000039532068_00235_32353_7526.N1	08-MAY-2008 07:20:00.406 08-MAY-2008 08:25:53.430	DOR_DOP_0PNPDK20080508_072000_000039532068_00235_32353_7526.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32353
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080508_082657_000060572068_00236_32354_7527.N1	08-MAY-2008 08:26:57.188 08-MAY-2008 10:07:54.228	DOR_DOP_0PNPDK20080508_082657_000060572068_00236_32354_7527.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32354
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080508_100857_000058662068_00237_32355_7528.N1	08-MAY-2008 10:08:57.986 08-MAY-2008 11:46:43.729	DOR_DOP_0PNPDK20080508_100857_000058662068_00237_32355_7528.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32355
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080508_114747_000058662068_00238_32356_7529.N1	08-MAY-2008 11:47:47.482 08-MAY-2008 13:25:33.249	DOR_DOP_0PNPDK20080508_114747_000058662068_00238_32356_7529.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32356
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080508_132740_000058022068_00239_32357_7530.N1	08-MAY-2008 13:27:40.760 08-MAY-2008 15:04:22.769	DOR_DOP_0PNPDK20080508_132740_000058022068_00239_32357_7530.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32357
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080508_150526_000057382068_00240_32358_7531.N1	08-MAY-2008 15:05:26.527 08-MAY-2008 16:41:04.785	DOR_DOP_0PNPDK20080508_150526_000057382068_00240_32358_7531.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32358
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080508_164208_000059302068_00241_32359_7532.N1	08-MAY-2008 16:42:08.543 08-MAY-2008 18:20:58.095	DOR_DOP_0PNPDK20080508_164208_000059302068_00241_32359_7532.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32359
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080508_182058_000059302068_00242_32360_7533.N1	08-MAY-2008 18:20:58.095 08-MAY-2008 19:59:47.619	DOR_DOP_0PNPDK20080508_182058_000059302068_00242_32360_7533.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32360
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDE20080508_200051_000038892068_00243_32361_5902.N1	08-MAY-2008 20:00:51.377 08-MAY-2008 21:05:40.635	DOR_DOP_0PNPDE20080508_200051_000038892068_00243_32361_5902.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32361

Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDE20080508_210644_000063122068_00243_32361_5903.N1	08-MAY-2008 21:06:44.397 08-MAY-2008 22:51:56.448	DOR_DOP_0PNPDE20080508_210644_000063122068_00243_32361_5903.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32361
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDE20080508_225156_000060572068_00244_32362_5904.N1	08-MAY-2008 22:51:56.448 09-MAY-2008 00:32:53.484	DOR_DOP_0PNPDE20080508_225156_000060572068_00244_32362_5904.N1 DOR_DOP_0P.MPH.ABS_ORBIT=32362

**DOR\_NAV\_0P products**

Gauge	Segment (Start-Stop)	Explicit Reference
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDE20080507_232532_000054192068_00230_32348_5485.N1	07-MAY-2008 23:25:32.313 08-MAY-2008 00:55:51.763	DOR_NAV_0PNPDE20080507_232532_000054192068_00230_32348_5485.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32348
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDE20080508_010110_000044632068_00231_32349_5486.N1	08-MAY-2008 01:01:10.552 08-MAY-2008 02:15:33.627	DOR_NAV_0PNPDE20080508_010110_000044632068_00231_32349_5486.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32349
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDE20080508_022052_000054192068_00232_32350_5487.N1	08-MAY-2008 02:20:52.420 08-MAY-2008 03:51:11.885	DOR_NAV_0PNPDE20080508_022052_000054192068_00232_32350_5487.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32350
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDE20080508_035630_000057382068_00233_32351_5488.N1	08-MAY-2008 03:56:30.675 08-MAY-2008 05:32:08.925	DOR_NAV_0PNPDE20080508_035630_000057382068_00233_32351_5488.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32351
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDE20080508_053727_000057382068_00234_32352_5489.N1	08-MAY-2008 05:37:27.718 08-MAY-2008 07:13:05.969	DOR_NAV_0PNPDE20080508_053727_000057382068_00234_32352_5489.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32352
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDK20080508_071824_000038262068_00235_32353_6813.N1	08-MAY-2008 07:18:24.766 08-MAY-2008 08:22:10.286	DOR_NAV_0PNPDK20080508_071824_000038262068_00235_32353_6813.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32353
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDK20080508_082729_000057382068_00236_32354_6814.N1	08-MAY-2008 08:27:29.071 08-MAY-2008 10:03:07.314	DOR_NAV_0PNPDK20080508_082729_000057382068_00236_32354_6814.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32354
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDK20080508_100826_000054192068_00237_32355_6815.N1	08-MAY-2008 10:08:26.107 08-MAY-2008 11:38:45.537	DOR_NAV_0PNPDK20080508_100826_000054192068_00237_32355_6815.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32355
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDK20080508_114404_000057382068_00238_32356_6816.N1	08-MAY-2008 11:44:04.330 08-MAY-2008 13:19:42.581	DOR_NAV_0PNPDK20080508_114404_000057382068_00238_32356_6816.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32356
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDK20080508_132501_000054192068_00239_32357_6817.N1	08-MAY-2008 13:25:01.370 08-MAY-2008 14:55:20.824	DOR_NAV_0PNPDK20080508_132501_000054192068_00239_32357_6817.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32357
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDK20080508_150039_000057382068_00240_32358_6818.N1	08-MAY-2008 15:00:39.621 08-MAY-2008 16:36:17.883	DOR_NAV_0PNPDK20080508_150039_000057382068_00240_32358_6818.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32358
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDK20080508_164136_000054192068_00241_32359_6819.N1	08-MAY-2008 16:41:36.664 08-MAY-2008 18:11:56.149	DOR_NAV_0PNPDK20080508_164136_000054192068_00241_32359_6819.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32359
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDK20080508_181714_000057382068_00242_32360_6820.N1	08-MAY-2008 18:17:14.942 08-MAY-2008 19:52:53.189	DOR_NAV_0PNPDK20080508_181714_000057382068_00242_32360_6820.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32360
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDE20080508_195811_000038252068_00243_32361_5490.N1	08-MAY-2008 19:58:11.982 08-MAY-2008 21:01:57.475	DOR_NAV_0PNPDE20080508_195811_000038252068_00243_32361_5490.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32361
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDE20080508_210716_000057382068_00243_32361_5491.N1	08-MAY-2008 21:07:16.272 08-MAY-2008 22:42:54.510	DOR_NAV_0PNPDE20080508_210716_000057382068_00243_32361_5491.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32361
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDE20080508_224813_000060572068_00244_32362_5492.N1	08-MAY-2008 22:48:13.296 09-MAY-2008 00:29:10.332	DOR_NAV_0PNPDE20080508_224813_000060572068_00244_32362_5492.N1 DOR_NAV_0P.MPH.ABS_ORBIT=32362

**MWR\_NL\_0P products**

Gauge	Segment (Start-Stop)	Explicit Reference
Product: MWR_NL_0P Filename: MWR_NL_0PNPDE20080507_232538_000059762068_00230_32348_5908.N1	07-MAY-2008 23:25:38.786 08-MAY-2008 01:05:14.958	MWR_NL_0PNPDE20080507_232538_000059762068_00230_32348_5908.N1 MWR_NL_0P.MPH.ABS_ORBIT=32348
Product: MWR_NL_0P Filename: MWR_NL_0PNPDE20080508_010450_000046322068_00231_32349_5909.N1	08-MAY-2008 01:04:50.951 08-MAY-2008 02:22:03.076	MWR_NL_0PNPDE20080508_010450_000046322068_00231_32349_5909.N1 MWR_NL_0P.MPH.ABS_ORBIT=32349
Product: MWR_NL_0P Filename: MWR_NL_0PNPDE20080508_022227_000057842068_00232_32350_5910.N1	08-MAY-2008 02:22:27.080 08-MAY-2008 03:58:51.237	MWR_NL_0PNPDE20080508_022227_000057842068_00232_32350_5910.N1 MWR_NL_0P.MPH.ABS_ORBIT=32350

Product: MWR_NL__OP Filename: MWR_NL__OPNPDE20080508_035851_000060002068_00233_32351_5911.N1	08-MAY-2008 03:58:51.237 08-MAY-2008 05:38:51.402	MWR_NL__OPNPDE20080508_035851_000060002068_00233_32351_5911.N1 MWR_NL__OP.MPH.ABS_ORBIT=32351
Product: MWR_NL__OP Filename: MWR_NL__OPNPDE20080508_053915_000060722068_00234_32352_5912.N1	08-MAY-2008 05:39:15.410 08-MAY-2008 07:20:27.570	MWR_NL__OPNPDE20080508_053915_000060722068_00234_32352_5912.N1 MWR_NL__OP.MPH.ABS_ORBIT=32352
Product: MWR_NL__OP Filename: MWR_NL__OPNPDK20080508_072027_000040082068_00235_32353_7409.N1	08-MAY-2008 07:20:27.570 08-MAY-2008 08:27:15.676	MWR_NL__OPNPDK20080508_072027_000040082068_00235_32353_7409.N1 MWR_NL__OP.MPH.ABS_ORBIT=32353
Product: MWR_NL__OP Filename: MWR_NL__OPNPDK20080508_082715_000061202068_00236_32354_7410.N1	08-MAY-2008 08:27:15.676 08-MAY-2008 10:09:15.845	MWR_NL__OPNPDK20080508_082715_000061202068_00236_32354_7410.N1 MWR_NL__OP.MPH.ABS_ORBIT=32354
Product: MWR_NL__OP Filename: MWR_NL__OPNPDK20080508_100939_000059282068_00237_32355_7411.N1	08-MAY-2008 10:09:39.853 08-MAY-2008 11:48:28.010	MWR_NL__OPNPDK20080508_100939_000059282068_00237_32355_7411.N1 MWR_NL__OP.MPH.ABS_ORBIT=32355
Product: MWR_NL__OP Filename: MWR_NL__OPNPDK20080508_114828_000059522068_00238_32356_7412.N1	08-MAY-2008 11:48:28.010 08-MAY-2008 13:27:40.171	MWR_NL__OPNPDK20080508_114828_000059522068_00238_32356_7412.N1 MWR_NL__OP.MPH.ABS_ORBIT=32356
Product: MWR_NL__OP Filename: MWR_NL__OPNPDK20080508_132740_000058562068_00239_32357_7413.N1	08-MAY-2008 13:27:40.171 08-MAY-2008 15:05:16.331	MWR_NL__OPNPDK20080508_132740_000058562068_00239_32357_7413.N1 MWR_NL__OP.MPH.ABS_ORBIT=32357
Product: MWR_NL__OP Filename: MWR_NL__OPNPDK20080508_150516_000058322068_00240_32358_7414.N1	08-MAY-2008 15:05:16.331 08-MAY-2008 16:42:28.496	MWR_NL__OPNPDK20080508_150516_000058322068_00240_32358_7414.N1 MWR_NL__OP.MPH.ABS_ORBIT=32358
Product: MWR_NL__OP Filename: MWR_NL__OPNPDK20080508_164204_000059762068_00241_32359_7415.N1	08-MAY-2008 16:42:04.496 08-MAY-2008 18:21:40.661	MWR_NL__OPNPDK20080508_164204_000059762068_00241_32359_7415.N1 MWR_NL__OP.MPH.ABS_ORBIT=32359
Product: MWR_NL__OP Filename: MWR_NL__OPNPDK20080508_182052_000060482068_00242_32360_7416.N1	08-MAY-2008 18:20:52.661 08-MAY-2008 20:01:40.826	MWR_NL__OPNPDK20080508_182052_000060482068_00242_32360_7416.N1 MWR_NL__OP.MPH.ABS_ORBIT=32360
Product: MWR_NL__OP Filename: MWR_NL__OPNPDE20080508_200052_000040082068_00243_32361_5913.N1	08-MAY-2008 20:00:52.830 08-MAY-2008 21:07:40.936	MWR_NL__OPNPDE20080508_200052_000040082068_00243_32361_5913.N1 MWR_NL__OP.MPH.ABS_ORBIT=32361
Product: MWR_NL__OP Filename: MWR_NL__OPNPDE20080508_210716_000063362068_00243_32361_5914.N1	08-MAY-2008 21:07:16.939 08-MAY-2008 22:52:53.112	MWR_NL__OPNPDE20080508_210716_000063362068_00243_32361_5914.N1 MWR_NL__OP.MPH.ABS_ORBIT=32361
Product: MWR_NL__OP Filename: MWR_NL__OPNPDE20080508_225253_000060962068_00244_32362_5915.N1	08-MAY-2008 22:52:53.112 09-MAY-2008 00:34:29.277	MWR_NL__OPNPDE20080508_225253_000060962068_00244_32362_5915.N1 MWR_NL__OP.MPH.ABS_ORBIT=32362

**RA2\_ME\_\_OP products**

Gauge	Segment (Start-Stop)	Explicit Reference
Product: RA2_ME__OP Filename: RA2_ME__OPNPDE20080507_232545_000060202068_00230_32348_6482.N1	07-MAY-2008 23:25:45.844 08-MAY-2008 01:06:05.900	RA2_ME__OPNPDE20080507_232545_000060202068_00230_32348_6482.N1 RA2_ME__OP.MPH.ABS_ORBIT=32348
Product: RA2_ME__OP Filename: RA2_ME__OPNPDE20080508_010504_000046802068_00231_32349_6483.N1	08-MAY-2008 01:05:04.630 08-MAY-2008 02:23:04.544	RA2_ME__OPNPDE20080508_010504_000046802068_00231_32349_6483.N1 RA2_ME__OP.MPH.ABS_ORBIT=32349
Product: RA2_ME__OP Filename: RA2_ME__OPNPDE20080508_022232_000058272068_00232_32350_6484.N1	08-MAY-2008 02:22:32.238 08-MAY-2008 03:59:39.572	RA2_ME__OPNPDE20080508_022232_000058272068_00232_32350_6484.N1 RA2_ME__OP.MPH.ABS_ORBIT=32350
Product: RA2_ME__OP Filename: RA2_ME__OPNPDE20080508_035907_000060532068_00233_32351_6485.N1	08-MAY-2008 03:59:07.266 08-MAY-2008 05:40:00.742	RA2_ME__OPNPDE20080508_035907_000060532068_00233_32351_6485.N1 RA2_ME__OP.MPH.ABS_ORBIT=32351
Product: RA2_ME__OP Filename: RA2_ME__OPNPDE20080508_053928_000061282068_00234_32352_6486.N1	08-MAY-2008 05:39:28.436 08-MAY-2008 07:21:36.550	RA2_ME__OPNPDE20080508_053928_000061282068_00234_32352_6486.N1 RA2_ME__OP.MPH.ABS_ORBIT=32352
Product: RA2_ME__OP Filename: RA2_ME__OPNPDK20080508_072048_000040402068_00235_32353_8700.N1	08-MAY-2008 07:20:48.648 08-MAY-2008 08:28:09.126	RA2_ME__OPNPDK20080508_072048_000040402068_00235_32353_8700.N1 RA2_ME__OP.MPH.ABS_ORBIT=32353
Product: RA2_ME__OP Filename: RA2_ME__OPNPDK20080508_082735_000061592068_00236_32354_8701.N1	08-MAY-2008 08:27:35.706 08-MAY-2008 10:10:15.012	RA2_ME__OPNPDK20080508_082735_000061592068_00236_32354_8701.N1 RA2_ME__OP.MPH.ABS_ORBIT=32354
Product: RA2_ME__OP Filename: RA2_ME__OPNPDK20080508_100944_000059692068_00237_32355_8702.N1	08-MAY-2008 10:09:44.934 08-MAY-2008 11:49:13.746	RA2_ME__OPNPDK20080508_100944_000059692068_00237_32355_8702.N1 RA2_ME__OP.MPH.ABS_ORBIT=32355
Product: RA2_ME__OP Filename: RA2_ME__OPNPDK20080508_114842_000059872068_00238_32356_8703.N1	08-MAY-2008 11:48:42.554 08-MAY-2008 13:28:29.189	RA2_ME__OPNPDK20080508_114842_000059872068_00238_32356_8703.N1 RA2_ME__OP.MPH.ABS_ORBIT=32356

Product: RA2_ME__0P Filename: RA2_ME__0PNPDK20080508_132757_000058922068_00239_32357_8704.N1	08-MAY-2008 13:27:57.997 08-MAY-2008 15:06:09.943	RA2_ME__0PNPDK20080508_132757_000058922068_00239_3235 RA2_ME__0P.MPH.ABS_ORBIT=32357
Product: RA2_ME__0P Filename: RA2_ME__0PNPDK20080508_150527_000051342068_00240_32358_8705.N1	08-MAY-2008 15:05:27.611 08-MAY-2008 16:31:02.037	RA2_ME__0PNPDK20080508_150527_000051342068_00240_32358_8705.N1 RA2_ME__0P.MPH.ABS_ORBIT=32358
Product: RA2_ME__0P Filename: RA2_ME__0PNPDK20080508_163510_000005062068_00241_32359_8706.N1	08-MAY-2008 16:35:10.474 08-MAY-2008 16:43:36.230	RA2_ME__0PNPDK20080508_163510_000005062068_00241_32359_8706.N1 RA2_ME__0P.MPH.ABS_ORBIT=32359
Product: RA2_ME__0P Filename: RA2_ME__0PNPDK20080508_164210_000060272068_00241_32359_8707.N1	08-MAY-2008 16:42:10.452 08-MAY-2008 18:22:37.192	RA2_ME__0PNPDK20080508_164210_000060272068_00241_32359_8707.N1 RA2_ME__0P.MPH.ABS_ORBIT=32359
Product: RA2_ME__0P Filename: RA2_ME__0PNPDK20080508_182106_000060812068_00242_32360_8708.N1	08-MAY-2008 18:21:06.958 08-MAY-2008 20:02:28.284	RA2_ME__0PNPDK20080508_182106_000060812068_00242_32360_8708.N1 RA2_ME__0P.MPH.ABS_ORBIT=32360
Product: RA2_ME__0P Filename: RA2_ME__0PNPDE20080508_200054_000040592068_00243_32361_6487.N1	08-MAY-2008 20:00:54.708 08-MAY-2008 21:08:34.124	RA2_ME__0PNPDE20080508_200054_000040592068_00243_32361_6487.N1 RA2_ME__0P.MPH.ABS_ORBIT=32361
Product: RA2_ME__0P Filename: RA2_ME__0PNPDE20080508_210735_000063782068_00243_32361_6488.N1	08-MAY-2008 21:07:35.082 08-MAY-2008 22:53:52.732	RA2_ME__0PNPDE20080508_210735_000063782068_00243_32361_6488.N1 RA2_ME__0P.MPH.ABS_ORBIT=32361
Product: RA2_ME__0P Filename: RA2_ME__0PNPDE20080508_225258_000061412068_00244_32362_6489.N1	08-MAY-2008 22:52:58.146 09-MAY-2008 00:35:19.628	RA2_ME__0PNPDE20080508_225258_000061412068_00244_32362_6489.N1 RA2_ME__0P.MPH.ABS_ORBIT=32362

## Missing Products

### RA2\_CAL\_0P missing products

Gauge Value Segment (Start-Stop)

### DOR\_DOP\_0P missing products

Gauge	Value	Segment (Start-Stop)
MODE.NOMINAL DORIS.MISSING	Duration: 63.757833 s	08-MAY-2008 01:03:49.943 08-MAY-2008 01:04:53.701
MODE.NOMINAL DORIS.MISSING	Duration: 127.507827 s	08-MAY-2008 02:20:20.549 08-MAY-2008 02:22:28.057
MODE.NOMINAL DORIS.MISSING	Duration: 63.757820 s	08-MAY-2008 03:57:02.550 08-MAY-2008 03:58:06.307
MODE.NOMINAL DORIS.MISSING	Duration: 127.515640 s	08-MAY-2008 05:36:55.831 08-MAY-2008 05:39:03.347
MODE.NOMINAL DORIS.MISSING	Duration: 63.757808 s	08-MAY-2008 07:18:56.649 08-MAY-2008 07:20:00.406
MODE.NOMINAL DORIS.MISSING	Duration: 63.757820 s	08-MAY-2008 08:25:53.430 08-MAY-2008 08:26:57.188
MODE.NOMINAL DORIS.MISSING	Duration: 63.757816 s	08-MAY-2008 10:07:54.228 08-MAY-2008 10:08:57.986
MODE.NOMINAL DORIS.MISSING	Duration: 63.753911 s	08-MAY-2008 11:46:43.729 08-MAY-2008 11:47:47.482
MODE.NOMINAL DORIS.MISSING	Duration: 127.511734 s	08-MAY-2008 13:25:33.249 08-MAY-2008 13:27:40.760
MODE.NOMINAL DORIS.MISSING	Duration: 63.757828 s	08-MAY-2008 15:04:22.769 08-MAY-2008 15:05:26.527
MODE.NOMINAL DORIS.MISSING	Duration: 63.757818 s	08-MAY-2008 16:41:04.785 08-MAY-2008 16:42:08.543
MODE.NOMINAL DORIS.MISSING	Duration: 63.757818 s	08-MAY-2008 19:59:47.619 08-MAY-2008 20:00:51.377

MODE.NOMINAL DORIS.MISSING	Duration: 63.761726 s	08-MAY-2008 21:05:40.635 08-MAY-2008 21:06:44.397
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**DOR\_NAV\_0P missing products**

Gauge	Value	Segment (Start-Stop)
MODE.NOMINAL DORIS.MISSING	Duration: 318.789113 s	08-MAY-2008 00:55:51.763 08-MAY-2008 01:01:10.552
MODE.NOMINAL DORIS.MISSING	Duration: 318.793006 s	08-MAY-2008 02:15:33.627 08-MAY-2008 02:20:52.420
MODE.NOMINAL DORIS.MISSING	Duration: 318.789098 s	08-MAY-2008 03:51:11.885 08-MAY-2008 03:56:30.675
MODE.NOMINAL DORIS.MISSING	Duration: 318.793005 s	08-MAY-2008 05:32:08.925 08-MAY-2008 05:37:27.718
MODE.NOMINAL DORIS.MISSING	Duration: 318.796900 s	08-MAY-2008 07:13:05.969 08-MAY-2008 07:18:24.766
MODE.NOMINAL DORIS.MISSING	Duration: 318.785193 s	08-MAY-2008 08:22:10.286 08-MAY-2008 08:27:29.071
MODE.NOMINAL DORIS.MISSING	Duration: 318.793004 s	08-MAY-2008 10:03:07.314 08-MAY-2008 10:08:26.107
MODE.NOMINAL DORIS.MISSING	Duration: 318.793003 s	08-MAY-2008 11:38:45.537 08-MAY-2008 11:44:04.330
MODE.NOMINAL DORIS.MISSING	Duration: 318.789098 s	08-MAY-2008 13:19:42.581 08-MAY-2008 13:25:01.370
MODE.NOMINAL DORIS.MISSING	Duration: 318.796921 s	08-MAY-2008 14:55:20.824 08-MAY-2008 15:00:39.621
MODE.NOMINAL DORIS.MISSING	Duration: 318.781285 s	08-MAY-2008 16:36:17.883 08-MAY-2008 16:41:36.664
MODE.NOMINAL DORIS.MISSING	Duration: 318.793006 s	08-MAY-2008 18:11:56.149 08-MAY-2008 18:17:14.942
MODE.NOMINAL DORIS.MISSING	Duration: 318.793004 s	08-MAY-2008 19:52:53.189 08-MAY-2008 19:58:11.982
MODE.NOMINAL DORIS.MISSING	Duration: 318.796912 s	08-MAY-2008 21:01:57.475 08-MAY-2008 21:07:16.272
MODE.NOMINAL DORIS.MISSING	Duration: 318.785199 s	08-MAY-2008 22:42:54.510 08-MAY-2008 22:48:13.296

**MWR\_NL\_0P missing products**

Gauge	Value	Segment (Start-Stop)
MODE.NOMINAL MWR.MISSING	Duration: 24.003910 s	08-MAY-2008 02:22:03.076 08-MAY-2008 02:22:27.080
MODE.NOMINAL MWR.MISSING	Duration: 24.007815 s	08-MAY-2008 05:38:51.402 08-MAY-2008 05:39:15.410
MODE.NOMINAL MWR.MISSING	Duration: 24.007812 s	08-MAY-2008 10:09:15.845 08-MAY-2008 10:09:39.853

**RA2\_ME\_0P missing products**

Gauge	Value	Segment (Start-Stop)
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MODE.MEASUREMENT RA2.MISSING	Duration: 10.161877 s	08-MAY-2008 16:31:02.037 08-MAY-2008 16:31:12.199 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 81.211447 s	08-MAY-2008 16:33:49.262 (I) 08-MAY-2008 16:35:10.474

## Unplanned Products

### RA2\_CAL\_0P unplanned products

Gauge Segment (Start-Stop)

### DOR\_DOP\_0P unplanned products

Gauge Segment (Start-Stop)

### DOR\_NAV\_0P unplanned products

Gauge Segment (Start-Stop)

### MWR\_NL\_0P unplanned products

Gauge Segment (Start-Stop)

### RA2\_ME\_0P unplanned products

Gauge Segment (Start-Stop)

## Overlaps

### RA2\_CAL\_0P overlaps

Gauge Segment (Start-Stop) Explicit Reference

### DOR\_DOP\_0P overlaps

Gauge Segment (Start-Stop) Explicit Reference

### DOR\_NAV\_0P overlaps

Gauge Segment (Start-Stop) Explicit Reference

### MWR\_NL\_0P overlaps

Gauge Segment (Start-Stop) Explicit Reference

### RA2\_ME\_0P overlaps

Gauge Segment (Start-Stop) Explicit Reference

## Duplicates

### RA2\_CAL\_0P duplicates

Gauge Segment (Start-Stop) Explicit Reference

### DOR\_DOP\_0P duplicates

Gauge Segment (Start-Stop) Explicit Reference

### DOR\_NAV\_0P duplicates

Gauge Segment (Start-Stop) Explicit Reference

MWR\_NL\_\_0P duplicates

Gauge	Segment (Start-Stop)	Explicit Reference
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RA2\_ME\_\_0P duplicates

Gauge	Segment (Start-Stop)	Explicit Reference
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## Mission Plan vs. Production (level 1)

⊠  
Mission Plan (extracted from DMOP)

Gauge	Segment (Start-Stop)
MODE.MEASUREMENT RA2.ACQ_PLAN	07-MAY-2008 23:28:14.047 (I) 08-MAY-2008 16:31:12.199 (I)
MODE.DIGITAL_BITE RA2.ACQ_PLAN	08-MAY-2008 16:31:16.710 (I) 08-MAY-2008 16:33:44.751 (I)
MODE.MEASUREMENT RA2.ACQ_PLAN	08-MAY-2008 16:33:49.262 (I) 09-MAY-2008 00:37:08.184 (I)

### Inventoried Products

RA2\_MW\_\_1P products

Gauge	Segment (Start-Stop)	Explicit Reference
Product: RA2_MW__1P Filename: RA2_MW__1PNPDE20080507_232545_000060212068_00230_32348_2494.N1	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984	RA2_MW__1PNPDE20080507_232545_000060212068_00230_32348_2494.N1 RA2_MW__1P.MPH.ABS_ORBIT=32348
Product: RA2_MW__1P Filename: RA2_MW__1PNPDE20080508_010504_000046812068_00231_32349_2629.N1	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628	RA2_MW__1PNPDE20080508_010504_000046812068_00231_32349_2629.N1 RA2_MW__1P.MPH.ABS_ORBIT=32349
Product: RA2_MW__1P Filename: RA2_MW__1PNPDE20080508_022232_000058282068_00232_32350_2798.N1	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656	RA2_MW__1PNPDE20080508_022232_000058282068_00232_32350_2798.N1 RA2_MW__1P.MPH.ABS_ORBIT=32350
Product: RA2_MW__1P Filename: RA2_MW__1PNPDE20080508_035907_000060552068_00233_32351_2950.N1	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826	RA2_MW__1PNPDE20080508_035907_000060552068_00233_32351_2950.N1 RA2_MW__1P.MPH.ABS_ORBIT=32351
Product: RA2_MW__1P Filename: RA2_MW__1PNPDE20080508_053928_000061292068_00234_32352_3131.N1	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633	RA2_MW__1PNPDE20080508_053928_000061292068_00234_32352_3131.N1 RA2_MW__1P.MPH.ABS_ORBIT=32352
Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080508_072048_000040422068_00235_32353_6658.N1	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209	RA2_MW__1PNPDK20080508_072048_000040422068_00235_32353_6658.N1 RA2_MW__1P.MPH.ABS_ORBIT=32353
Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080508_082735_000061602068_00236_32354_6805.N1	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095	RA2_MW__1PNPDK20080508_082735_000061602068_00236_32354_6805.N1 RA2_MW__1P.MPH.ABS_ORBIT=32354
Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080508_100944_000059702068_00237_32355_6933.N1	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829	RA2_MW__1PNPDK20080508_100944_000059702068_00237_32355_6933.N1 RA2_MW__1P.MPH.ABS_ORBIT=32355
Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080508_114842_000059882068_00238_32356_7138.N1	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273	RA2_MW__1PNPDK20080508_114842_000059882068_00238_32356_7138.N1 RA2_MW__1P.MPH.ABS_ORBIT=32356
Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080508_132758_000058932068_00239_32357_7309.N1	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027	RA2_MW__1PNPDK20080508_132758_000058932068_00239_32357_7309.N1 RA2_MW__1P.MPH.ABS_ORBIT=32357



Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080508_150527_000051352068_00240_32358_7437.N1	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121	RA2_MW__1PNPDK20080508_150527_000051352068_00240_32358 RA2_MW__1P.MPH.ABS_ORBIT=32358
Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080508_163510_000005072068_00241_32359_7440.N1	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314	RA2_MW__1PNPDK20080508_163510_000005072068_00241_32359_7440.N1 RA2_MW__1P.MPH.ABS_ORBIT=32359
Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080508_164210_000060282068_00241_32359_7545.N1	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276	RA2_MW__1PNPDK20080508_164210_000060282068_00241_32359_7545.N1 RA2_MW__1P.MPH.ABS_ORBIT=32359
Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080508_182106_000060822068_00242_32360_7674.N1	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368	RA2_MW__1PNPDK20080508_182106_000060822068_00242_32360_7674.N1 RA2_MW__1P.MPH.ABS_ORBIT=32360
Product: RA2_MW__1P Filename: RA2_MW__1PNPDE20080508_200054_000040602068_00243_32361_3538.N1	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208	RA2_MW__1PNPDE20080508_200054_000040602068_00243_32361_3538.N1 RA2_MW__1P.MPH.ABS_ORBIT=32361
Product: RA2_MW__1P Filename: RA2_MW__1PNPDE20080508_210735_000063792068_00243_32361_3692.N1	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815	RA2_MW__1PNPDE20080508_210735_000063792068_00243_32361_3692.N1 RA2_MW__1P.MPH.ABS_ORBIT=32361
Product: RA2_MW__1P Filename: RA2_MW__1PNPDE20080508_225258_000061432068_00244_32362_3847.N1	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711	RA2_MW__1PNPDE20080508_225258_000061432068_00244_32362_3847.N1 RA2_MW__1P.MPH.ABS_ORBIT=32362

## Missing Products

### RA2\_MW\_\_1P missing products

Gauge	Value	Segment (Start-Stop)
MODE.MEASUREMENT RA2.MISSING	Duration: 81.236671 s	08-MAY-2008 16:33:49.262 (I) 08-MAY-2008 16:35:10.499

## Unplanned Products

### RA2\_MW\_\_1P unplanned products

Gauge	Segment (Start-Stop)

## Overlaps

### RA2\_MW\_\_1P overlaps

Gauge	Segment (Start-Stop)	Explicit Reference

## Duplicates

### RA2\_MW\_\_1P duplicates

Gauge	Segment (Start-Stop)	Explicit Reference

## Mission Plan vs. Production (level 2)

### Mission Plan (extracted from DMOP)

Gauge	Segment (Start-Stop)
MODE.MEASUREMENT	07-MAY-2008 23:28:14.047 (I)
RA2.ACQ_PLAN	08-MAY-2008 16:31:12.199 (I)

MODE.DIGITAL_BITE RA2.ACQ_PLAN	08-MAY-2008 16:31:16.710 (I) 08-MAY-2008 16:33:44.751 (I)
MODE.MEASUREMENT RA2.ACQ_PLAN	08-MAY-2008 16:33:49.262 (I) 09-MAY-2008 00:37:08.184 (I)

## Inventoried Products

### RA2\_FGD\_2P products

Gauge	Segment (Start-Stop)	Explicit Reference
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDE20080507_232545_000060212068_00230_32348_2495.N1	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984	RA2_FGD_2PNPDE20080507_232545_000060212068_00230_32348_2495.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32348
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDE20080508_010504_000046812068_00231_32349_2630.N1	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628	RA2_FGD_2PNPDE20080508_010504_000046812068_00231_32349_2630.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32349
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDE20080508_022232_000058282068_00232_32350_2799.N1	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656	RA2_FGD_2PNPDE20080508_022232_000058282068_00232_32350_2799.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32350
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDE20080508_035907_000060552068_00233_32351_2951.N1	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826	RA2_FGD_2PNPDE20080508_035907_000060552068_00233_32351_2951.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32351
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDE20080508_053928_000061292068_00234_32352_3132.N1	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633	RA2_FGD_2PNPDE20080508_053928_000061292068_00234_32352_3132.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32352
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080508_072048_000040422068_00235_32353_6659.N1	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209	RA2_FGD_2PNPDK20080508_072048_000040422068_00235_32353_6659.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32353
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080508_082735_000061602068_00236_32354_6806.N1	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095	RA2_FGD_2PNPDK20080508_082735_000061602068_00236_32354_6806.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32354
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080508_100944_000059702068_00237_32355_6934.N1	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829	RA2_FGD_2PNPDK20080508_100944_000059702068_00237_32355_6934.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32355
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080508_114842_000059882068_00238_32356_7139.N1	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273	RA2_FGD_2PNPDK20080508_114842_000059882068_00238_32356_7139.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32356
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080508_132758_000058932068_00239_32357_7310.N1	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027	RA2_FGD_2PNPDK20080508_132758_000058932068_00239_32357_7310.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32357
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080508_150527_000051352068_00240_32358_7438.N1	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121	RA2_FGD_2PNPDK20080508_150527_000051352068_00240_32358_7438.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32358
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080508_163510_000005072068_00241_32359_7441.N1	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314	RA2_FGD_2PNPDK20080508_163510_000005072068_00241_32359_7441.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32359
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080508_164210_000060282068_00241_32359_7546.N1	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276	RA2_FGD_2PNPDK20080508_164210_000060282068_00241_32359_7546.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32359
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080508_182106_000060822068_00242_32360_7675.N1	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368	RA2_FGD_2PNPDK20080508_182106_000060822068_00242_32360_7675.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32360
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDE20080508_200054_000040602068_00243_32361_3539.N1	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208	RA2_FGD_2PNPDE20080508_200054_000040602068_00243_32361_3539.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32361
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDE20080508_210735_000063792068_00243_32361_3693.N1	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815	RA2_FGD_2PNPDE20080508_210735_000063792068_00243_32361_3693.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32361
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDE20080508_225258_000061432068_00244_32362_3848.N1	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711	RA2_FGD_2PNPDE20080508_225258_000061432068_00244_32362_3848.N1 RA2_FGD_2P.MPH.ABS_ORBIT=32362

### RA2\_WWV\_2P products

Gauge	Segment (Start-Stop)	Explicit Reference
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Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDE20080507_232545_000060212068_00230_32348_2496.N1	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984	RA2_WWV_2PNPDE20080507_232545_000060212068_00230_323 RA2_WWV_2P.MPH.ABS_ORBIT=32348
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDE20080508_010504_000046812068_00231_32349_2631.N1	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628	RA2_WWV_2PNPDE20080508_010504_000046812068_00231_32349_2631.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32349
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDE20080508_022232_000058282068_00232_32350_2800.N1	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656	RA2_WWV_2PNPDE20080508_022232_000058282068_00232_32350_2800.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32350
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDE20080508_035907_000060552068_00233_32351_2952.N1	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826	RA2_WWV_2PNPDE20080508_035907_000060552068_00233_32351_2952.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32351
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDE20080508_053928_000061292068_00234_32352_3133.N1	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633	RA2_WWV_2PNPDE20080508_053928_000061292068_00234_32352_3133.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32352
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080508_072048_000040422068_00235_32353_6660.N1	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209	RA2_WWV_2PNPDK20080508_072048_000040422068_00235_32353_6660.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32353
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080508_082735_000061602068_00236_32354_6807.N1	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095	RA2_WWV_2PNPDK20080508_082735_000061602068_00236_32354_6807.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32354
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080508_100944_000059702068_00237_32355_6935.N1	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829	RA2_WWV_2PNPDK20080508_100944_000059702068_00237_32355_6935.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32355
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080508_114842_000059882068_00238_32356_7140.N1	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273	RA2_WWV_2PNPDK20080508_114842_000059882068_00238_32356_7140.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32356
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080508_132758_000058932068_00239_32357_7311.N1	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027	RA2_WWV_2PNPDK20080508_132758_000058932068_00239_32357_7311.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32357
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080508_150527_000051352068_00240_32358_7439.N1	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121	RA2_WWV_2PNPDK20080508_150527_000051352068_00240_32358_7439.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32358
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080508_163510_000005072068_00241_32359_7442.N1	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314	RA2_WWV_2PNPDK20080508_163510_000005072068_00241_32359_7442.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32359
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080508_164210_000060282068_00241_32359_7547.N1	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276	RA2_WWV_2PNPDK20080508_164210_000060282068_00241_32359_7547.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32359
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080508_182106_000060822068_00242_32360_7676.N1	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368	RA2_WWV_2PNPDK20080508_182106_000060822068_00242_32360_7676.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32360
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDE20080508_200054_000040602068_00243_32361_3540.N1	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208	RA2_WWV_2PNPDE20080508_200054_000040602068_00243_32361_3540.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32361
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDE20080508_210735_000063792068_00243_32361_3694.N1	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815	RA2_WWV_2PNPDE20080508_210735_000063792068_00243_32361_3694.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32361
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDE20080508_225258_000061432068_00244_32362_3849.N1	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711	RA2_WWV_2PNPDE20080508_225258_000061432068_00244_32362_3849.N1 RA2_WWV_2P.MPH.ABS_ORBIT=32362

## Missing Products

### RA2\_FGD\_2P missing products

Gauge	Value	Segment (Start-Stop)
MODE.MEASUREMENT RA2.MISSING	Duration: 81.236671 s	08-MAY-2008 16:33:49.262 (I) 08-MAY-2008 16:35:10.499

### RA2\_WWV\_2P missing products

Gauge	Value	Segment (Start-Stop)
MODE.MEASUREMENT RA2.MISSING	Duration: 81.236671 s	08-MAY-2008 16:33:49.262 (I) 08-MAY-2008 16:35:10.499

## Unplanned Products

RA2\_FGD\_2P unplanned products

Gauge Segment (Start-Stop)

RA2\_WWV\_2P unplanned products

Gauge Segment (Start-Stop)

Overlaps

RA2\_FGD\_2P overlaps

Gauge Segment (Start-Stop) Explicit Reference

RA2\_WWV\_2P overlaps

Gauge Segment (Start-Stop) Explicit Reference

Duplicates

RA2\_FGD\_2P duplicates

Gauge Segment (Start-Stop) Explicit Reference

RA2\_WWV\_2P duplicates

Gauge Segment (Start-Stop) Explicit Reference

# ADF usage

RA2\_CAL\_0P: ADF usage

New ADFs

Gauge Value Segment (Start-Stop) Explicit Reference

DOR\_DOP\_0P: ADF usage

New ADFs

Gauge	Value	Segment (Start-Stop)	Explicit Reference
DSD: ORBIT_STATE_VECTOR_FILE PCF_DOR_DOP_0P	new ADF: AUX_FPO_AXVPDS20080508_010111_20080507_183525_20080517_200139	08-MAY-2008 01:04:53.701 08-MAY-2008 01:04:53.701	Product: DOR_DOP_0PNPDE20080508_010453_000045272068_00231_32349_5898.N1

**DOR\_NAV\_0P: ADF usage**
**New ADFs**

Gauge	Value	Segment (Start-Stop)	Explicit Reference
DSD: ORBIT_STATE_VECTOR_FILE PCF_DOR_NAV_0P	new ADF: AUX_FPO_AXVPDS20080508_010111_20080507_183525_20080517_200139	08-MAY-2008 01:01:10.552 08-MAY-2008 01:01:10.552	Product: DOR_NAV_0PNPDE20080508_010110_000044632068_00231_32349_5486.N1

**MWR\_NL\_\_0P: ADF usage**
**New ADFs**

Gauge	Value	Segment (Start-Stop)	Explicit Reference
DSD: ORBIT_STATE_VECTOR_FILE PCF_MWR_NL__0P	new ADF: AUX_FPO_AXVPDS20080508_010111_20080507_183525_20080517_200139	08-MAY-2008 01:04:50.951 08-MAY-2008 01:04:50.951	Product: MWR_NL__0PNPDE20080508_010450_000046322068_00231_32349_5909.N1

**RA2\_ME\_\_0P: ADF usage**
**New ADFs**

Gauge	Value	Segment (Start-Stop)	Explicit Reference
DSD: ORBIT_STATE_VECTOR_FILE PCF_RA2_ME__0P	new ADF: AUX_FPO_AXVPDS20080508_010111_20080507_183525_20080517_200139	08-MAY-2008 01:05:04.630 08-MAY-2008 01:05:04.630	Product: RA2_ME__0PNPDE20080508_010504_000046802068_00231_32349_6483.N1

**RA2\_MW\_\_1P: ADF usage**
**New ADFs**

Gauge	Value	Segment (Start-Stop)	Explicit Reference
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**Current ADFs (from IECF list)**

Gauge	Value	Explicit Reference
RA2_IFF_AX.INFO PCF_IECF	RA2_IFF_AXVIEC20080328_105445_20080328_000000_20100101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_CON_AX.INFO PCF_IECF	RA2_CON_AXVIEC20070723_131547_20060621_132015_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_CST_AX.INFO PCF_IECF	RA2_CST_AXVIEC20020621_135858_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_CHD_AX.INFO PCF_IECF	RA2_CHD_AXVIEC20060913_074707_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_IFA_AX.INFO PCF_IECF	RA2_IFA_AXVIEC20050216_125529_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_IFB_AX.INFO PCF_IECF	RA2_IFB_AXVIEC20050216_125738_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_USO_AX.INFO PCF_IECF	RA2_USO_AXVIEC20070618_133225_20070620_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
MWR_CON_AX.INFO PCF_IECF	MWR_CON_AXVIEC20040810_145011_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
MWR_CHD_AX.INFO PCF_IECF	MWR_CHD_AXVIEC20061013_132356_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
MWR_SLT_AX.INFO PCF_IECF	MWR_SLT_AXVIEC20060921_063409_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000

**Differences with IECF list**

Gauge Value Explicit Reference

**RA2\_FGD\_2P: ADF usage**

**New ADFs**

Gauge	Value	Segment (Start-Stop)	Explicit Reference
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDE20080508_010110_000044632068_00231_32349_5486.N1	08-MAY-2008 01:05:04.656 08-MAY-2008 01:05:04.656	Product: RA2_FGD_2PNPDE20080508_010504_000046812068_00231_32349_2630.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDE20080508_022052_000054192068_00232_32350_5487.N1	08-MAY-2008 02:22:32.263 08-MAY-2008 02:22:32.263	Product: RA2_FGD_2PNPDE20080508_022232_000058282068_00232_32350_2799.N1

DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDE20080508_035630_000057382068_00233_32351_5488.N1	08-MAY-2008 03:59:07.291 08-MAY-2008 03:59:07.291	Product: RA2_FGD_2PNPDE20080508_035907_000060552068_00233_32351_2951.N1
DSD: RA2_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080507_072113_20080507_210000_20080508_090000	08-MAY-2008 03:59:07.291 08-MAY-2008 03:59:07.291	Product: RA2_FGD_2PNPDE20080508_035907_000060552068_00233_32351_2951.N1
DSD: RA2_CHARACTERISATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080507_190113_20080508_030000_20080508_150000	08-MAY-2008 03:59:07.291 08-MAY-2008 03:59:07.291	Product: RA2_FGD_2PNPDE20080508_035907_000060552068_00233_32351_2951.N1
DSD: MWR_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: NOT USED	08-MAY-2008 03:59:07.291 08-MAY-2008 03:59:07.291	Product: RA2_FGD_2PNPDE20080508_035907_000060552068_00233_32351_2951.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDE20080508_053727_000057382068_00234_32352_5489.N1	08-MAY-2008 05:39:28.461 08-MAY-2008 05:39:28.461	Product: RA2_FGD_2PNPDE20080508_053928_000061292068_00234_32352_3132.N1
DSD: MWR_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080508_072112_20080508_090000_20080508_210000	08-MAY-2008 05:39:28.461 08-MAY-2008 05:39:28.461	Product: RA2_FGD_2PNPDE20080508_053928_000061292068_00234_32352_3132.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDK20080508_071824_000038262068_00235_32353_6813.N1	08-MAY-2008 07:20:48.673 08-MAY-2008 07:20:48.673	Product: RA2_FGD_2PNPDK20080508_072048_000040422068_00235_32353_6659.N1

DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDK20080508_082729_000057382068_00236_32354_6814.N1	08-MAY-2008 08:27:35.731 08-MAY-2008 08:27:35.731	Product: RA2_FGD_2PNPDK20080508_082735_000061602068_00236_32354_6806.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDK20080508_100826_000054192068_00237_32355_6815.N1	08-MAY-2008 10:09:44.959 08-MAY-2008 10:09:44.959	Product: RA2_FGD_2PNPDK20080508_100944_000059702068_00237_32355_6934.N1
DSD: RA2_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080507_190113_20080508_030000_20080508_150000	08-MAY-2008 10:09:44.959 08-MAY-2008 10:09:44.959	Product: RA2_FGD_2PNPDK20080508_100944_000059702068_00237_32355_6934.N1
DSD: RA2_CHARACTERISATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080508_072112_20080508_090000_20080508_210000	08-MAY-2008 10:09:44.959 08-MAY-2008 10:09:44.959	Product: RA2_FGD_2PNPDK20080508_100944_000059702068_00237_32355_6934.N1
DSD: MWR_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080508_072112_20080508_150000_20080509_030000	08-MAY-2008 10:09:44.959 08-MAY-2008 10:09:44.959	Product: RA2_FGD_2PNPDK20080508_100944_000059702068_00237_32355_6934.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDK20080508_114404_000057382068_00238_32356_6816.N1	08-MAY-2008 11:48:42.579 08-MAY-2008 11:48:42.579	Product: RA2_FGD_2PNPDK20080508_114842_000059882068_00238_32356_7139.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDK20080508_132501_000054192068_00239_32357_6817.N1	08-MAY-2008 13:27:58.023 08-MAY-2008 13:27:58.023	Product: RA2_FGD_2PNPDK20080508_132758_000058932068_00239_32357_7310.N1



DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDK20080508_150039_000057382068_00240_32358_6818.N1	08-MAY-2008 15:05:27.637 08-MAY-2008 15:05:27.637	Product: RA2_FGD_2PNPDK20080508_150527_000051352068_00240_32358_7438.N1
DSD: RA2_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080508_072112_20080508_090000_20080508_210000	08-MAY-2008 15:05:27.637 08-MAY-2008 15:05:27.637	Product: RA2_FGD_2PNPDK20080508_150527_000051352068_00240_32358_7438.N1
DSD: RA2_CHARACTERISATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080508_072112_20080508_150000_20080509_030000	08-MAY-2008 15:05:27.637 08-MAY-2008 15:05:27.637	Product: RA2_FGD_2PNPDK20080508_150527_000051352068_00240_32358_7438.N1
DSD: MWR_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080508_072113_20080508_210000_20080509_090000	08-MAY-2008 15:05:27.637 08-MAY-2008 15:05:27.637	Product: RA2_FGD_2PNPDK20080508_150527_000051352068_00240_32358_7438.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: NOT USED	08-MAY-2008 16:42:10.478 08-MAY-2008 16:42:10.478	Product: RA2_FGD_2PNPDK20080508_164210_000060282068_00241_32359_7546.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDK20080508_181714_000057382068_00242_32360_6820.N1	08-MAY-2008 18:21:06.983 08-MAY-2008 18:21:06.983	Product: RA2_FGD_2PNPDK20080508_182106_000060822068_00242_32360_7675.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDE20080508_195811_000038252068_00243_32361_5490.N1	08-MAY-2008 20:00:54.733 08-MAY-2008 20:00:54.733	Product: RA2_FGD_2PNPDE20080508_200054_000040602068_00243_32361_3539.N1

DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: NOT USED	08-MAY-2008 21:07:35.107 08-MAY-2008 21:07:35.107	Product: RA2_FGD_2PNPDE20080508_210735_000063792068_00243_32361_3693.N1
DSD: RA2_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080508_072112_20080508_150000_20080509_030000	08-MAY-2008 21:07:35.107 08-MAY-2008 21:07:35.107	Product: RA2_FGD_2PNPDE20080508_210735_000063792068_00243_32361_3693.N1
DSD: RA2_CHARACTERISATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080508_072113_20080508_210000_20080509_090000	08-MAY-2008 21:07:35.107 08-MAY-2008 21:07:35.107	Product: RA2_FGD_2PNPDE20080508_210735_000063792068_00243_32361_3693.N1
DSD: MWR_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080508_190114_20080509_030000_20080509_150000	08-MAY-2008 21:07:35.107 08-MAY-2008 21:07:35.107	Product: RA2_FGD_2PNPDE20080508_210735_000063792068_00243_32361_3693.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDE20080508_224813_000060572068_00244_32362_5492.N1	08-MAY-2008 22:52:58.171 08-MAY-2008 22:52:58.171	Product: RA2_FGD_2PNPDE20080508_225258_000061432068_00244_32362_3848.N1

**Current ADFs (from IECF list)**

Gauge	Value	Explicit Reference
RA2_IFF_AX.INFO PCF_IECF	RA2_IFF_AXVIEC20080328_105445_20080328_000000_20100101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_USO_AX.INFO PCF_IECF	RA2_USO_AXVIEC20070618_133225_20070620_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
MWR_SLT_AX.INFO PCF_IECF	MWR_SLT_AXVIEC20060921_063409_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
AUX_ATT_AX.INFO PCF_IECF	AUX_ATT_AXVIEC20020924_131534_20020703_120000_20781231_235959	Corresponding to date 24-APR-2008 03:00:00.000
RA2_PLA_AX.INFO PCF_IECF	RA2_PLA_AXVIEC20060331_181823_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_SOL_AX.INFO PCF_IECF	RA2_SOL_AXVIEC20080421_084833_20020101_000000_20090401_000000	Corresponding to date 24-APR-2008 03:00:00.000

RA2_CON_AX.INFO PCF_IECF	RA2_CON_AXVIEC20070723_131547_20060621_132015_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_CHD_AX.INFO PCF_IECF	RA2_CHD_AXVIEC20060913_074707_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
MWR_CON_AX.INFO PCF_IECF	MWR_CON_AXVIEC20040810_145011_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
MWR_CHD_AX.INFO PCF_IECF	MWR_CHD_AXVIEC20061013_132356_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
MWR_LSF_AX.INFO PCF_IECF	MWR_LSF_AXVIEC20020313_172218_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_MET_AX.INFO PCF_IECF	RA2_MET_AXVIEC20020204_073357_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_CST_AX.INFO PCF_IECF	RA2_CST_AXVIEC20020621_135858_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_SOI_AX.INFO PCF_IECF	RA2_SOI_AXVIEC20051003_170000_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_ICT_AX.INFO PCF_IECF	RA2_ICT_AXVIEC20060921_070730_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_SSB_AX.INFO PCF_IECF	RA2_SSB_AXVIEC20051129_111810_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_DIP_AX.INFO PCF_IECF	RA2_DIP_AXVIEC20020122_134206_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_IOC_AX.INFO PCF_IECF	RA2_IOC_AXVIEC20020122_141121_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_SET_AX.INFO PCF_IECF	RA2_SET_AXVIEC20020122_150917_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_OT1_AX.INFO PCF_IECF	RA2_OT1_AXVIEC20040120_082051_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_OT2_AX.INFO PCF_IECF	RA2_OT2_AXVIEC20031208_150159_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_TLD_AX.INFO PCF_IECF	RA2_TLD_AXVIEC20031208_151137_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_GEO_AX.INFO PCF_IECF	RA2_GEO_AXVIEC20020314_093428_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_MSS_AX.INFO PCF_IECF	RA2_MSS_AXVIEC20031208_145545_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_SL1_AX.INFO PCF_IECF	RA2_SL1_AXVIEC20030131_100228_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_SL2_AX.INFO PCF_IECF	RA2_SL2_AXVIEC20030131_101757_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_POL_AX.INFO PCF_IECF	RA2_POL_AXVIEC20080501_152903_20020101_000000_20080531_235959	Corresponding to date 02-MAY-2008 03:00:01.000

**Differences with IECF list**

Gauge Value Explicit Reference

**RA2\_WWV\_2P: ADF usage**
**New ADFs**

Gauge	Value	Segment (Start-Stop)	Explicit Reference
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDE20080508_010504_000046812068_00231_32349_2630.N1	08-MAY-2008 01:05:04.656 08-MAY-2008 01:05:04.656	Product: RA2_WWV_2PNPDE20080508_010504_000046812068_00231_32349_2631.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDE20080508_010110_000044632068_00231_32349_5486.N1	08-MAY-2008 01:05:04.656 08-MAY-2008 01:05:04.656	Product: RA2_WWV_2PNPDE20080508_010504_000046812068_00231_32349_2631.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDE20080508_022232_000058282068_00232_32350_2799.N1	08-MAY-2008 02:22:32.263 08-MAY-2008 02:22:32.263	Product: RA2_WWV_2PNPDE20080508_022232_000058282068_00232_32350_2800.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDE20080508_022052_000054192068_00232_32350_5487.N1	08-MAY-2008 02:22:32.263 08-MAY-2008 02:22:32.263	Product: RA2_WWV_2PNPDE20080508_022232_000058282068_00232_32350_2800.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDE20080508_035907_000060552068_00233_32351_2951.N1	08-MAY-2008 03:59:07.291 08-MAY-2008 03:59:07.291	Product: RA2_WWV_2PNPDE20080508_035907_000060552068_00233_32351_2952.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDE20080508_035630_000057382068_00233_32351_5488.N1	08-MAY-2008 03:59:07.291 08-MAY-2008 03:59:07.291	Product: RA2_WWV_2PNPDE20080508_035907_000060552068_00233_32351_2952.N1

DSD: RA2_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080507_072113_20080507_210000_20080508_090000	08-MAY-2008 03:59:07.291 08-MAY-2008 03:59:07.291	Product: RA2_WWV_2PNPDE20080508_035907_000060552068_00233_32351_2952.N1
DSD: RA2_CHARACTERISATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080507_190113_20080508_030000_20080508_150000	08-MAY-2008 03:59:07.291 08-MAY-2008 03:59:07.291	Product: RA2_WWV_2PNPDE20080508_035907_000060552068_00233_32351_2952.N1
DSD: MWR_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: NOT USED	08-MAY-2008 03:59:07.291 08-MAY-2008 03:59:07.291	Product: RA2_WWV_2PNPDE20080508_035907_000060552068_00233_32351_2952.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDE20080508_053928_000061292068_00234_32352_3132.N1	08-MAY-2008 05:39:28.461 08-MAY-2008 05:39:28.461	Product: RA2_WWV_2PNPDE20080508_053928_000061292068_00234_32352_3133.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDE20080508_053727_000057382068_00234_32352_5489.N1	08-MAY-2008 05:39:28.461 08-MAY-2008 05:39:28.461	Product: RA2_WWV_2PNPDE20080508_053928_000061292068_00234_32352_3133.N1
DSD: MWR_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080508_072112_20080508_090000_20080508_210000	08-MAY-2008 05:39:28.461 08-MAY-2008 05:39:28.461	Product: RA2_WWV_2PNPDE20080508_053928_000061292068_00234_32352_3133.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080508_072048_000040422068_00235_32353_6659.N1	08-MAY-2008 07:20:48.673 08-MAY-2008 07:20:48.673	Product: RA2_WWV_2PNPDK20080508_072048_000040422068_00235_32353_6660.N1

DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDK20080508_071824_000038262068_00235_32353_6813.N1	08-MAY-2008 07:20:48.673 08-MAY-2008 07:20:48.673	Product: RA2_WWV_2PNPDK20080508_072048_000040422068_00235_32353_6660.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080508_082735_000061602068_00236_32354_6806.N1	08-MAY-2008 08:27:35.731 08-MAY-2008 08:27:35.731	Product: RA2_WWV_2PNPDK20080508_082735_000061602068_00236_32354_6807.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDK20080508_082729_000057382068_00236_32354_6814.N1	08-MAY-2008 08:27:35.731 08-MAY-2008 08:27:35.731	Product: RA2_WWV_2PNPDK20080508_082735_000061602068_00236_32354_6807.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080508_100944_000059702068_00237_32355_6934.N1	08-MAY-2008 10:09:44.959 08-MAY-2008 10:09:44.959	Product: RA2_WWV_2PNPDK20080508_100944_000059702068_00237_32355_6935.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDK20080508_100826_000054192068_00237_32355_6815.N1	08-MAY-2008 10:09:44.959 08-MAY-2008 10:09:44.959	Product: RA2_WWV_2PNPDK20080508_100944_000059702068_00237_32355_6935.N1
DSD: RA2_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080507_190113_20080508_030000_20080508_150000	08-MAY-2008 10:09:44.959 08-MAY-2008 10:09:44.959	Product: RA2_WWV_2PNPDK20080508_100944_000059702068_00237_32355_6935.N1
DSD: RA2_CHARACTERISATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080508_072112_20080508_090000_20080508_210000	08-MAY-2008 10:09:44.959 08-MAY-2008 10:09:44.959	Product: RA2_WWV_2PNPDK20080508_100944_000059702068_00237_32355_6935.N1

DSD: MWR_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080508_072112_20080508_150000_20080509_030000	08-MAY-2008 10:09:44.959 08-MAY-2008 10:09:44.959	Product: RA2_WWV_2PNPDK20080508_100944_000059702068_00237_32355_6935.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080508_114842_000059882068_00238_32356_7139.N1	08-MAY-2008 11:48:42.579 08-MAY-2008 11:48:42.579	Product: RA2_WWV_2PNPDK20080508_114842_000059882068_00238_32356_7140.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDK20080508_114404_000057382068_00238_32356_6816.N1	08-MAY-2008 11:48:42.579 08-MAY-2008 11:48:42.579	Product: RA2_WWV_2PNPDK20080508_114842_000059882068_00238_32356_7140.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080508_132758_000058932068_00239_32357_7310.N1	08-MAY-2008 13:27:58.023 08-MAY-2008 13:27:58.023	Product: RA2_WWV_2PNPDK20080508_132758_000058932068_00239_32357_7311.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDK20080508_132501_000054192068_00239_32357_6817.N1	08-MAY-2008 13:27:58.023 08-MAY-2008 13:27:58.023	Product: RA2_WWV_2PNPDK20080508_132758_000058932068_00239_32357_7311.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080508_150527_000051352068_00240_32358_7438.N1	08-MAY-2008 15:05:27.637 08-MAY-2008 15:05:27.637	Product: RA2_WWV_2PNPDK20080508_150527_000051352068_00240_32358_7439.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDK20080508_150039_000057382068_00240_32358_6818.N1	08-MAY-2008 15:05:27.637 08-MAY-2008 15:05:27.637	Product: RA2_WWV_2PNPDK20080508_150527_000051352068_00240_32358_7439.N1

DSD: RA2_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080508_072112_20080508_090000_20080508_210000	08-MAY-2008 15:05:27.637 08-MAY-2008 15:05:27.637	Product: RA2_WWV_2PNPDK20080508_150527_000051352068_00240_32358_7439.N1
DSD: RA2_CHARACTERISATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080508_072112_20080508_150000_20080509_030000	08-MAY-2008 15:05:27.637 08-MAY-2008 15:05:27.637	Product: RA2_WWV_2PNPDK20080508_150527_000051352068_00240_32358_7439.N1
DSD: MWR_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080508_072113_20080508_210000_20080509_090000	08-MAY-2008 15:05:27.637 08-MAY-2008 15:05:27.637	Product: RA2_WWV_2PNPDK20080508_150527_000051352068_00240_32358_7439.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080508_163510_00005072068_00241_32359_7441.N1	08-MAY-2008 16:35:10.499 08-MAY-2008 16:35:10.499	Product: RA2_WWV_2PNPDK20080508_163510_00005072068_00241_32359_7442.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080508_164210_000060282068_00241_32359_7546.N1	08-MAY-2008 16:42:10.478 08-MAY-2008 16:42:10.478	Product: RA2_WWV_2PNPDK20080508_164210_000060282068_00241_32359_7547.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: NOT USED	08-MAY-2008 16:42:10.478 08-MAY-2008 16:42:10.478	Product: RA2_WWV_2PNPDK20080508_164210_000060282068_00241_32359_7547.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080508_182106_000060822068_00242_32360_7675.N1	08-MAY-2008 18:21:06.983 08-MAY-2008 18:21:06.983	Product: RA2_WWV_2PNPDK20080508_182106_000060822068_00242_32360_7676.N1



DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDK20080508_181714_000057382068_00242_32360_6820.N1	08-MAY-2008 18:21:06.983 08-MAY-2008 18:21:06.983	Product: RA2_WWV_2PNPDK20080508_182106_000060822068_00242_32360_7676.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDE20080508_200054_000040602068_00243_32361_3539.N1	08-MAY-2008 20:00:54.733 08-MAY-2008 20:00:54.733	Product: RA2_WWV_2PNPDE20080508_200054_000040602068_00243_32361_3540.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDE20080508_195811_000038252068_00243_32361_5490.N1	08-MAY-2008 20:00:54.733 08-MAY-2008 20:00:54.733	Product: RA2_WWV_2PNPDE20080508_200054_000040602068_00243_32361_3540.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDE20080508_210735_000063792068_00243_32361_3693.N1	08-MAY-2008 21:07:35.107 08-MAY-2008 21:07:35.107	Product: RA2_WWV_2PNPDE20080508_210735_000063792068_00243_32361_3694.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: NOT USED	08-MAY-2008 21:07:35.107 08-MAY-2008 21:07:35.107	Product: RA2_WWV_2PNPDE20080508_210735_000063792068_00243_32361_3694.N1
DSD: RA2_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080508_072112_20080508_150000_20080509_030000	08-MAY-2008 21:07:35.107 08-MAY-2008 21:07:35.107	Product: RA2_WWV_2PNPDE20080508_210735_000063792068_00243_32361_3694.N1
DSD: RA2_CHARACTERISATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080508_072113_20080508_210000_20080509_090000	08-MAY-2008 21:07:35.107 08-MAY-2008 21:07:35.107	Product: RA2_WWV_2PNPDE20080508_210735_000063792068_00243_32361_3694.N1

DSD: MWR_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080508_190114_20080509_030000_20080509_150000	08-MAY-2008 21:07:35.107 08-MAY-2008 21:07:35.107	Product: RA2_WWV_2PNPDE20080508_210735_000063792068_00243_32361_3694.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDE20080508_225258_000061432068_00244_32362_3848.N1	08-MAY-2008 22:52:58.171 08-MAY-2008 22:52:58.171	Product: RA2_WWV_2PNPDE20080508_225258_000061432068_00244_32362_3849.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDE20080508_224813_000060572068_00244_32362_5492.N1	08-MAY-2008 22:52:58.171 08-MAY-2008 22:52:58.171	Product: RA2_WWV_2PNPDE20080508_225258_000061432068_00244_32362_3849.N1

**Current ADFs (from IECF list)**

Gauge	Value	Explicit Reference
RA2_IFF_AX.INFO PCF_IECF	RA2_IFF_AXVIEC20080328_105445_20080328_000000_20100101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_USO_AX.INFO PCF_IECF	RA2_USO_AXVIEC20070618_133225_20070620_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
MWR_SLT_AX.INFO PCF_IECF	MWR_SLT_AXVIEC20060921_063409_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
AUX_ATT_AX.INFO PCF_IECF	AUX_ATT_AXVIEC20020924_131534_20020703_120000_20781231_235959	Corresponding to date 24-APR-2008 03:00:00.000
RA2_PLA_AX.INFO PCF_IECF	RA2_PLA_AXVIEC20060331_181823_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_SOL_AX.INFO PCF_IECF	RA2_SOL_AXVIEC20080421_084833_20020101_000000_20090401_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_CON_AX.INFO PCF_IECF	RA2_CON_AXVIEC20070723_131547_20060621_132015_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_CHD_AX.INFO PCF_IECF	RA2_CHD_AXVIEC20060913_074707_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
MWR_CON_AX.INFO PCF_IECF	MWR_CON_AXVIEC20040810_145011_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
MWR_CHD_AX.INFO PCF_IECF	MWR_CHD_AXVIEC20061013_132356_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
MWR_LSF_AX.INFO PCF_IECF	MWR_LSF_AXVIEC20020313_172218_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_MET_AX.INFO PCF_IECF	RA2_MET_AXVIEC20020204_073357_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000

RA2_CST_AX.INFO PCF_IECF	RA2_CST_AXVIEC20020621_135858_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_SOI_AX.INFO PCF_IECF	RA2_SOI_AXVIEC20051003_170000_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_ICT_AX.INFO PCF_IECF	RA2_ICT_AXVIEC20060921_070730_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_SSB_AX.INFO PCF_IECF	RA2_SSB_AXVIEC20051129_111810_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_DIP_AX.INFO PCF_IECF	RA2_DIP_AXVIEC20020122_134206_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_IOC_AX.INFO PCF_IECF	RA2_IOC_AXVIEC20020122_141121_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_SET_AX.INFO PCF_IECF	RA2_SET_AXVIEC20020122_150917_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_OT1_AX.INFO PCF_IECF	RA2_OT1_AXVIEC20040120_082051_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_OT2_AX.INFO PCF_IECF	RA2_OT2_AXVIEC20031208_150159_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_TLD_AX.INFO PCF_IECF	RA2_TLD_AXVIEC20031208_151137_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_GEO_AX.INFO PCF_IECF	RA2_GEO_AXVIEC20020314_093428_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_MSS_AX.INFO PCF_IECF	RA2_MSS_AXVIEC20031208_145545_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_SL1_AX.INFO PCF_IECF	RA2_SL1_AXVIEC20030131_100228_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_SL2_AX.INFO PCF_IECF	RA2_SL2_AXVIEC20030131_101757_20020101_000000_20200101_000000	Corresponding to date 24-APR-2008 03:00:00.000
RA2_POL_AX.INFO PCF_IECF	RA2_POL_AXVIEC20080501_152903_20020101_000000_20080531_235959	Corresponding to date 02-MAY-2008 03:00:01.000

Differences with IECF list

Gauge Value Explicit Reference

## MPH checks (Level 0)

### MPH Errors for RA2\_CAL\_0P



**RA2\_CAL\_0P products with wrong filename**

Gauge Segment (Start-Stop)

**RA2\_CAL\_0P products with unknown processing stage**

Gauge Segment (Start-Stop)

**RA2\_CAL\_0P products with unknown acquisition station**

Gauge Segment (Start-Stop)

**RA2\_CAL\_0P products with unknown processing center**

Gauge Segment (Start-Stop)

**RA2\_CAL\_0P products with wrong processing time**

Gauge Segment (Start-Stop)

**RA2\_CAL\_0P products with software version not equal to the current version**

Gauge	Segment (Start-Stop)
Warning: Wrong Software ver. KSPT_L0/4303	08-MAY-2008 16:31:14.387
Filename: RA2_CAL_0PNPDK20080508_163114_000001502068_00241_32359_1013.N1;	08-MAY-2008 16:33:44.777

**RA2\_CAL\_0P products with wrong sensing start**

Gauge Segment (Start-Stop)

**RA2\_CAL\_0P products with wrong sensing stop**

Gauge Segment (Start-Stop)

**RA2\_CAL\_0P products with wrong phase**

Gauge Segment (Start-Stop)

**RA2\_CAL\_0P products with wrong state vector time**

Gauge	Segment (Start-Stop)
Warning: Not equal to FPO input. 08-MAY-2008 16:23:12.612469	08-MAY-2008 16:31:14.387
Filename: RA2_CAL_0PNPDK20080508_163114_000001502068_00241_32359_1013.N1;	08-MAY-2008 16:33:44.777

**RA2\_CAL\_0P products with wrong x\_position**

Gauge Segment (Start-Stop)

**RA2\_CAL\_0P products with wrong y\_position**

Gauge Segment (Start-Stop)

**RA2\_CAL\_0P products with wrong z\_position**

Gauge Segment (Start-Stop)

**RA2\_CAL\_0P products with wrong x\_velocity**

Gauge Segment (Start-Stop)

**RA2\_CAL\_0P products with wrong y\_velocity**

Gauge Segment (Start-Stop)

**RA2\_CAL\_0P products with wrong z\_velocity**

Gauge Segment (Start-Stop)

RA2\_CAL\_0P products with unknown vector source

Gauge Segment (Start-Stop)

RA2\_CAL\_0P products with UTC to SBT time too far from sensing time

Gauge	Segment (Start-Stop)
Warning: Wrong UTC SBT time format. 08-MAY-2008 13:22:28.713597	08-MAY-2008 16:31:14.387
Filename: RA2_CAL_0PNPDK20080508_163114_000001502068_00241_32359_1013.N1;	08-MAY-2008 16:33:44.777

RA2\_CAL\_0P products with satellite binary time out-of-range

Gauge Segment (Start-Stop)

RA2\_CAL\_0P products with wrong clock step

Gauge Segment (Start-Stop)

RA2\_CAL\_0P products with leap utc set to blank

Gauge Segment (Start-Stop)

RA2\_CAL\_0P products with leap err set

Gauge Segment (Start-Stop)

RA2\_CAL\_0P products with product err set

Gauge Segment (Start-Stop)

## MPH Errors for DOR\_DOP\_0P



### DOR\_DOP\_0P MPH checks

DOR\_DOP\_0P products with wrong filename

Gauge Segment (Start-Stop)

DOR\_DOP\_0P products with unknown processing stage

Gauge Segment (Start-Stop)

DOR\_DOP\_0P products with unknown acquisition station

Gauge Segment (Start-Stop)

DOR\_DOP\_0P products with unknown processing center

Gauge Segment (Start-Stop)

DOR\_DOP\_0P products with wrong processing time

Gauge Segment (Start-Stop)

DOR\_DOP\_0P products with software version not equal to the current version

**Gauge Segment (Start-Stop)**

**DOR\_DOP\_0P products with wrong sensing start**

**Gauge Segment (Start-Stop)**

**DOR\_DOP\_0P products with wrong sensing stop**

**Gauge Segment (Start-Stop)**

**DOR\_DOP\_0P products with wrong phase**

**Gauge Segment (Start-Stop)**

**DOR\_DOP\_0P products with wrong state vector time**

<b>Gauge</b>	<b>Segment (Start-Stop)</b>
Warning: Not equal to FPO input. 07-MAY-2008 23:37:13.279606 Filename: DOR_DOP_0PNPDE20080507_232500_000059302068_00230_32348_5897.N1;	07-MAY-2008 23:25:00.442 08-MAY-2008 01:03:49.943
Warning: Not equal to FPO input. 08-MAY-2008 01:17:49.152706 Filename: DOR_DOP_0PNPDE20080508_010453_000045272068_00231_32349_5898.N1;	08-MAY-2008 01:04:53.701 08-MAY-2008 02:20:20.549
Warning: Not equal to FPO input. 08-MAY-2008 02:58:25.059946 Filename: DOR_DOP_0PNPDE20080508_022228_000056742068_00232_32350_5899.N1;	08-MAY-2008 02:22:28.057 08-MAY-2008 03:57:02.550
Warning: Not equal to FPO input. 08-MAY-2008 04:39:01.069861 Filename: DOR_DOP_0PNPDE20080508_035806_000059302068_00233_32351_5900.N1;	08-MAY-2008 03:58:06.307 08-MAY-2008 05:36:55.831
Warning: Not equal to FPO input. 08-MAY-2008 06:19:37.080767 Filename: DOR_DOP_0PNPDE20080508_053903_000059932068_00234_32352_5901.N1;	08-MAY-2008 05:39:03.347 08-MAY-2008 07:18:56.649
Warning: Not equal to FPO input. 08-MAY-2008 08:00:13.035279 Filename: DOR_DOP_0PNPDK20080508_072000_000039532068_00235_32353_7526.N1;	08-MAY-2008 07:20:00.406 08-MAY-2008 08:25:53.430
Warning: Not equal to FPO input. 08-MAY-2008 08:00:13.035279 Filename: DOR_DOP_0PNPDK20080508_082657_000060572068_00236_32354_7527.N1;	08-MAY-2008 08:26:57.188 08-MAY-2008 10:07:54.228
Warning: Not equal to FPO input. 08-MAY-2008 09:40:48.938064 Filename: DOR_DOP_0PNPDK20080508_100857_000058662068_00237_32355_7528.N1;	08-MAY-2008 10:08:57.986 08-MAY-2008 11:46:43.729
Warning: Not equal to FPO input. 08-MAY-2008 11:21:24.806592 Filename: DOR_DOP_0PNPDK20080508_114747_000058662068_00238_32356_7529.N1;	08-MAY-2008 11:47:47.482 08-MAY-2008 13:25:33.249
Warning: Not equal to FPO input. 08-MAY-2008 13:02:00.679555 Filename: DOR_DOP_0PNPDK20080508_132740_000058022068_00239_32357_7530.N1;	08-MAY-2008 13:27:40.760 08-MAY-2008 15:04:22.769
Warning: Not equal to FPO input. 08-MAY-2008 14:42:36.606023 Filename: DOR_DOP_0PNPDK20080508_150526_000057382068_00240_32358_7531.N1;	08-MAY-2008 15:05:26.527 08-MAY-2008 16:41:04.785
Warning: Not equal to FPO input. 08-MAY-2008 16:23:12.612469 Filename: DOR_DOP_0PNPDK20080508_164208_000059302068_00241_32359_7532.N1;	08-MAY-2008 16:42:08.543 08-MAY-2008 18:20:58.095
Warning: Not equal to FPO input. 08-MAY-2008 18:03:48.626419 Filename: DOR_DOP_0PNPDK20080508_182058_000059302068_00242_32360_7533.N1;	08-MAY-2008 18:20:58.095 08-MAY-2008 19:59:47.619
Warning: Not equal to FPO input. 08-MAY-2008 19:44:24.607316 Filename: DOR_DOP_0PNPDE20080508_200051_000038892068_00243_32361_5902.N1;	08-MAY-2008 20:00:51.377 08-MAY-2008 21:05:40.635
Warning: Not equal to FPO input. 08-MAY-2008 21:25:00.507780 Filename: DOR_DOP_0PNPDE20080508_210644_000063122068_00243_32361_5903.N1;	08-MAY-2008 21:06:44.397 08-MAY-2008 22:51:56.448
Warning: Not equal to FPO input. 08-MAY-2008 23:05:36.370735 Filename: DOR_DOP_0PNPDE20080508_225156_000060572068_00244_32362_5904.N1;	08-MAY-2008 22:51:56.448 09-MAY-2008 00:32:53.484

**DOR\_DOP\_0P products with wrong x\_position**

**Gauge Segment (Start-Stop)**

**DOR\_DOP\_0P products with wrong y\_position**

**Gauge Segment (Start-Stop)**

**DOR\_DOP\_0P products with wrong z\_position**

**Gauge Segment (Start-Stop)**

**DOR\_DOP\_0P products with wrong x\_velocity**

**Gauge Segment (Start-Stop)**

**DOR\_DOP\_0P products with wrong y\_velocity**

**Gauge Segment (Start-Stop)**

**DOR\_DOP\_0P products with wrong z\_velocity**

**Gauge Segment (Start-Stop)**

**DOR\_DOP\_0P products with unknown vector source**

**Gauge Segment (Start-Stop)**

**DOR\_DOP\_0P products with UTC to SBT time too far from sensing time**

<b>Gauge</b>	<b>Segment (Start-Stop)</b>
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: DOR_DOP_0PNPDE20080508_022228_000056742068_00232_32350_5899.N1;	08-MAY-2008 02:22:28.057 08-MAY-2008 03:57:02.550
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: DOR_DOP_0PNPDE20080508_035806_000059302068_00233_32351_5900.N1;	08-MAY-2008 03:58:06.307 08-MAY-2008 05:36:55.831
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: DOR_DOP_0PNPDE20080508_053903_000059932068_00234_32352_5901.N1;	08-MAY-2008 05:39:03.347 08-MAY-2008 07:18:56.649
Warning: Wrong UTC SBT time format. 08-MAY-2008 06:44:43.710826 Filename: DOR_DOP_0PNPDK20080508_082657_000060572068_00236_32354_7527.N1;	08-MAY-2008 08:26:57.188 08-MAY-2008 10:07:54.228
Warning: Wrong UTC SBT time format. 08-MAY-2008 08:24:20.711516 Filename: DOR_DOP_0PNPDK20080508_100857_000058662068_00237_32355_7528.N1;	08-MAY-2008 10:08:57.986 08-MAY-2008 11:46:43.729
Warning: Wrong UTC SBT time format. 08-MAY-2008 11:43:23.712898 Filename: DOR_DOP_0PNPDK20080508_132740_000058022068_00239_32357_7530.N1;	08-MAY-2008 13:27:40.760 08-MAY-2008 15:04:22.769
Warning: Wrong UTC SBT time format. 08-MAY-2008 13:22:28.713597 Filename: DOR_DOP_0PNPDK20080508_150526_000057382068_00240_32358_7531.N1;	08-MAY-2008 15:05:26.527 08-MAY-2008 16:41:04.785
Warning: Wrong UTC SBT time format. 08-MAY-2008 15:00:52.714279 Filename: DOR_DOP_0PNPDK20080508_164208_000059302068_00241_32359_7532.N1;	08-MAY-2008 16:42:08.543 08-MAY-2008 18:20:58.095
Warning: Wrong UTC SBT time format. 08-MAY-2008 16:38:26.714958 Filename: DOR_DOP_0PNPDK20080508_182058_000059302068_00242_32360_7533.N1;	08-MAY-2008 18:20:58.095 08-MAY-2008 19:59:47.619
Warning: Wrong UTC SBT time format. 08-MAY-2008 18:16:25.715638 Filename: DOR_DOP_0PNPDE20080508_200051_000038892068_00243_32361_5902.N1;	08-MAY-2008 20:00:51.377 08-MAY-2008 21:05:40.635

**DOR\_DOP\_0P products with satellite binary time out-of-range**

**Gauge Segment (Start-Stop)**

**DOR\_DOP\_0P products with wrong clock step**

**Gauge Segment (Start-Stop)**

**DOR\_DOP\_0P products with leap utc set to blank**

**Gauge Segment (Start-Stop)**

**DOR\_DOP\_0P products with leap err set**

Gauge Segment (Start-Stop)

DOR\_DOP\_0P products with product err set

Gauge Segment (Start-Stop)

## MPH Errors for DOR\_NAV\_0P



### DOR\_NAV\_0P MPH checks

DOR\_NAV\_0P products with wrong filename

Gauge Segment (Start-Stop)

DOR\_NAV\_0P products with unknown processing stage

Gauge Segment (Start-Stop)

DOR\_NAV\_0P products with unknown acquisition station

Gauge Segment (Start-Stop)

DOR\_NAV\_0P products with unknown processing center

Gauge Segment (Start-Stop)

DOR\_NAV\_0P products with wrong processing time

Gauge Segment (Start-Stop)

DOR\_NAV\_0P products with software version not equal to the current version

Gauge Segment (Start-Stop)

DOR\_NAV\_0P products with wrong sensing start

Gauge Segment (Start-Stop)

DOR\_NAV\_0P products with wrong sensing stop

Gauge Segment (Start-Stop)

DOR\_NAV\_0P products with wrong phase

Gauge Segment (Start-Stop)

DOR\_NAV\_0P products with wrong state vector time

Gauge	Segment (Start-Stop)
Warning: Not equal to FPO input. 07-MAY-2008 23:37:13.279606 Filename: DOR_NAV_0PNPDE20080507_232532_000054192068_00230_32348_5485.N1;	07-MAY-2008 23:25:32.313 08-MAY-2008 00:55:51.763
Warning: Not equal to FPO input. 08-MAY-2008 01:17:49.152706 Filename: DOR_NAV_0PNPDE20080508_010110_000044632068_00231_32349_5486.N1;	08-MAY-2008 01:01:10.552 08-MAY-2008 02:15:33.627
Warning: Not equal to FPO input. 08-MAY-2008 02:58:25.059946 Filename: DOR_NAV_0PNPDE20080508_022052_000054192068_00232_32350_5487.N1;	08-MAY-2008 02:20:52.420 08-MAY-2008 03:51:11.885



Warning: Not equal to FPO input. 08-MAY-2008 04:39:01.069861 Filename: DOR_NAV_0PNPDE20080508_035630_000057382068_00233_32351_5488.N1;	08-MAY-2008 03:56:30.675 08-MAY-2008 05:32:08.925
Warning: Not equal to FPO input. 08-MAY-2008 06:19:37.080767 Filename: DOR_NAV_0PNPDE20080508_053727_000057382068_00234_32352_5489.N1;	08-MAY-2008 05:37:27.718 08-MAY-2008 07:13:05.969
Warning: Not equal to FPO input. 08-MAY-2008 08:00:13.035279 Filename: DOR_NAV_0PNPDK20080508_071824_000038262068_00235_32353_6813.N1;	08-MAY-2008 07:18:24.766 08-MAY-2008 08:22:10.286
Warning: Not equal to FPO input. 08-MAY-2008 08:00:13.035279 Filename: DOR_NAV_0PNPDK20080508_082729_000057382068_00236_32354_6814.N1;	08-MAY-2008 08:27:29.071 08-MAY-2008 10:03:07.314
Warning: Not equal to FPO input. 08-MAY-2008 09:40:48.938064 Filename: DOR_NAV_0PNPDK20080508_100826_000054192068_00237_32355_6815.N1;	08-MAY-2008 10:08:26.107 08-MAY-2008 11:38:45.537
Warning: Not equal to FPO input. 08-MAY-2008 11:21:24.806592 Filename: DOR_NAV_0PNPDK20080508_114404_000057382068_00238_32356_6816.N1;	08-MAY-2008 11:44:04.330 08-MAY-2008 13:19:42.581
Warning: Not equal to FPO input. 08-MAY-2008 13:02:00.679555 Filename: DOR_NAV_0PNPDK20080508_132501_000054192068_00239_32357_6817.N1;	08-MAY-2008 13:25:01.370 08-MAY-2008 14:55:20.824
Warning: Not equal to FPO input. 08-MAY-2008 14:42:36.606023 Filename: DOR_NAV_0PNPDK20080508_150039_000057382068_00240_32358_6818.N1;	08-MAY-2008 15:00:39.621 08-MAY-2008 16:36:17.883
Warning: Not equal to FPO input. 08-MAY-2008 16:23:12.612469 Filename: DOR_NAV_0PNPDK20080508_164136_000054192068_00241_32359_6819.N1;	08-MAY-2008 16:41:36.664 08-MAY-2008 18:11:56.149
Warning: Not equal to FPO input. 08-MAY-2008 18:03:48.626419 Filename: DOR_NAV_0PNPDK20080508_181714_000057382068_00242_32360_6820.N1;	08-MAY-2008 18:17:14.942 08-MAY-2008 19:52:53.189
Warning: Not equal to FPO input. 08-MAY-2008 19:44:24.607316 Filename: DOR_NAV_0PNPDE20080508_195811_000038252068_00243_32361_5490.N1;	08-MAY-2008 19:58:11.982 08-MAY-2008 21:01:57.475
Warning: Not equal to FPO input. 08-MAY-2008 21:25:00.507780 Filename: DOR_NAV_0PNPDE20080508_210716_000057382068_00243_32361_5491.N1;	08-MAY-2008 21:07:16.272 08-MAY-2008 22:42:54.510
Warning: Not equal to FPO input. 08-MAY-2008 23:05:36.370735 Filename: DOR_NAV_0PNPDE20080508_224813_000060572068_00244_32362_5492.N1;	08-MAY-2008 22:48:13.296 09-MAY-2008 00:29:10.332

**DOR\_NAV\_0P products with wrong x\_position**

**Gauge Segment (Start-Stop)**

**DOR\_NAV\_0P products with wrong y\_position**

**Gauge Segment (Start-Stop)**

**DOR\_NAV\_0P products with wrong z\_position**

**Gauge Segment (Start-Stop)**

**DOR\_NAV\_0P products with wrong x\_velocity**

**Gauge Segment (Start-Stop)**

**DOR\_NAV\_0P products with wrong y\_velocity**

**Gauge Segment (Start-Stop)**

**DOR\_NAV\_0P products with wrong z\_velocity**

**Gauge Segment (Start-Stop)**

**DOR\_NAV\_0P products with unknown vector source**

**Gauge Segment (Start-Stop)**

**DOR\_NAV\_0P products with UTC to SBT time too far from sensing time**

Gauge	Segment (Start-Stop)
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: DOR_NAV_0PNPDE20080508_022052_000054192068_00232_32350_5487.N1;	08-MAY-2008 02:20:52.420 08-MAY-2008 03:51:11.885
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: DOR_NAV_0PNPDE20080508_035630_000057382068_00233_32351_5488.N1;	08-MAY-2008 03:56:30.675 08-MAY-2008 05:32:08.925
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: DOR_NAV_0PNPDE20080508_053727_000057382068_00234_32352_5489.N1;	08-MAY-2008 05:37:27.718 08-MAY-2008 07:13:05.969
Warning: Wrong UTC SBT time format. 08-MAY-2008 06:44:43.710826 Filename: DOR_NAV_0PNPDK20080508_082729_000057382068_00236_32354_6814.N1;	08-MAY-2008 08:27:29.071 08-MAY-2008 10:03:07.314
Warning: Wrong UTC SBT time format. 08-MAY-2008 08:24:20.711516 Filename: DOR_NAV_0PNPDK20080508_100826_000054192068_00237_32355_6815.N1;	08-MAY-2008 10:08:26.107 08-MAY-2008 11:38:45.537
Warning: Wrong UTC SBT time format. 08-MAY-2008 11:43:23.712898 Filename: DOR_NAV_0PNPDK20080508_132501_000054192068_00239_32357_6817.N1;	08-MAY-2008 13:25:01.370 08-MAY-2008 14:55:20.824
Warning: Wrong UTC SBT time format. 08-MAY-2008 15:00:52.714279 Filename: DOR_NAV_0PNPDK20080508_164136_000054192068_00241_32359_6819.N1;	08-MAY-2008 16:41:36.664 08-MAY-2008 18:11:56.149
Warning: Wrong UTC SBT time format. 08-MAY-2008 18:16:25.715638 Filename: DOR_NAV_0PNPDE20080508_195811_000038252068_00243_32361_5490.N1;	08-MAY-2008 19:58:11.982 08-MAY-2008 21:01:57.475

**DOR\_NAV\_0P products with satellite binary time out-of-range**

**Gauge Segment (Start-Stop)**

**DOR\_NAV\_0P products with wrong clock step**

**Gauge Segment (Start-Stop)**

**DOR\_NAV\_0P products with leap utc set to blank**

**Gauge Segment (Start-Stop)**

**DOR\_NAV\_0P products with leap err set**

**Gauge Segment (Start-Stop)**

**DOR\_NAV\_0P products with product err set**

**Gauge Segment (Start-Stop)**

**MPH Errors for MWR\_NL\_\_0P**



**MWR\_NL\_\_0P MPH checks**

**MWR\_NL\_\_0P products with wrong filename**

**Gauge Segment (Start-Stop)**

**MWR\_NL\_\_0P products with unknown processing stage**

**Gauge Segment (Start-Stop)**

**MWR\_NL\_\_0P products with unknown acquisition station**

Gauge Segment (Start-Stop)

MWR\_NL\_\_0P products with unknown processing center

Gauge Segment (Start-Stop)

MWR\_NL\_\_0P products with wrong processing time

Gauge Segment (Start-Stop)

MWR\_NL\_\_0P products with software version not equal to the current version

Gauge Segment (Start-Stop)

MWR\_NL\_\_0P products with wrong sensing start

Gauge Segment (Start-Stop)

MWR\_NL\_\_0P products with wrong sensing stop

Gauge Segment (Start-Stop)

MWR\_NL\_\_0P products with wrong phase

Gauge Segment (Start-Stop)

MWR\_NL\_\_0P products with wrong state vector time

Gauge	Segment (Start-Stop)
Warning: Not equal to FPO input. 07-MAY-2008 23:37:13.279606 Filename: MWR_NL__0PNPDE20080507_232538_000059762068_00230_32348_5908.N1;	07-MAY-2008 23:25:38.786 08-MAY-2008 01:05:14.958
Warning: Not equal to FPO input. 08-MAY-2008 01:17:49.152706 Filename: MWR_NL__0PNPDE20080508_010450_000046322068_00231_32349_5909.N1;	08-MAY-2008 01:04:50.951 08-MAY-2008 02:22:03.076
Warning: Not equal to FPO input. 08-MAY-2008 02:58:25.059946 Filename: MWR_NL__0PNPDE20080508_022227_000057842068_00232_32350_5910.N1;	08-MAY-2008 02:22:27.080 08-MAY-2008 03:58:51.237
Warning: Not equal to FPO input. 08-MAY-2008 04:39:01.069861 Filename: MWR_NL__0PNPDE20080508_035851_000060002068_00233_32351_5911.N1;	08-MAY-2008 03:58:51.237 08-MAY-2008 05:38:51.402
Warning: Not equal to FPO input. 08-MAY-2008 06:19:37.080767 Filename: MWR_NL__0PNPDE20080508_053915_000060722068_00234_32352_5912.N1;	08-MAY-2008 05:39:15.410 08-MAY-2008 07:20:27.570
Warning: Not equal to FPO input. 08-MAY-2008 08:00:13.035279 Filename: MWR_NL__0PNPDK20080508_072027_000040082068_00235_32353_7409.N1;	08-MAY-2008 07:20:27.570 08-MAY-2008 08:27:15.676
Warning: Not equal to FPO input. 08-MAY-2008 08:00:13.035279 Filename: MWR_NL__0PNPDK20080508_082715_000061202068_00236_32354_7410.N1;	08-MAY-2008 08:27:15.676 08-MAY-2008 10:09:15.845
Warning: Not equal to FPO input. 08-MAY-2008 09:40:48.938064 Filename: MWR_NL__0PNPDK20080508_100939_000059282068_00237_32355_7411.N1;	08-MAY-2008 10:09:39.853 08-MAY-2008 11:48:28.010
Warning: Not equal to FPO input. 08-MAY-2008 11:21:24.806592 Filename: MWR_NL__0PNPDK20080508_114828_000059522068_00238_32356_7412.N1;	08-MAY-2008 11:48:28.010 08-MAY-2008 13:27:40.171
Warning: Not equal to FPO input. 08-MAY-2008 13:02:00.679555 Filename: MWR_NL__0PNPDK20080508_132740_000058562068_00239_32357_7413.N1;	08-MAY-2008 13:27:40.171 08-MAY-2008 15:05:16.331
Warning: Not equal to FPO input. 08-MAY-2008 14:42:36.606023 Filename: MWR_NL__0PNPDK20080508_150516_000058322068_00240_32358_7414.N1;	08-MAY-2008 15:05:16.331 08-MAY-2008 16:42:28.496
Warning: Not equal to FPO input. 08-MAY-2008 16:23:12.612469 Filename: MWR_NL__0PNPDK20080508_164204_000059762068_00241_32359_7415.N1;	08-MAY-2008 16:42:04.496 08-MAY-2008 18:21:40.661
Warning: Not equal to FPO input. 08-MAY-2008 18:03:48.626419 Filename: MWR_NL__0PNPDK20080508_182052_000060482068_00242_32360_7416.N1;	08-MAY-2008 18:20:52.661 08-MAY-2008 20:01:40.826

Warning: Not equal to FPO input. 08-MAY-2008 19:44:24.607316 Filename: MWR_NL__OPNPDE20080508_200052_000040082068_00243_32361_5913.N1;	08-MAY-2008 20:00:52.830 08-MAY-2008 21:07:40.936
Warning: Not equal to FPO input. 08-MAY-2008 21:25:00.507780 Filename: MWR_NL__OPNPDE20080508_210716_000063362068_00243_32361_5914.N1;	08-MAY-2008 21:07:16.939 08-MAY-2008 22:52:53.112
Warning: Not equal to FPO input. 08-MAY-2008 23:05:36.370735 Filename: MWR_NL__OPNPDE20080508_225253_000060962068_00244_32362_5915.N1;	08-MAY-2008 22:52:53.112 09-MAY-2008 00:34:29.277

**MWR\_NL\_\_0P products with wrong x\_position**

**Gauge Segment (Start-Stop)**

**MWR\_NL\_\_0P products with wrong y\_position**

**Gauge Segment (Start-Stop)**

**MWR\_NL\_\_0P products with wrong z\_position**

**Gauge Segment (Start-Stop)**

**MWR\_NL\_\_0P products with wrong x\_velocity**

**Gauge Segment (Start-Stop)**

**MWR\_NL\_\_0P products with wrong y\_velocity**

**Gauge Segment (Start-Stop)**

**MWR\_NL\_\_0P products with wrong z\_velocity**

**Gauge Segment (Start-Stop)**

**MWR\_NL\_\_0P products with unknown vector source**

**Gauge Segment (Start-Stop)**

**MWR\_NL\_\_0P products with UTC to SBT time too far from sensing time**

<b>Gauge</b>	<b>Segment (Start-Stop)</b>
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: MWR_NL__OPNPDE20080508_022227_000057842068_00232_32350_5910.N1;	08-MAY-2008 02:22:27.080 08-MAY-2008 03:58:51.237
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: MWR_NL__OPNPDE20080508_035851_000060002068_00233_32351_5911.N1;	08-MAY-2008 03:58:51.237 08-MAY-2008 05:38:51.402
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: MWR_NL__OPNPDE20080508_053915_000060722068_00234_32352_5912.N1;	08-MAY-2008 05:39:15.410 08-MAY-2008 07:20:27.570
Warning: Wrong UTC SBT time format. 08-MAY-2008 06:44:43.710826 Filename: MWR_NL__OPNPDK20080508_082715_000061202068_00236_32354_7410.N1;	08-MAY-2008 08:27:15.676 08-MAY-2008 10:09:15.845
Warning: Wrong UTC SBT time format. 08-MAY-2008 08:24:20.711516 Filename: MWR_NL__OPNPDK20080508_100939_000059282068_00237_32355_7411.N1;	08-MAY-2008 10:09:39.853 08-MAY-2008 11:48:28.010
Warning: Wrong UTC SBT time format. 08-MAY-2008 11:43:23.712898 Filename: MWR_NL__OPNPDK20080508_132740_000058562068_00239_32357_7413.N1;	08-MAY-2008 13:27:40.171 08-MAY-2008 15:05:16.331
Warning: Wrong UTC SBT time format. 08-MAY-2008 13:22:28.713597 Filename: MWR_NL__OPNPDK20080508_150516_000058322068_00240_32358_7414.N1;	08-MAY-2008 15:05:16.331 08-MAY-2008 16:42:28.496
Warning: Wrong UTC SBT time format. 08-MAY-2008 15:00:52.714279 Filename: MWR_NL__OPNPDK20080508_164204_000059762068_00241_32359_7415.N1;	08-MAY-2008 16:42:04.496 08-MAY-2008 18:21:40.661
Warning: Wrong UTC SBT time format. 08-MAY-2008 16:38:26.714958 Filename: MWR_NL__OPNPDK20080508_182052_000060482068_00242_32360_7416.N1;	08-MAY-2008 18:20:52.661 08-MAY-2008 20:01:40.826

**MWR\_NL\_\_0P products with satellite binary time out-of-range**

Gauge Segment (Start-Stop)

MWR\_NL\_\_0P products with wrong clock step

Gauge Segment (Start-Stop)

MWR\_NL\_\_0P products with leap utc set to blank

Gauge Segment (Start-Stop)

MWR\_NL\_\_0P products with leap err set

Gauge Segment (Start-Stop)

MWR\_NL\_\_0P products with product err set

Gauge Segment (Start-Stop)

**MPH Errors for RA2\_ME\_\_0P**



**RA2\_ME\_\_0P MPH checks**

RA2\_ME\_\_0P products with wrong filename

Gauge Segment (Start-Stop)

RA2\_ME\_\_0P products with unknown processing stage

Gauge Segment (Start-Stop)

RA2\_ME\_\_0P products with unknown acquisition station

Gauge Segment (Start-Stop)

RA2\_ME\_\_0P products with unknown processing center

Gauge Segment (Start-Stop)

RA2\_ME\_\_0P products with wrong processing time

Gauge Segment (Start-Stop)

RA2\_ME\_\_0P products with software version not equal to the current version

Gauge Segment (Start-Stop)

RA2\_ME\_\_0P products with wrong sensing start

Gauge Segment (Start-Stop)

RA2\_ME\_\_0P products with wrong sensing stop

Gauge Segment (Start-Stop)

**RA2\_ME\_\_0P products with wrong phase**

**Gauge Segment (Start-Stop)**

**RA2\_ME\_\_0P products with wrong state vector time**

<b>Gauge</b>	<b>Segment (Start-Stop)</b>
Warning: Not equal to FPO input. 07-MAY-2008 23:37:13.279606 Filename: RA2_ME__0PNPDE20080507_232545_000060202068_00230_32348_6482.N1;	07-MAY-2008 23:25:45.844 08-MAY-2008 01:06:05.900
Warning: Not equal to FPO input. 08-MAY-2008 01:17:49.152706 Filename: RA2_ME__0PNPDE20080508_010504_000046802068_00231_32349_6483.N1;	08-MAY-2008 01:05:04.630 08-MAY-2008 02:23:04.544
Warning: Not equal to FPO input. 08-MAY-2008 02:58:25.059946 Filename: RA2_ME__0PNPDE20080508_022232_000058272068_00232_32350_6484.N1;	08-MAY-2008 02:22:32.238 08-MAY-2008 03:59:39.572
Warning: Not equal to FPO input. 08-MAY-2008 04:39:01.069861 Filename: RA2_ME__0PNPDE20080508_035907_000060532068_00233_32351_6485.N1;	08-MAY-2008 03:59:07.266 08-MAY-2008 05:40:00.742
Warning: Not equal to FPO input. 08-MAY-2008 06:19:37.080767 Filename: RA2_ME__0PNPDE20080508_053928_000061282068_00234_32352_6486.N1;	08-MAY-2008 05:39:28.436 08-MAY-2008 07:21:36.550
Warning: Not equal to FPO input. 08-MAY-2008 08:00:13.035279 Filename: RA2_ME__0PNPDK20080508_072048_000040402068_00235_32353_8700.N1;	08-MAY-2008 07:20:48.648 08-MAY-2008 08:28:09.126
Warning: Not equal to FPO input. 08-MAY-2008 08:00:13.035279 Filename: RA2_ME__0PNPDK20080508_082735_000061592068_00236_32354_8701.N1;	08-MAY-2008 08:27:35.706 08-MAY-2008 10:10:15.012
Warning: Not equal to FPO input. 08-MAY-2008 09:40:48.938064 Filename: RA2_ME__0PNPDK20080508_100944_000059692068_00237_32355_8702.N1;	08-MAY-2008 10:09:44.934 08-MAY-2008 11:49:13.746
Warning: Not equal to FPO input. 08-MAY-2008 11:21:24.806592 Filename: RA2_ME__0PNPDK20080508_114842_000059872068_00238_32356_8703.N1;	08-MAY-2008 11:48:42.554 08-MAY-2008 13:28:29.189
Warning: Not equal to FPO input. 08-MAY-2008 13:02:00.679555 Filename: RA2_ME__0PNPDK20080508_132757_000058922068_00239_32357_8704.N1;	08-MAY-2008 13:27:57.997 08-MAY-2008 15:06:09.943
Warning: Not equal to FPO input. 08-MAY-2008 14:42:36.606023 Filename: RA2_ME__0PNPDK20080508_150527_000051342068_00240_32358_8705.N1;	08-MAY-2008 15:05:27.611 08-MAY-2008 16:31:02.037
Warning: Not equal to FPO input. 08-MAY-2008 16:23:12.612469 Filename: RA2_ME__0PNPDK20080508_163510_000005062068_00241_32359_8706.N1;	08-MAY-2008 16:35:10.474 08-MAY-2008 16:43:36.230
Warning: Not equal to FPO input. 08-MAY-2008 16:23:12.612469 Filename: RA2_ME__0PNPDK20080508_164210_000060272068_00241_32359_8707.N1;	08-MAY-2008 16:42:10.452 08-MAY-2008 18:22:37.192
Warning: Not equal to FPO input. 08-MAY-2008 18:03:48.626419 Filename: RA2_ME__0PNPDK20080508_182106_000060812068_00242_32360_8708.N1;	08-MAY-2008 18:21:06.958 08-MAY-2008 20:02:28.284
Warning: Not equal to FPO input. 08-MAY-2008 19:44:24.607316 Filename: RA2_ME__0PNPDE20080508_200054_000040592068_00243_32361_6487.N1;	08-MAY-2008 20:00:54.708 08-MAY-2008 21:08:34.124
Warning: Not equal to FPO input. 08-MAY-2008 21:25:00.507780 Filename: RA2_ME__0PNPDE20080508_210735_000063782068_00243_32361_6488.N1;	08-MAY-2008 21:07:35.082 08-MAY-2008 22:53:52.732
Warning: Not equal to FPO input. 08-MAY-2008 23:05:36.370735 Filename: RA2_ME__0PNPDE20080508_225258_000061412068_00244_32362_6489.N1;	08-MAY-2008 22:52:58.146 09-MAY-2008 00:35:19.628

**RA2\_ME\_\_0P products with wrong x\_position**

**Gauge Segment (Start-Stop)**

**RA2\_ME\_\_0P products with wrong y\_position**

**Gauge Segment (Start-Stop)**

**RA2\_ME\_\_0P products with wrong z\_position**

**Gauge Segment (Start-Stop)**

**RA2\_ME\_\_0P products with wrong x\_velocity**

**Gauge Segment (Start-Stop)**

**RA2\_ME\_\_0P products with wrong y\_velocity**

**Gauge Segment (Start-Stop)**

**RA2\_ME\_\_0P products with wrong z\_velocity**

**Gauge Segment (Start-Stop)**

**RA2\_ME\_\_0P products with unknown vector source**

**Gauge Segment (Start-Stop)**

**RA2\_ME\_\_0P products with UTC to SBT time too far from sensing time**

<b>Gauge</b>	<b>Segment (Start-Stop)</b>
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: RA2_ME__0PNPDE20080508_022232_000058272068_00232_32350_6484.N1;	08-MAY-2008 02:22:32.238 08-MAY-2008 03:59:39.572
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: RA2_ME__0PNPDE20080508_035907_000060532068_00233_32351_6485.N1;	08-MAY-2008 03:59:07.266 08-MAY-2008 05:40:00.742
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: RA2_ME__0PNPDE20080508_053928_000061282068_00234_32352_6486.N1;	08-MAY-2008 05:39:28.436 08-MAY-2008 07:21:36.550
Warning: Wrong UTC SBT time format. 08-MAY-2008 06:44:43.710826 Filename: RA2_ME__0PNPDK20080508_082735_000061592068_00236_32354_8701.N1;	08-MAY-2008 08:27:35.706 08-MAY-2008 10:10:15.012
Warning: Wrong UTC SBT time format. 08-MAY-2008 08:24:20.711516 Filename: RA2_ME__0PNPDK20080508_100944_000059692068_00237_32355_8702.N1;	08-MAY-2008 10:09:44.934 08-MAY-2008 11:49:13.746
Warning: Wrong UTC SBT time format. 08-MAY-2008 11:43:23.712898 Filename: RA2_ME__0PNPDK20080508_132757_000058922068_00239_32357_8704.N1;	08-MAY-2008 13:27:57.997 08-MAY-2008 15:06:09.943
Warning: Wrong UTC SBT time format. 08-MAY-2008 13:22:28.713597 Filename: RA2_ME__0PNPDK20080508_150527_000051342068_00240_32358_8705.N1;	08-MAY-2008 15:05:27.611 08-MAY-2008 16:31:02.037
Warning: Wrong UTC SBT time format. 08-MAY-2008 13:22:28.713597 Filename: RA2_ME__0PNPDK20080508_163510_000005062068_00241_32359_8706.N1;	08-MAY-2008 16:35:10.474 08-MAY-2008 16:43:36.230
Warning: Wrong UTC SBT time format. 08-MAY-2008 15:00:52.714279 Filename: RA2_ME__0PNPDK20080508_164210_000060272068_00241_32359_8707.N1;	08-MAY-2008 16:42:10.452 08-MAY-2008 18:22:37.192
Warning: Wrong UTC SBT time format. 08-MAY-2008 16:38:26.714958 Filename: RA2_ME__0PNPDK20080508_182106_000060812068_00242_32360_8708.N1;	08-MAY-2008 18:21:06.958 08-MAY-2008 20:02:28.284
Warning: Wrong UTC SBT time format. 08-MAY-2008 18:16:25.715638 Filename: RA2_ME__0PNPDE20080508_200054_000040592068_00243_32361_6487.N1;	08-MAY-2008 20:00:54.708 08-MAY-2008 21:08:34.124

**RA2\_ME\_\_0P products with satellite binary time out-of-range**

**Gauge Segment (Start-Stop)**

**RA2\_ME\_\_0P products with wrong clock step**

**Gauge Segment (Start-Stop)**

**RA2\_ME\_\_0P products with leap utc set to blank**

**Gauge Segment (Start-Stop)**

**RA2\_ME\_\_0P products with leap err set**

Gauge Segment (Start-Stop)  
 RA2\_ME\_\_0P products with product err set

Gauge	Segment (Start-Stop)
Warning: Product Error flag set. Filename: RA2_ME__0PNPDK20080508_182106_000060812068_00242_32360_8708.N1;	08-MAY-2008 18:21:06.958 08-MAY-2008 20:02:28.284

## MPH checks (Level 1)

### MPH Errors for RA2\_MW\_\_1P



#### RA2\_MW\_\_1P MPH checks

RA2\_MW\_\_1P products with wrong filename

Gauge Segment (Start-Stop)

RA2\_MW\_\_1P products with unknown processing stage

Gauge Segment (Start-Stop)

RA2\_MW\_\_1P products with unknown acquisition station

Gauge Segment (Start-Stop)

RA2\_MW\_\_1P products with unknown processing center

Gauge Segment (Start-Stop)

RA2\_MW\_\_1P products with wrong processing time

Gauge Segment (Start-Stop)

RA2\_MW\_\_1P products with software version not equal to the current version

Gauge	Segment (Start-Stop)
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDE20080507_232545_000060212068_00230_32348_2494.N1;	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDE20080508_010504_000046812068_00231_32349_2629.N1;	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDE20080508_022232_000058282068_00232_32350_2798.N1;	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDE20080508_035907_000060552068_00233_32351_2950.N1;	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDE20080508_053928_000061292068_00234_32352_3131.N1;	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633



Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080508_072048_000040422068_00235_32353_6658.N1;	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080508_082735_000061602068_00236_32354_6805.N1;	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080508_100944_000059702068_00237_32355_6933.N1;	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080508_114842_000059882068_00238_32356_7138.N1;	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080508_132758_000058932068_00239_32357_7309.N1;	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080508_150527_000051352068_00240_32358_7437.N1;	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080508_163510_000005072068_00241_32359_7440.N1;	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080508_164210_000060282068_00241_32359_7545.N1;	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080508_182106_000060822068_00242_32360_7674.N1;	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDE20080508_200054_000040602068_00243_32361_3538.N1;	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDE20080508_210735_000063792068_00243_32361_3692.N1;	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDE20080508_225258_000061432068_00244_32362_3847.N1;	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711

**RA2\_MW\_\_1P products with wrong sensing start**

Gauge Segment (Start-Stop)

**RA2\_MW\_\_1P products with wrong sensing stop**

Gauge Segment (Start-Stop)

**RA2\_MW\_\_1P products with wrong phase**

Gauge Segment (Start-Stop)

**RA2\_MW\_\_1P products with wrong state vector time**

Gauge	Segment (Start-Stop)
Warning: Not equal to FPO input. 07-MAY-2008 23:37:14.064421 Filename: RA2_MW__1PNPDE20080507_232545_000060212068_00230_32348_2494.N1;	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
Warning: Not equal to FPO input. 08-MAY-2008 01:17:49.936858 Filename: RA2_MW__1PNPDE20080508_010504_000046812068_00231_32349_2629.N1;	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
Warning: Not equal to FPO input. 08-MAY-2008 02:58:25.843968 Filename: RA2_MW__1PNPDE20080508_022232_000058282068_00232_32350_2798.N1;	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
Warning: Not equal to FPO input. 08-MAY-2008 04:39:01.853785 Filename: RA2_MW__1PNPDE20080508_035907_000060552068_00233_32351_2950.N1;	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
Warning: Not equal to FPO input. 08-MAY-2008 06:19:37.864219 Filename: RA2_MW__1PNPDE20080508_053928_000061292068_00234_32352_3131.N1;	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633
Warning: Not equal to FPO input. 08-MAY-2008 08:00:13.817099 Filename: RA2_MW__1PNPDK20080508_072048_000040422068_00235_32353_6658.N1;	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209

Warning: Not equal to FPO input. 08-MAY-2008 09:40:49.718091 Filename: RA2_MW__1PNPDK20080508_082735_000061602068_00236_32354_6805.N1;	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
Warning: Not equal to FPO input. 08-MAY-2008 11:21:25.585812 Filename: RA2_MW__1PNPDK20080508_100944_000059702068_00237_32355_6933.N1;	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
Warning: Not equal to FPO input. 08-MAY-2008 13:02:01.457278 Filename: RA2_MW__1PNPDK20080508_114842_000059882068_00238_32356_7138.N1;	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273
Warning: Not equal to FPO input. 08-MAY-2008 14:42:37.382867 Filename: RA2_MW__1PNPDK20080508_132758_000058932068_00239_32357_7309.N1;	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
Warning: Not equal to FPO input. 08-MAY-2008 14:42:36.606023 Filename: RA2_MW__1PNPDK20080508_150527_000051352068_00240_32358_7437.N1;	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121
Warning: Not equal to FPO input. 08-MAY-2008 16:23:12.612469 Filename: RA2_MW__1PNPDK20080508_163510_000005072068_00241_32359_7440.N1;	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
Warning: Not equal to FPO input. 08-MAY-2008 18:03:49.403139 Filename: RA2_MW__1PNPDK20080508_164210_000060282068_00241_32359_7545.N1;	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276
Warning: Not equal to FPO input. 08-MAY-2008 19:44:25.386810 Filename: RA2_MW__1PNPDK20080508_182106_000060822068_00242_32360_7674.N1;	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
Warning: Not equal to FPO input. 08-MAY-2008 21:25:01.290653 Filename: RA2_MW__1PNPDE20080508_200054_000040602068_00243_32361_3538.N1;	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208
Warning: Not equal to FPO input. 08-MAY-2008 21:25:01.290653 Filename: RA2_MW__1PNPDE20080508_210735_000063792068_00243_32361_3692.N1;	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815
Warning: Not equal to FPO input. 08-MAY-2008 23:05:37.150809 Filename: RA2_MW__1PNPDE20080508_225258_000061432068_00244_32362_3847.N1;	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711

**RA2\_MW\_\_1P products with wrong x\_position**

**Gauge Segment (Start-Stop)**

**RA2\_MW\_\_1P products with wrong y\_position**

**Gauge Segment (Start-Stop)**

**RA2\_MW\_\_1P products with wrong z\_position**

**Gauge Segment (Start-Stop)**

**RA2\_MW\_\_1P products with wrong x\_velocity**

**Gauge Segment (Start-Stop)**

**RA2\_MW\_\_1P products with wrong y\_velocity**

**Gauge Segment (Start-Stop)**

**RA2\_MW\_\_1P products with wrong z\_velocity**

**Gauge Segment (Start-Stop)**

**RA2\_MW\_\_1P products with unknown vector source**

**Gauge Segment (Start-Stop)**

**RA2\_MW\_\_1P products with UTC to SBT time too far from sensing time**

<b>Gauge</b>	<b>Segment (Start-Stop)</b>
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: RA2_MW__1PNPDE20080508_022232_000058282068_00232_32350_2798.N1;	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656

Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: RA2_MW__1PNPDE20080508_035907_000060552068_00233_32351_2950.N1;	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: RA2_MW__1PNPDE20080508_053928_000061292068_00234_32352_3131.N1;	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633
Warning: Wrong UTC SBT time format. 08-MAY-2008 06:44:43.710826 Filename: RA2_MW__1PNPDK20080508_082735_000061602068_00236_32354_6805.N1;	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
Warning: Wrong UTC SBT time format. 08-MAY-2008 08:24:20.711516 Filename: RA2_MW__1PNPDK20080508_100944_000059702068_00237_32355_6933.N1;	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
Warning: Wrong UTC SBT time format. 08-MAY-2008 11:43:23.712898 Filename: RA2_MW__1PNPDK20080508_132758_000058932068_00239_32357_7309.N1;	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
Warning: Wrong UTC SBT time format. 08-MAY-2008 13:22:28.713597 Filename: RA2_MW__1PNPDK20080508_150527_000051352068_00240_32358_7437.N1;	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121
Warning: Wrong UTC SBT time format. 08-MAY-2008 13:22:28.713597 Filename: RA2_MW__1PNPDK20080508_163510_00005072068_00241_32359_7440.N1;	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
Warning: Wrong UTC SBT time format. 08-MAY-2008 15:00:52.714279 Filename: RA2_MW__1PNPDK20080508_164210_000060282068_00241_32359_7545.N1;	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276
Warning: Wrong UTC SBT time format. 08-MAY-2008 16:38:26.714958 Filename: RA2_MW__1PNPDK20080508_182106_000060822068_00242_32360_7674.N1;	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
Warning: Wrong UTC SBT time format. 08-MAY-2008 18:16:25.715638 Filename: RA2_MW__1PNPDE20080508_200054_000040602068_00243_32361_3538.N1;	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208

**RA2\_MW\_\_1P products with satellite binary time out-of-range**

**Gauge Segment (Start-Stop)**

**RA2\_MW\_\_1P products with wrong clock step**

**Gauge Segment (Start-Stop)**

**RA2\_MW\_\_1P products with leap utc set to blank**

**Gauge Segment (Start-Stop)**

**RA2\_MW\_\_1P products with leap err set**

**Gauge Segment (Start-Stop)**

**RA2\_MW\_\_1P products with product err set**

**Gauge Segment (Start-Stop)**

## MPH checks (Level 2)

### MPH Errors for RA2\_FGD\_2P



**RA2\_FGD\_2P products with wrong filename**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with unknown processing stage**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with unknown acquisition station**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with unknown processing center**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with wrong processing time**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with software version not equal to the current version**

<b>Gauge</b>	<b>Segment (Start-Stop)</b>
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDE20080507_232545_000060212068_00230_32348_2495.N1;	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDE20080508_010504_000046812068_00231_32349_2630.N1;	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDE20080508_022232_000058282068_00232_32350_2799.N1;	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDE20080508_035907_000060552068_00233_32351_2951.N1;	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDE20080508_053928_000061292068_00234_32352_3132.N1;	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080508_072048_000040422068_00235_32353_6659.N1;	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080508_082735_000061602068_00236_32354_6806.N1;	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080508_100944_000059702068_00237_32355_6934.N1;	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080508_114842_000059882068_00238_32356_7139.N1;	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080508_132758_000058932068_00239_32357_7310.N1;	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080508_150527_000051352068_00240_32358_7438.N1;	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080508_163510_000005072068_00241_32359_7441.N1;	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080508_164210_000060282068_00241_32359_7546.N1;	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080508_182106_000060822068_00242_32360_7675.N1;	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDE20080508_200054_000040602068_00243_32361_3539.N1;	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208

Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDE20080508_210735_000063792068_00243_32361_3693.N1;	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDE20080508_225258_000061432068_00244_32362_3848.N1;	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711

**RA2\_FGD\_2P products with wrong sensing start**

Gauge Segment (Start-Stop)

**RA2\_FGD\_2P products with wrong sensing stop**

Gauge Segment (Start-Stop)

**RA2\_FGD\_2P products with wrong phase**

Gauge Segment (Start-Stop)

**RA2\_FGD\_2P products with wrong state vector time**

Gauge	Segment (Start-Stop)
Warning: Not equal to FPO input. 07-MAY-2008 23:37:14.064421 Filename: RA2_FGD_2PNPDE20080507_232545_000060212068_00230_32348_2495.N1;	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
Warning: Not equal to FPO input. 08-MAY-2008 01:17:49.936858 Filename: RA2_FGD_2PNPDE20080508_010504_000046812068_00231_32349_2630.N1;	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
Warning: Not equal to FPO input. 08-MAY-2008 02:58:25.843968 Filename: RA2_FGD_2PNPDE20080508_022232_000058282068_00232_32350_2799.N1;	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
Warning: Not equal to FPO input. 08-MAY-2008 04:39:01.853785 Filename: RA2_FGD_2PNPDE20080508_035907_000060552068_00233_32351_2951.N1;	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
Warning: Not equal to FPO input. 08-MAY-2008 06:19:37.864219 Filename: RA2_FGD_2PNPDE20080508_053928_000061292068_00234_32352_3132.N1;	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633
Warning: Not equal to FPO input. 08-MAY-2008 08:00:13.817099 Filename: RA2_FGD_2PNPDK20080508_072048_000040422068_00235_32353_6659.N1;	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209
Warning: Not equal to FPO input. 08-MAY-2008 09:40:49.718091 Filename: RA2_FGD_2PNPDK20080508_082735_000061602068_00236_32354_6806.N1;	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
Warning: Not equal to FPO input. 08-MAY-2008 11:21:25.585812 Filename: RA2_FGD_2PNPDK20080508_100944_000059702068_00237_32355_6934.N1;	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
Warning: Not equal to FPO input. 08-MAY-2008 13:02:01.457278 Filename: RA2_FGD_2PNPDK20080508_114842_000059882068_00238_32356_7139.N1;	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273
Warning: Not equal to FPO input. 08-MAY-2008 14:42:37.382867 Filename: RA2_FGD_2PNPDK20080508_132758_000058932068_00239_32357_7310.N1;	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
Warning: Not equal to FPO input. 08-MAY-2008 14:42:36.606023 Filename: RA2_FGD_2PNPDK20080508_150527_000051352068_00240_32358_7438.N1;	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121
Warning: Not equal to FPO input. 08-MAY-2008 16:23:12.612469 Filename: RA2_FGD_2PNPDK20080508_163510_000005072068_00241_32359_7441.N1;	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
Warning: Not equal to FPO input. 08-MAY-2008 18:03:49.403139 Filename: RA2_FGD_2PNPDK20080508_164210_000060282068_00241_32359_7546.N1;	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276
Warning: Not equal to FPO input. 08-MAY-2008 19:44:25.386810 Filename: RA2_FGD_2PNPDK20080508_182106_000060822068_00242_32360_7675.N1;	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
Warning: Not equal to FPO input. 08-MAY-2008 21:25:01.290653 Filename: RA2_FGD_2PNPDE20080508_200054_000040602068_00243_32361_3539.N1;	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208
Warning: Not equal to FPO input. 08-MAY-2008 21:25:01.290653 Filename: RA2_FGD_2PNPDE20080508_210735_000063792068_00243_32361_3693.N1;	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815

Warning: Not equal to FPO input. 08-MAY-2008 23:05:37.150809 Filename: RA2_FGD_2PNPDE20080508_225258_000061432068_00244_32362_3848.N1;	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711
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**RA2\_FGD\_2P products with wrong x\_position**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with wrong y\_position**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with wrong z\_position**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with wrong x\_velocity**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with wrong y\_velocity**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with wrong z\_velocity**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with unknown vector source**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with UTC to SBT time too far from sensing time**

<b>Gauge</b>	<b>Segment (Start-Stop)</b>
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: RA2_FGD_2PNPDE20080508_022232_000058282068_00232_32350_2799.N1;	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: RA2_FGD_2PNPDE20080508_035907_000060552068_00233_32351_2951.N1;	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: RA2_FGD_2PNPDE20080508_053928_000061292068_00234_32352_3132.N1;	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633
Warning: Wrong UTC SBT time format. 08-MAY-2008 06:44:43.710826 Filename: RA2_FGD_2PNPDK20080508_082735_000061602068_00236_32354_6806.N1;	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
Warning: Wrong UTC SBT time format. 08-MAY-2008 08:24:20.711516 Filename: RA2_FGD_2PNPDK20080508_100944_000059702068_00237_32355_6934.N1;	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
Warning: Wrong UTC SBT time format. 08-MAY-2008 11:43:23.712898 Filename: RA2_FGD_2PNPDK20080508_132758_000058932068_00239_32357_7310.N1;	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
Warning: Wrong UTC SBT time format. 08-MAY-2008 13:22:28.713597 Filename: RA2_FGD_2PNPDK20080508_150527_000051352068_00240_32358_7438.N1;	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121
Warning: Wrong UTC SBT time format. 08-MAY-2008 13:22:28.713597 Filename: RA2_FGD_2PNPDK20080508_163510_000005072068_00241_32359_7441.N1;	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
Warning: Wrong UTC SBT time format. 08-MAY-2008 15:00:52.714279 Filename: RA2_FGD_2PNPDK20080508_164210_000060282068_00241_32359_7546.N1;	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276
Warning: Wrong UTC SBT time format. 08-MAY-2008 16:38:26.714958 Filename: RA2_FGD_2PNPDK20080508_182106_000060822068_00242_32360_7675.N1;	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
Warning: Wrong UTC SBT time format. 08-MAY-2008 18:16:25.715638 Filename: RA2_FGD_2PNPDE20080508_200054_000040602068_00243_32361_3539.N1;	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208

**RA2\_FGD\_2P products with satellite binary time out-of-range**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with wrong clock step**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with leap utc set to blank**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with leap err set**

**Gauge Segment (Start-Stop)**

**RA2\_FGD\_2P products with product err set**

<b>Gauge</b>	<b>Segment (Start-Stop)</b>
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDE20080507_232545_000060212068_00230_32348_2495.N1;	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDE20080508_010504_000046812068_00231_32349_2630.N1;	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDE20080508_022232_000058282068_00232_32350_2799.N1;	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDE20080508_035907_000060552068_00233_32351_2951.N1;	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDE20080508_053928_000061292068_00234_32352_3132.N1;	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080508_072048_000040422068_00235_32353_6659.N1;	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080508_082735_000061602068_00236_32354_6806.N1;	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080508_100944_000059702068_00237_32355_6934.N1;	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080508_114842_000059882068_00238_32356_7139.N1;	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080508_132758_000058932068_00239_32357_7310.N1;	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080508_150527_000051352068_00240_32358_7438.N1;	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080508_163510_000005072068_00241_32359_7441.N1;	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080508_164210_000060282068_00241_32359_7546.N1;	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080508_182106_000060822068_00242_32360_7675.N1;	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDE20080508_200054_000040602068_00243_32361_3539.N1;	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDE20080508_210735_000063792068_00243_32361_3693.N1;	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDE20080508_225258_000061432068_00244_32362_3848.N1;	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711

## MPH Errors for RA2\_WWV\_2P



### RA2\_WWV\_2P MPH checks

#### RA2\_WWV\_2P products with wrong filename

**Gauge** **Segment (Start-Stop)**

#### RA2\_WWV\_2P products with unknown processing stage

**Gauge** **Segment (Start-Stop)**

#### RA2\_WWV\_2P products with unknown acquisition station

**Gauge** **Segment (Start-Stop)**

#### RA2\_WWV\_2P products with unknown processing center

**Gauge** **Segment (Start-Stop)**

#### RA2\_WWV\_2P products with wrong processing time

**Gauge** **Segment (Start-Stop)**

#### RA2\_WWV\_2P products with software version not equal to the current version

Gauge	Segment (Start-Stop)
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDE20080507_232545_000060212068_00230_32348_2496.N1;	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDE20080508_010504_000046812068_00231_32349_2631.N1;	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDE20080508_022232_000058282068_00232_32350_2800.N1;	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDE20080508_035907_000060552068_00233_32351_2952.N1;	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDE20080508_053928_000061292068_00234_32352_3133.N1;	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080508_072048_000040422068_00235_32353_6660.N1;	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080508_082735_000061602068_00236_32354_6807.N1;	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080508_100944_000059702068_00237_32355_6935.N1;	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080508_114842_000059882068_00238_32356_7140.N1;	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080508_132758_000058932068_00239_32357_7311.N1;	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080508_150527_000051352068_00240_32358_7439.N1;	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121



Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080508_163510_000005072068_00241_32359_7442.N1;	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080508_164210_000060282068_00241_32359_7547.N1;	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080508_182106_000060822068_00242_32360_7676.N1;	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDE20080508_200054_000040602068_00243_32361_3540.N1;	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDE20080508_210735_000063792068_00243_32361_3694.N1;	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDE20080508_225258_000061432068_00244_32362_3849.N1;	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711

**RA2\_WWV\_2P products with wrong sensing start**

**Gauge Segment (Start-Stop)**

**RA2\_WWV\_2P products with wrong sensing stop**

**Gauge Segment (Start-Stop)**

**RA2\_WWV\_2P products with wrong phase**

**Gauge Segment (Start-Stop)**

**RA2\_WWV\_2P products with wrong state vector time**

<b>Gauge</b>	<b>Segment (Start-Stop)</b>
Warning: Not equal to FPO input. 07-MAY-2008 23:37:14.064421 Filename: RA2_WWV_2PNPDE20080507_232545_000060212068_00230_32348_2496.N1;	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
Warning: Not equal to FPO input. 08-MAY-2008 01:17:49.936858 Filename: RA2_WWV_2PNPDE20080508_010504_000046812068_00231_32349_2631.N1;	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
Warning: Not equal to FPO input. 08-MAY-2008 02:58:25.843968 Filename: RA2_WWV_2PNPDE20080508_022232_000058282068_00232_32350_2800.N1;	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
Warning: Not equal to FPO input. 08-MAY-2008 04:39:01.853785 Filename: RA2_WWV_2PNPDE20080508_035907_000060552068_00233_32351_2952.N1;	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
Warning: Not equal to FPO input. 08-MAY-2008 06:19:37.864219 Filename: RA2_WWV_2PNPDE20080508_053928_000061292068_00234_32352_3133.N1;	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633
Warning: Not equal to FPO input. 08-MAY-2008 08:00:13.817099 Filename: RA2_WWV_2PNPDK20080508_072048_000040422068_00235_32353_6660.N1;	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209
Warning: Not equal to FPO input. 08-MAY-2008 09:40:49.718091 Filename: RA2_WWV_2PNPDK20080508_082735_000061602068_00236_32354_6807.N1;	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
Warning: Not equal to FPO input. 08-MAY-2008 11:21:25.585812 Filename: RA2_WWV_2PNPDK20080508_100944_000059702068_00237_32355_6935.N1;	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
Warning: Not equal to FPO input. 08-MAY-2008 13:02:01.457278 Filename: RA2_WWV_2PNPDK20080508_114842_000059882068_00238_32356_7140.N1;	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273
Warning: Not equal to FPO input. 08-MAY-2008 14:42:37.382867 Filename: RA2_WWV_2PNPDK20080508_132758_000058932068_00239_32357_7311.N1;	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
Warning: Not equal to FPO input. 08-MAY-2008 14:42:36.606023 Filename: RA2_WWV_2PNPDK20080508_150527_000051352068_00240_32358_7439.N1;	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121
Warning: Not equal to FPO input. 08-MAY-2008 16:23:12.612469 Filename: RA2_WWV_2PNPDK20080508_163510_000005072068_00241_32359_7442.N1;	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314

Warning: Not equal to FPO input. 08-MAY-2008 18:03:49.403139 Filename: RA2_WWV_2PNPDK20080508_164210_000060282068_00241_32359_7547.N1;	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276
Warning: Not equal to FPO input. 08-MAY-2008 19:44:25.386810 Filename: RA2_WWV_2PNPDK20080508_182106_000060822068_00242_32360_7676.N1;	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
Warning: Not equal to FPO input. 08-MAY-2008 21:25:01.290653 Filename: RA2_WWV_2PNPDE20080508_200054_000040602068_00243_32361_3540.N1;	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208
Warning: Not equal to FPO input. 08-MAY-2008 21:25:01.290653 Filename: RA2_WWV_2PNPDE20080508_210735_000063792068_00243_32361_3694.N1;	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815
Warning: Not equal to FPO input. 08-MAY-2008 23:05:37.150809 Filename: RA2_WWV_2PNPDE20080508_225258_000061432068_00244_32362_3849.N1;	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711

**RA2\_WWV\_2P products with wrong x\_position**

**Gauge Segment (Start-Stop)**

**RA2\_WWV\_2P products with wrong y\_position**

**Gauge Segment (Start-Stop)**

**RA2\_WWV\_2P products with wrong z\_position**

**Gauge Segment (Start-Stop)**

**RA2\_WWV\_2P products with wrong x\_velocity**

**Gauge Segment (Start-Stop)**

**RA2\_WWV\_2P products with wrong y\_velocity**

**Gauge Segment (Start-Stop)**

**RA2\_WWV\_2P products with wrong z\_velocity**

**Gauge Segment (Start-Stop)**

**RA2\_WWV\_2P products with unknown vector source**

**Gauge Segment (Start-Stop)**

**RA2\_WWV\_2P products with UTC to SBT time too far from sensing time**

<b>Gauge</b>	<b>Segment (Start-Stop)</b>
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: RA2_WWV_2PNPDE20080508_022232_000058282068_00232_32350_2800.N1;	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: RA2_WWV_2PNPDE20080508_035907_000060552068_00233_32351_2952.N1;	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
Warning: Wrong UTC SBT time format. 07-MAY-2008 23:56:08.707995 Filename: RA2_WWV_2PNPDE20080508_053928_000061292068_00234_32352_3133.N1;	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633
Warning: Wrong UTC SBT time format. 08-MAY-2008 06:44:43.710826 Filename: RA2_WWV_2PNPDK20080508_082735_000061602068_00236_32354_6807.N1;	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
Warning: Wrong UTC SBT time format. 08-MAY-2008 08:24:20.711516 Filename: RA2_WWV_2PNPDK20080508_100944_000059702068_00237_32355_6935.N1;	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
Warning: Wrong UTC SBT time format. 08-MAY-2008 11:43:23.712898 Filename: RA2_WWV_2PNPDK20080508_132758_000058932068_00239_32357_7311.N1;	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
Warning: Wrong UTC SBT time format. 08-MAY-2008 13:22:28.713597 Filename: RA2_WWV_2PNPDK20080508_150527_000051352068_00240_32358_7439.N1;	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121

Warning: Wrong UTC SBT time format. 08-MAY-2008 13:22:28.713597 Filename: RA2_WWV_2PNPDK20080508_163510_000005072068_00241_32359_7442.N1;	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
Warning: Wrong UTC SBT time format. 08-MAY-2008 15:00:52.714279 Filename: RA2_WWV_2PNPDK20080508_164210_000060282068_00241_32359_7547.N1;	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276
Warning: Wrong UTC SBT time format. 08-MAY-2008 16:38:26.714958 Filename: RA2_WWV_2PNPDK20080508_182106_000060822068_00242_32360_7676.N1;	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
Warning: Wrong UTC SBT time format. 08-MAY-2008 18:16:25.715638 Filename: RA2_WWV_2PNPDE20080508_200054_000040602068_00243_32361_3540.N1;	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208

**RA2\_WWV\_2P products with satellite binary time out-of-range**

Gauge Segment (Start-Stop)

**RA2\_WWV\_2P products with wrong clock step**

Gauge Segment (Start-Stop)

**RA2\_WWV\_2P products with leap utc set to blank**

Gauge Segment (Start-Stop)

**RA2\_WWV\_2P products with leap err set**

Gauge Segment (Start-Stop)

**RA2\_WWV\_2P products with product err set**

Gauge	Segment (Start-Stop)
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDE20080507_232545_000060212068_00230_32348_2496.N1;	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDE20080508_010504_000046812068_00231_32349_2631.N1;	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDE20080508_022232_000058282068_00232_32350_2800.N1;	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDE20080508_035907_000060552068_00233_32351_2952.N1;	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDE20080508_053928_000061292068_00234_32352_3133.N1;	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080508_072048_000040422068_00235_32353_6660.N1;	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080508_082735_000061602068_00236_32354_6807.N1;	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080508_100944_000059702068_00237_32355_6935.N1;	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080508_114842_000059882068_00238_32356_7140.N1;	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080508_132758_000058932068_00239_32357_7311.N1;	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080508_150527_000051352068_00240_32358_7439.N1;	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080508_163510_000005072068_00241_32359_7442.N1;	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080508_164210_000060282068_00241_32359_7547.N1;	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276

Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080508_182106_000060822068_00242_32360_7676.N1;	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDE20080508_200054_000040602068_00243_32361_3540.N1;	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDE20080508_210735_000063792068_00243_32361_3694.N1;	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDE20080508_225258_000061432068_00244_32362_3849.N1;	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711

## SPH checks

### RA2\_CAL\_0P SPH checks

#### SPH fields with errors



#### RA2\_CAL\_0P products using a wrong ADF (sensing not included in validity)

Gauge Segment (Start-Stop) Explicit Reference

#### RA2\_CAL\_0P products with start\_lat out of range

Gauge Value Segment (Start-Stop) Explicit Reference

#### RA2\_CAL\_0P products with start\_long out of range

Gauge Value Segment (Start-Stop) Explicit Reference

#### RA2\_CAL\_0P products with stop\_lat out of range

Gauge Value Segment (Start-Stop) Explicit Reference

#### RA2\_CAL\_0P products with stop\_long out of range

Gauge Value Segment (Start-Stop) Explicit Reference

#### RA2\_CAL\_0P products with sat\_track out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Percentage of RA2\_CAL\_0P products with ISP\_errors\_significant set to 1

Gauge Value Segment (Start-Stop)

RA2\_CAL\_0P products with num\_error\_ISPs out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for RA2\_CAL\_0P products with num\_error\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

Percentage of RA2\_CAL\_0P products with missing\_ISPs\_significant set to 1

Gauge Value Segment (Start-Stop)

RA2\_CAL\_0P products with num\_missing\_ISPs out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for RA2\_CAL\_0P products with num\_missing\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

Percentage of RA2\_CAL\_0P products with ISP\_discarded\_significant set to 1

Gauge Value Segment (Start-Stop)

RA2\_CAL\_0P products with num\_discarded\_ISPs out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for RA2\_CAL\_0P products with num\_discarded\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

Percentage of RA2\_CAL\_0P products with RS\_significant set to 1

Gauge Value Segment (Start-Stop)

RA2\_CAL\_0P products with num\_RS\_ISPs out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for RA2\_CAL\_0P products with num\_RS\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

DOR\_DOP\_0P SPH checks

SPH fields with errors



DOR\_DOP\_0P products using a wrong ADF (sensing not included in validity)

Gauge Segment (Start-Stop) Explicit Reference

DOR\_DOP\_0P products with start\_lat out of range

Gauge Value Segment (Start-Stop) Explicit Reference

DOR\_DOP\_0P products with start\_long out of range

Gauge Value Segment (Start-Stop) Explicit Reference

DOR\_DOP\_0P products with stop\_lat out of range

Gauge Value Segment (Start-Stop) Explicit Reference

DOR\_DOP\_0P products with stop\_long out of range

Gauge Value Segment (Start-Stop) Explicit Reference

DOR\_DOP\_0P products with sat\_track out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Percentage of DOR\_DOP\_0P products with ISP\_errors\_significant set to 1

Gauge Value Segment (Start-Stop)

DOR\_DOP\_0P products with num\_error\_ISPs out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for DOR\_DOP\_0P products with num\_error\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

Percentage of DOR\_DOP\_0P products with missing\_ISPs\_significant set to 1

Gauge Value Segment (Start-Stop)

DOR\_DOP\_0P products with num\_missing\_ISPs out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for DOR\_DOP\_0P products with num\_missing\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

Percentage of DOR\_DOP\_0P products with ISP\_discarded\_significant set to 1

Gauge Value Segment (Start-Stop)

DOR\_DOP\_0P products with num\_discarded\_ISPs out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for DOR\_DOP\_0P products with num\_discarded\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

Percentage of DOR\_DOP\_0P products with RS\_significant set to 1

Gauge Value Segment (Start-Stop)

DOR\_DOP\_0P products with num\_RS\_ISPs out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for DOR\_DOP\_0P products with num\_RS\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

DOR\_NAV\_0P SPH checks

SPH fields with errors



**DOR\_NAV\_0P products using a wrong ADF (sensing not included in validity)**

**Gauge** **Segment (Start-Stop)** **Explicit Reference**

**DOR\_NAV\_0P products with start\_lat out of range**

**Gauge** **Value** **Segment (Start-Stop)** **Explicit Reference**

**DOR\_NAV\_0P products with start\_long out of range**

**Gauge** **Value** **Segment (Start-Stop)** **Explicit Reference**

**DOR\_NAV\_0P products with stop\_lat out of range**

**Gauge** **Value** **Segment (Start-Stop)** **Explicit Reference**

**DOR\_NAV\_0P products with stop\_long out of range**

**Gauge** **Value** **Segment (Start-Stop)** **Explicit Reference**

**DOR\_NAV\_0P products with sat\_track out of range**

**Gauge** **Value** **Segment (Start-Stop)** **Explicit Reference**

**Percentage of DOR\_NAV\_0P products with ISP\_errors\_significant set to 1**

**Gauge** **Value** **Segment (Start-Stop)**

**DOR\_NAV\_0P products with num\_error\_ISPs out of range**

**Gauge** **Value** **Segment (Start-Stop)** **Explicit Reference**

**Statistics for DOR\_NAV\_0P products with num\_error\_ISPs out of range**

**Gauge** **Statistics** **Segment (Start-Stop)**

**Percentage of DOR\_NAV\_0P products with missing\_ISPs\_significant set to 1**

**Gauge** **Value** **Segment (Start-Stop)**

**DOR\_NAV\_0P products with num\_missing\_ISPs out of range**



Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for DOR\_NAV\_0P products with num\_missing\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

Percentage of DOR\_NAV\_0P products with ISP\_discarded\_significant set to 1

Gauge Value Segment (Start-Stop)

DOR\_NAV\_0P products with num\_discarded\_ISPs out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for DOR\_NAV\_0P products with num\_discarded\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

Percentage of DOR\_NAV\_0P products with RS\_significant set to 1

Gauge Value Segment (Start-Stop)

DOR\_NAV\_0P products with num\_RS\_ISPs out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for DOR\_NAV\_0P products with num\_RS\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

## MWR\_NL\_\_0P SPH checks

SPH fields with errors



MWR\_NL\_\_0P products using a wrong ADF (sensing not included in validity)

Gauge Segment (Start-Stop) Explicit Reference

MWR\_NL\_\_0P products with start\_lat out of range

Gauge Value Segment (Start-Stop) Explicit Reference

**MWR\_NL\_\_0P products with start\_long out of range**

Gauge Value Segment (Start-Stop) Explicit Reference

**MWR\_NL\_\_0P products with stop\_lat out of range**

Gauge Value Segment (Start-Stop) Explicit Reference

**MWR\_NL\_\_0P products with stop\_long out of range**

Gauge Value Segment (Start-Stop) Explicit Reference

**MWR\_NL\_\_0P products with sat\_track out of range**

Gauge Value Segment (Start-Stop) Explicit Reference

**Percentage of MWR\_NL\_\_0P products with ISP\_errors\_significant set to 1**

Gauge	Value	Segment (Start-Stop)
SPH.ISP_ERRORS_SIGNIFICANT_PERCENT.INFO PCF_MWR_NL__0P	0	08-MAY-2008 00:00:00.000 09-MAY-2008 00:00:00.000

**MWR\_NL\_\_0P products with num\_error\_ISPs out of range**

Gauge Value Segment (Start-Stop) Explicit Reference

**Statistics for MWR\_NL\_\_0P products with num\_error\_ISPs out of range**

Gauge Statistics Segment (Start-Stop)

**Percentage of MWR\_NL\_\_0P products with missing\_ISPs\_significant set to 1**

Gauge	Value	Segment (Start-Stop)
SPH.MISSING_ISPS_SIGNIFICANT_PERCENT.INFO PCF_MWR_NL__0P	0	08-MAY-2008 00:00:00.000 09-MAY-2008 00:00:00.000

**MWR\_NL\_\_0P products with num\_missing\_ISPs out of range**

Gauge Value Segment (Start-Stop) Explicit Reference

**Statistics for MWR\_NL\_\_0P products with num\_missing\_ISPs out of range**

Gauge Statistics Segment (Start-Stop)

Percentage of MWR\_NL\_\_0P products with ISP\_discarded\_significant set to 1

Gauge	Value	Segment (Start-Stop)
SPH.ISP_DISCARDED_SIGNIFICANT_PERCENT.INFO	0	08-MAY-2008 00:00:00.000
PCF_MWR_NL__0P		09-MAY-2008 00:00:00.000

MWR\_NL\_\_0P products with num\_discarded\_ISPs out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for MWR\_NL\_\_0P products with num\_discarded\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

Percentage of MWR\_NL\_\_0P products with RS\_significant set to 1

Gauge	Value	Segment (Start-Stop)
SPH.RS_SIGNIFICANT_PERCENT.INFO	0	08-MAY-2008 00:00:00.000
PCF_MWR_NL__0P		09-MAY-2008 00:00:00.000

MWR\_NL\_\_0P products with num\_RS\_ISPs out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for MWR\_NL\_\_0P products with num\_RS\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

RA2\_ME\_\_0P SPH checks

SPH fields with errors



RA2\_ME\_\_0P products using a wrong ADF (sensing not included in validity)

Gauge Segment (Start-Stop) Explicit Reference

RA2\_ME\_\_0P products with start\_lat out of range

Gauge Value Segment (Start-Stop) Explicit Reference

RA2\_ME\_\_0P products with start\_long out of range

Gauge Value Segment (Start-Stop) Explicit Reference

RA2\_ME\_\_0P products with stop\_lat out of range

Gauge Value Segment (Start-Stop) Explicit Reference

RA2\_ME\_\_0P products with stop\_long out of range

Gauge Value Segment (Start-Stop) Explicit Reference

RA2\_ME\_\_0P products with sat\_track out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Percentage of RA2\_ME\_\_0P products with ISP\_errors\_significant set to 1

Gauge Value Segment (Start-Stop)

RA2\_ME\_\_0P products with num\_error\_ISPs out of range

Gauge	Value	Segment (Start-Stop)	Explicit Reference
SPH.NUM_ERROR_ISPS.WARNING PCF_RA2_ME__0P	1	08-MAY-2008 18:21:06.958 08-MAY-2008 20:02:28.284	Product: RA2_ME__0PNPDK20080508_182106_000060812068_00242_32360_8708.N1

Statistics for RA2\_ME\_\_0P products with num\_error\_ISPs out of range

Gauge	Statistics	Segment (Start-Stop)
SPH.NUM_ERRORS_ISPS.STA PCF_RA2_ME__0P	M=1 d=0 >=1 <=1 %=7.03857164	08-MAY-2008 00:00:00.000 09-MAY-2008 00:00:00.000

Percentage of RA2\_ME\_\_0P products with missing\_ISPs\_significant set to 1

Gauge Value Segment (Start-Stop)

RA2\_ME\_\_0P products with num\_missing\_ISPs out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for RA2\_ME\_\_0P products with num\_missing\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

Percentage of RA2\_ME\_\_0P products with ISP\_discarded\_significant set to 1

Gauge Value Segment (Start-Stop)

RA2\_ME\_\_0P products with num\_discarded\_ISPs out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for RA2\_ME\_\_0P products with num\_discarded\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

Percentage of RA2\_ME\_\_0P products with RS\_significant set to 1

Gauge Value Segment (Start-Stop)

RA2\_ME\_\_0P products with num\_RS\_ISPs out of range

Gauge Value Segment (Start-Stop) Explicit Reference

Statistics for RA2\_ME\_\_0P products with num\_RS\_ISPs out of range

Gauge Statistics Segment (Start-Stop)

## RA2\_MW\_\_1P SPH checks

SPH fields with errors



RA2\_MW\_\_1P products using a wrong ADF (sensing not included in validity)

Gauge	Segment (Start-Stop)	Explicit Reference
Product: RA2_MW__1PNPDE20080507_232545_000060212068_00230_32348_2494.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984	ADF: DOR_NAV_0PNPDE20080507_232532_000054192068_00230_32348_5485.N1
Product: RA2_MW__1PNPDE20080508_010504_000046812068_00231_32349_2629.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628	ADF: DOR_NAV_0PNPDE20080508_010110_000044632068_00231_32349_5486.N1
Product: RA2_MW__1PNPDE20080508_022232_000058282068_00232_32350_2798.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656	ADF: DOR_NAV_0PNPDE20080508_022052_000054192068_00232_32350_5487.N1

Product: RA2_MW__1PNPDE20080508_035907_000060552068_00233_32351_2950.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826	ADF: DOR_NAV_0PNPDE20080508_035630_000057382068_00233_32351_2950.N1
Product: RA2_MW__1PNPDE20080508_053928_000061292068_00234_32352_3131.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633	ADF: DOR_NAV_0PNPDE20080508_053727_000057382068_00234_32352_3131.N1
Product: RA2_MW__1PNPDK20080508_072048_000040422068_00235_32353_6658.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209	ADF: DOR_NAV_0PNPDK20080508_071824_000038262068_00235_32353_6658.N1
Product: RA2_MW__1PNPDK20080508_082735_000061602068_00236_32354_6805.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095	ADF: DOR_NAV_0PNPDK20080508_082729_000057382068_00236_32354_6805.N1
Product: RA2_MW__1PNPDK20080508_100944_000059702068_00237_32355_6933.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829	ADF: DOR_NAV_0PNPDK20080508_100826_000054192068_00237_32355_6933.N1
Product: RA2_MW__1PNPDK20080508_114842_000059882068_00238_32356_7138.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273	ADF: DOR_NAV_0PNPDK20080508_114404_000057382068_00238_32356_7138.N1
Product: RA2_MW__1PNPDK20080508_132758_000058932068_00239_32357_7309.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027	ADF: DOR_NAV_0PNPDK20080508_132501_000054192068_00239_32357_7309.N1
Product: RA2_MW__1PNPDK20080508_150527_000051352068_00240_32358_7437.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121	ADF: DOR_NAV_0PNPDK20080508_150039_000057382068_00240_32358_7437.N1
Product: RA2_MW__1PNPDK20080508_163510_000005072068_00241_32359_7440.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314	ADF: DOR_NAV_0PNPDK20080508_150039_000057382068_00240_32358_7440.N1
Product: RA2_MW__1PNPDK20080508_182106_000060822068_00242_32360_7674.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368	ADF: DOR_NAV_0PNPDK20080508_181714_000057382068_00242_32360_7674.N1
Product: RA2_MW__1PNPDE20080508_200054_000040602068_00243_32361_3538.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208	ADF: DOR_NAV_0PNPDE20080508_195811_000038252068_00243_32361_3538.N1
Product: RA2_MW__1PNPDE20080508_225258_000061432068_00244_32362_3847.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711	ADF: DOR_NAV_0PNPDE20080508_224813_000060572068_00244_32362_3847.N1

**RA2\_MW\_\_1P products with processing errors significance flag set**

**RA2\_MW\_\_1P products with percentage DSRs free of processing errors below threshold**

**Gauge Value Segment (Start-Stop)**

**RA2\_MW\_\_1P products with percentage of valid measurements below threshold**

**Gauge Value Segment (Start-Stop)**

**RA2\_MW\_\_1P products with percentage of 320 MHz band processed below threshold**

Gauge	Value	Segment (Start-Stop)
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_MW__1P	8884	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_MW__1P	8505	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_MW__1P	8824	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_MW__1P	8596	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_MW__1P	8950	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368

**RA2\_MW\_\_1P products with percentage of 80 MHz band processed above threshold**

Gauge	Value	Segment (Start-Stop)
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_MW__1P	808	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_MW__1P	922	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_MW__1P	746	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_MW__1P	939	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_MW__1P	740	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368

**RA2\_MW\_\_1P products with percentage of 20 MHz band processed above threshold**

Gauge	Value	Segment (Start-Stop)
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_MW__1P	308	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_MW__1P	573	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_MW__1P	430	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_MW__1P	464	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_MW__1P	310	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368

**RA2\_FGD\_2P SPH checks**

**SPH fields with errors**



**RA2\_FGD\_2P products using a wrong ADF (sensing not included in validity)**

Gauge	Segment (Start-Stop)	Explicit Reference
Product: RA2_FGD_2PNPDE20080507_232545_000060212068_00230_32348_2495.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984	ADF: DOR_NAV_0PNPDE20080507_232532_000054192068_00230_32348_5485.N1
Product: RA2_FGD_2PNPDE20080508_010504_000046812068_00231_32349_2630.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628	ADF: DOR_NAV_0PNPDE20080508_010110_000044632068_00231_32349_5486.N1
Product: RA2_FGD_2PNPDE20080508_022232_000058282068_00232_32350_2799.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656	ADF: DOR_NAV_0PNPDE20080508_022052_000054192068_00232_32350_5487.N1
Product: RA2_FGD_2PNPDE20080508_035907_000060552068_00233_32351_2951.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826	ADF: DOR_NAV_0PNPDE20080508_035630_000057382068_00233_32351_5488.N1
Product: RA2_FGD_2PNPDE20080508_053928_000061292068_00234_32352_3132.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633	ADF: DOR_NAV_0PNPDE20080508_053727_000057382068_00234_32352_5489.N1
Product: RA2_FGD_2PNPDK20080508_072048_000040422068_00235_32353_6659.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209	ADF: DOR_NAV_0PNPDK20080508_071824_000038262068_00235_32353_6813.N1
Product: RA2_FGD_2PNPDK20080508_082735_000061602068_00236_32354_6806.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095	ADF: DOR_NAV_0PNPDK20080508_082729_000057382068_00236_32354_6814.N1

Product: RA2_FGD_2PNPDK20080508_100944_000059702068_00237_32355_6934.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829	ADF: DOR_NAV_0PNPDK20080508_100826_000054192068_00237_32
Product: RA2_FGD_2PNPDK20080508_114842_000059882068_00238_32356_7139.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273	ADF: DOR_NAV_0PNPDK20080508_114404_000057382068_00238_32356_6816.N1
Product: RA2_FGD_2PNPDK20080508_132758_000058932068_00239_32357_7310.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027	ADF: DOR_NAV_0PNPDK20080508_132501_000054192068_00239_32357_6817.N1
Product: RA2_FGD_2PNPDK20080508_150527_000051352068_00240_32358_7438.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121	ADF: DOR_NAV_0PNPDK20080508_150039_000057382068_00240_32358_6818.N1
Product: RA2_FGD_2PNPDK20080508_163510_00005072068_00241_32359_7441.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314	ADF: DOR_NAV_0PNPDK20080508_150039_000057382068_00240_32358_6818.N1
Product: RA2_FGD_2PNPDK20080508_182106_000060822068_00242_32360_7675.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368	ADF: DOR_NAV_0PNPDK20080508_181714_000057382068_00242_32360_6820.N1
Product: RA2_FGD_2PNPDE20080508_200054_000040602068_00243_32361_3539.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208	ADF: DOR_NAV_0PNPDE20080508_195811_000038252068_00243_32361_5490.N1
Product: RA2_FGD_2PNPDE20080508_225258_000061432068_00244_32362_3848.N1 DS NAME: REAL.ORBIT_STATE_VECTOR_FILE	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711	ADF: DOR_NAV_0PNPDE20080508_224813_000060572068_00244_32362_5492.N1

**Products with processing errors significance flag set**

Gauge	Segment (Start-Stop)
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276



SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711

**Products with processing errors significance flag set**

**Gauge Segment (Start-Stop)**

**Products with percentage DSRs free of processing errors below threshold**

Gauge	Value	Segment (Start-Stop)
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6729	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6954	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6957	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6933	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6601	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6607	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6986	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6902	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	7057	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6730	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6403	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	7363	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6784	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6615	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6455	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6539	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6473	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711

Products with percentage DSRs free of processing errors below threshold

Gauge Value Segment (Start-Stop)

RA2\_FGD\_2P products with percentage of valid measurements below threshold

Gauge Value Segment (Start-Stop)

RA2\_FGD\_2P products with percentage of 320 MHz band processed below threshold

Gauge	Value	Segment (Start-Stop)
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	9260	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	8763	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	9075	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	8924	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	9429	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	9242	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	9416	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208

RA2\_FGD\_2P products with percentage of 80 MHz band processed above threshold

Gauge	Value	Segment (Start-Stop)
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	602	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	889	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	664	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	401	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	820	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	610	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	442	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208

RA2\_FGD\_2P products with percentage of 20 MHz band processed above threshold

Gauge	Value	Segment (Start-Stop)
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	109	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	138	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628

SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	348	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	261	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	104	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	255	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	176	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	148	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	143	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208

**RA2\_FGD\_2P products with percentage of valid Ku ocean retracker measurements below threshold**

Gauge	Value	Segment (Start-Stop)
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	8779	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	8712	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	8964	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	8656	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	7868	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	8963	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368

**RA2\_FGD\_2P products with percentage of valid Ku ice1 retracker measurements below threshold**

**Gauge Value Segment (Start-Stop)**

**RA2\_FGD\_2P products with percentage of valid S ice1 retracker measurements below threshold**

Gauge	Value	Segment (Start-Stop)
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5808	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5898	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5150	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5429	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5598	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5964	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209

SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	6181	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	6097	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5970	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	4739	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5751	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5073	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5795	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5349	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5272	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5355	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5699	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711

**RA2\_FGD\_2P products with percentage of valid KU ice2 retracker measurements below threshold**

Gauge	Value	Segment (Start-Stop)
SPH.RA2_ICE2_KU_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	6946	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_ICE2_KU_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	6941	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_ICE2_KU_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5473	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314

**RA2\_FGD\_2P products with percentage of valid S ice2 retracker measurements below threshold**

Gauge	Value	Segment (Start-Stop)
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	93	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	62	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	38	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	74	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	45	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	88	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	52	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095

SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	49	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	47	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	64	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	69	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	66	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	48	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	73	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	38	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	40	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	69	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711

**RA2\_FGD\_2P products with percentage of valid KU sea/ice retracker measurements below threshold**

**Gauge Value Segment (Start-Stop)**

**RA2\_WWV\_2P SPH checks**

**SPH fields with errors**



**RA2\_WWV\_2P products using a wrong ADF (sensing not included in validity)**

**Gauge Segment (Start-Stop) Explicit Reference**

**RA2\_WWV\_2P products with processing errors significance flag set**

<b>Gauge</b>	<b>Segment (Start-Stop)</b>
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633

SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711

**RA2\_WWV\_2P products with processing errors significance flag set**

**Gauge Segment (Start-Stop)**

**RA2\_WWV\_2P products with percentage DSRs free of processing errors below threshold**

Gauge	Value	Segment (Start-Stop)
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6729	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6954	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6957	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6933	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6601	08-MAY-2008 05:39:28.461 08-MAY-2008 07:21:37.633
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6607	08-MAY-2008 07:20:48.673 08-MAY-2008 08:28:10.209
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6986	08-MAY-2008 08:27:35.731 08-MAY-2008 10:10:16.095
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6902	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	7057	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273

SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6730	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6403	08-MAY-2008 15:05:27.637 08-MAY-2008 16:31:03.121
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	7363	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6784	08-MAY-2008 16:42:10.478 08-MAY-2008 18:22:38.276
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6615	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6455	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6539	08-MAY-2008 21:07:35.107 08-MAY-2008 22:53:53.815
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6473	08-MAY-2008 22:52:58.171 09-MAY-2008 00:35:20.711

**RA2\_WWV\_2P products with percentage DSRs free of processing errors below threshold**

**Gauge Value Segment (Start-Stop)**

**RA2\_WWV\_2P products with percentage of valid measurements below threshold**

**Gauge Value Segment (Start-Stop)**

**RA2\_WWV\_2P products with percentage of 320 MHz band processed below threshold**

Gauge	Value	Segment (Start-Stop)
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	9260	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	8763	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	9075	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	8924	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	9429	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	9242	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	9416	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208

**RA2\_WWV\_2P products with percentage of 80 MHz band processed above threshold**

Gauge	Value	Segment (Start-Stop)
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	602	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	889	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	664	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826

SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	401	08-MAY-2008 10:09:44.959 08-MAY-2008 11:49:14.829
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	820	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	610	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	442	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208

**RA2\_WWV\_2P products with percentage of 20 MHz band processed above threshold**

Gauge	Value	Segment (Start-Stop)
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	109	07-MAY-2008 23:25:45.870 08-MAY-2008 01:06:06.984
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	138	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	348	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	261	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	104	08-MAY-2008 11:48:42.579 08-MAY-2008 13:28:30.273
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	255	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	176	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	148	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	143	08-MAY-2008 20:00:54.733 08-MAY-2008 21:08:35.208

**RA2\_WWV\_2P products with percentage of valid Ku ocean retracker measurements below threshold**

Gauge	Value	Segment (Start-Stop)
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_WWV_2P	8779	08-MAY-2008 01:05:04.656 08-MAY-2008 02:23:05.628
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_WWV_2P	8712	08-MAY-2008 02:22:32.263 08-MAY-2008 03:59:40.656
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_WWV_2P	8964	08-MAY-2008 03:59:07.291 08-MAY-2008 05:40:01.826
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_WWV_2P	8656	08-MAY-2008 13:27:58.023 08-MAY-2008 15:06:11.027
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_WWV_2P	7868	08-MAY-2008 16:35:10.499 08-MAY-2008 16:43:37.314
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_WWV_2P	8963	08-MAY-2008 18:21:06.983 08-MAY-2008 20:02:29.368



# ADFs

## MPH checks

### MWR\_CHD\_AX MPH checks

#### MPH Errors for MWR\_CHD\_AX



MWR\_CHD\_AX files with wrong filename

MWR\_CHD\_AX files with unknown processing stage

Gauge Explicit Reference

MWR\_CHD\_AX files with wrong processing time

Gauge Explicit Reference

MWR\_CHD\_AX files with software version not equal to the current version

Gauge Explicit Reference

MWR\_CHD\_AX files with wrong sensing start

Gauge Explicit Reference

MWR\_CHD\_AX files with wrong sensing stop

Gauge Explicit Reference

MWR\_CHD\_AX files with product err set

Gauge Explicit Reference

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### MWR\_CON\_AX MPH checks

#### MPH Errors for MWR\_CON\_AX



MWR\_CON\_AX files with wrong filename

MWR\_CON\_AX files with unknown processing stage

Gauge Explicit Reference

MWR\_CON\_AX files with wrong processing time

**Gauge** **Explicit Reference**

**MWR\_CON\_AX files with software version not equal to the current version**

**Gauge** **Explicit Reference**

**MWR\_CON\_AX files with wrong sensing start**

**Gauge** **Explicit Reference**

**MWR\_CON\_AX files with wrong sensing stop**

**Gauge** **Explicit Reference**

**MWR\_CON\_AX files with product err set**

**Gauge** **Explicit Reference**

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## MWR\_LSF\_AX MPH checks

**MPH Errors for MWR\_LSF\_AX**



**MWR\_LSF\_AX files with wrong filename**

**Gauge**

**MWR\_LSF\_AX files with unknown processing stage**

**Gauge** **Explicit Reference**

**MWR\_LSF\_AX files with wrong processing time**

**Gauge** **Explicit Reference**

**MWR\_LSF\_AX files with software version not equal to the current version**

**Gauge** **Explicit Reference**

**MWR\_LSF\_AX files with wrong sensing start**

**Gauge** **Explicit Reference**

**MWR\_LSF\_AX files with wrong sensing stop**

**Gauge** **Explicit Reference**

**MWR\_LSF\_AX files with product err set**

**Gauge** **Explicit Reference**

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## MWR\_SLT\_AX MPH checks

**MPH Errors for MWR\_SLT\_AX**



MWR\_SLT\_AX files with wrong filename

MWR\_SLT\_AX files with unknown processing stage

Gauge Explicit Reference

MWR\_SLT\_AX files with wrong processing time

Gauge Explicit Reference

MWR\_SLT\_AX files with software version not equal to the current version

Gauge Explicit Reference

MWR\_SLT\_AX files with wrong sensing start

Gauge Explicit Reference

MWR\_SLT\_AX files with wrong sensing stop

Gauge Explicit Reference

MWR\_SLT\_AX files with product err set

Gauge Explicit Reference

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## RA2\_CHD\_AX MPH checks

MPH Errors for RA2\_CHD\_AX



RA2\_CHD\_AX files with wrong filename

RA2\_CHD\_AX files with unknown processing stage

Gauge Explicit Reference

RA2\_CHD\_AX files with wrong processing time

Gauge Explicit Reference

RA2\_CHD\_AX files with software version not equal to the current version

Gauge Explicit Reference

RA2\_CHD\_AX files with wrong sensing start

Gauge Explicit Reference

RA2\_CHD\_AX files with wrong sensing stop

Gauge Explicit Reference

RA2\_CHD\_AX files with product err set

Gauge Explicit Reference

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RA2\_CON\_AX MPH checks

MPH Errors for RA2\_CON\_AX



RA2\_CON\_AX files with wrong filename

RA2\_CON\_AX files with <sup>Gauge</sup> unknown processing stage

Gauge Explicit Reference

RA2\_CON\_AX files with wrong processing time

Gauge Explicit Reference

RA2\_CON\_AX files with software version not equal to the current version

Gauge Explicit Reference

RA2\_CON\_AX files with wrong sensing start

Gauge Explicit Reference

RA2\_CON\_AX files with wrong sensing stop

Gauge Explicit Reference

RA2\_CON\_AX files with product err set

Gauge Explicit Reference

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RA2\_CST\_AX MPH checks

MPH Errors for RA2\_CST\_AX



RA2\_CST\_AX files with wrong filename

RA2\_CST\_AX files with <sup>Gauge</sup> unknown processing stage

Gauge Explicit Reference

RA2\_CST\_AX files with wrong processing time

[Gauge](#) [Explicit Reference](#)

RA2\_CST\_AX files with software version not equal to the current version

[Gauge](#) [Explicit Reference](#)

RA2\_CST\_AX files with wrong sensing start

[Gauge](#) [Explicit Reference](#)

RA2\_CST\_AX files with wrong sensing stop

[Gauge](#) [Explicit Reference](#)

RA2\_CST\_AX files with product err set

[Gauge](#) [Explicit Reference](#)

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RA2\_DIP\_AX MPH checks

MPH Errors for RA2\_DIP\_AX



RA2\_DIP\_AX files with wrong filename

[Gauge](#)  
RA2\_DIP\_AX files with unknown processing stage

[Gauge](#) [Explicit Reference](#)

RA2\_DIP\_AX files with wrong processing time

[Gauge](#) [Explicit Reference](#)

RA2\_DIP\_AX files with software version not equal to the current version

[Gauge](#) [Explicit Reference](#)

RA2\_DIP\_AX files with wrong sensing start

[Gauge](#) [Explicit Reference](#)

RA2\_DIP\_AX files with wrong sensing stop

[Gauge](#) [Explicit Reference](#)

RA2\_DIP\_AX files with product err set

[Gauge](#) [Explicit Reference](#)

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## RA2\_GEO\_AX MPH checks

### MPH Errors for RA2\_GEO\_AX



RA2\_GEO\_AX files with wrong filename

RA2\_GEO\_AX files with wrong processing stage

Gauge  Explicit Reference

RA2\_GEO\_AX files with wrong processing time

Gauge  Explicit Reference

RA2\_GEO\_AX files with software version not equal to the current version

Gauge  Explicit Reference

RA2\_GEO\_AX files with wrong sensing start

Gauge  Explicit Reference

RA2\_GEO\_AX files with wrong sensing stop

Gauge  Explicit Reference

RA2\_GEO\_AX files with product err set

Gauge  Explicit Reference

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## RA2\_ICT\_AX MPH checks

### MPH Errors for RA2\_ICT\_AX



RA2\_ICT\_AX files with wrong filename

RA2\_ICT\_AX files with wrong processing stage

Gauge  Explicit Reference

RA2\_ICT\_AX files with wrong processing time

Gauge  Explicit Reference

RA2\_ICT\_AX files with software version not equal to the current version

Gauge  Explicit Reference

RA2\_ICT\_AX files with wrong sensing start

[Gauge](#) [Explicit Reference](#)

RA2\_ICT\_AX files with wrong sensing stop

[Gauge](#) [Explicit Reference](#)

RA2\_ICT\_AX files with product err set

[Gauge](#) [Explicit Reference](#)

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## RA2\_IFA\_AX MPH checks

MPH Errors for RA2\_IFA\_AX



RA2\_IFA\_AX files with wrong filename

[Gauge](#)  
RA2\_IFA\_AX files with unknown processing stage

[Gauge](#) [Explicit Reference](#)

RA2\_IFA\_AX files with wrong processing time

[Gauge](#) [Explicit Reference](#)

RA2\_IFA\_AX files with software version not equal to the current version

[Gauge](#) [Explicit Reference](#)

RA2\_IFA\_AX files with wrong sensing start

[Gauge](#) [Explicit Reference](#)

RA2\_IFA\_AX files with wrong sensing stop

[Gauge](#) [Explicit Reference](#)

RA2\_IFA\_AX files with product err set

[Gauge](#) [Explicit Reference](#)

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## RA2\_IFB\_AX MPH checks

MPH Errors for RA2\_IFB\_AX



RA2\_IFB\_AX files with wrong filename

[Gauge](#)

RA2\_IFB\_AX files with unknown processing stage

[Gauge](#) [Explicit Reference](#)

RA2\_IFB\_AX files with wrong processing time

[Gauge](#) [Explicit Reference](#)

RA2\_IFB\_AX files with software version not equal to the current version

[Gauge](#) [Explicit Reference](#)

RA2\_IFB\_AX files with wrong sensing start

[Gauge](#) [Explicit Reference](#)

RA2\_IFB\_AX files with wrong sensing stop

[Gauge](#) [Explicit Reference](#)

RA2\_IFB\_AX files with product err set

[Gauge](#) [Explicit Reference](#)

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RA2\_IFF\_AX MPH checks

MPH Errors for RA2\_IFF\_AX



RA2\_IFF\_AX files with wrong filename

RA2\_IFF\_AX files with [Gauge](#) unknown processing stage

[Gauge](#) [Explicit Reference](#)

RA2\_IFF\_AX files with wrong processing time

[Gauge](#) [Explicit Reference](#)

RA2\_IFF\_AX files with software version not equal to the current version

[Gauge](#) [Explicit Reference](#)

RA2\_IFF\_AX files with wrong sensing start

[Gauge](#) [Explicit Reference](#)

RA2\_IFF\_AX files with wrong sensing stop

[Gauge](#) [Explicit Reference](#)

RA2\_IFF\_AX files with product err set

[Gauge](#) [Explicit Reference](#)



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## RA2\_IOC\_AX MPH checks

### MPH Errors for RA2\_IOC\_AX



RA2\_IOC\_AX files with wrong filename

RA2\_IOC\_AX files with <sup>Gauge</sup> unknown processing stage

RA2\_IOC\_AX files with wrong processing time

RA2\_IOC\_AX files with software version not equal to the current version

RA2\_IOC\_AX files with wrong sensing start

RA2\_IOC\_AX files with wrong sensing stop

RA2\_IOC\_AX files with product err set

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## RA2\_MET\_AX MPH checks

### MPH Errors for RA2\_MET\_AX



RA2\_MET\_AX files with wrong filename

RA2\_MET\_AX files with <sup>Gauge</sup> unknown processing stage

RA2\_MET\_AX files with wrong processing time

RA2\_MET\_AX files with software version not equal to the current version

**Gauge** **Explicit Reference**

RA2\_MET\_AX files with wrong sensing start

**Gauge** **Explicit Reference**

RA2\_MET\_AX files with wrong sensing stop

**Gauge** **Explicit Reference**

RA2\_MET\_AX files with product err set

**Gauge** **Explicit Reference**

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## RA2\_MSS\_AX MPH checks

MPH Errors for RA2\_MSS\_AX



RA2\_MSS\_AX files with wrong filename

**Gauge**

RA2\_MSS\_AX files with unknown processing stage

**Gauge** **Explicit Reference**

RA2\_MSS\_AX files with wrong processing time

**Gauge** **Explicit Reference**

RA2\_MSS\_AX files with software version not equal to the current version

**Gauge** **Explicit Reference**

RA2\_MSS\_AX files with wrong sensing start

**Gauge** **Explicit Reference**

RA2\_MSS\_AX files with wrong sensing stop

**Gauge** **Explicit Reference**

RA2\_MSS\_AX files with product err set

**Gauge** **Explicit Reference**

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## RA2\_OT1\_AX MPH checks

MPH Errors for RA2\_OT1\_AX



RA2\_OT1\_AX files with wrong filename

Gauge

RA2\_OT1\_AX files with unknown processing stage

Gauge Explicit Reference

RA2\_OT1\_AX files with wrong processing time

Gauge Explicit Reference

RA2\_OT1\_AX files with software version not equal to the current version

Gauge Explicit Reference

RA2\_OT1\_AX files with wrong sensing start

Gauge Explicit Reference

RA2\_OT1\_AX files with wrong sensing stop

Gauge Explicit Reference

RA2\_OT1\_AX files with product err set

Gauge Explicit Reference

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RA2\_OT2\_AX MPH checks

MPH Errors for RA2\_OT2\_AX



RA2\_OT2\_AX files with wrong filename

Gauge

RA2\_OT2\_AX files with unknown processing stage

Gauge Explicit Reference

RA2\_OT2\_AX files with wrong processing time

Gauge Explicit Reference

RA2\_OT2\_AX files with software version not equal to the current version

Gauge Explicit Reference

RA2\_OT2\_AX files with wrong sensing start

Gauge Explicit Reference

RA2\_OT2\_AX files with wrong sensing stop

Gauge Explicit Reference

RA2\_OT2\_AX files with product err set

Gauge Explicit Reference

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## RA2\_PLA\_AX MPH checks

### MPH Errors for RA2\_PLA\_AX



RA2\_PLA\_AX files with wrong filename

RA2\_PLA\_AX files with <sup>Gauge</sup> unknown processing stage

Gauge Explicit Reference

RA2\_PLA\_AX files with wrong processing time

Gauge Explicit Reference

RA2\_PLA\_AX files with software version not equal to the current version

Gauge Explicit Reference

RA2\_PLA\_AX files with wrong sensing start

Gauge Explicit Reference

RA2\_PLA\_AX files with wrong sensing stop

Gauge Explicit Reference

RA2\_PLA\_AX files with product err set

Gauge Explicit Reference

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## RA2\_POL\_AX MPH checks

### MPH Errors for RA2\_POL\_AX



RA2\_POL\_AX files with wrong filename

RA2\_POL\_AX files with <sup>Gauge</sup> unknown processing stage

Gauge Explicit Reference

RA2\_POL\_AX files with wrong processing time

Gauge Explicit Reference

RA2\_POL\_AX files with software version not equal to the current version

Gauge  Explicit Reference

RA2\_POL\_AX files with wrong sensing start

Gauge  Explicit Reference

RA2\_POL\_AX files with wrong sensing stop

Gauge  Explicit Reference

RA2\_POL\_AX files with product err set

Gauge  Explicit Reference

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## RA2\_SET\_AX MPH checks

MPH Errors for RA2\_SET\_AX



RA2\_SET\_AX files with wrong filename

RA2\_SET\_AX files with  Gauge  Explicit Reference unknown processing stage

Gauge  Explicit Reference

RA2\_SET\_AX files with wrong processing time

Gauge  Explicit Reference

RA2\_SET\_AX files with software version not equal to the current version

Gauge  Explicit Reference

RA2\_SET\_AX files with wrong sensing start

Gauge  Explicit Reference

RA2\_SET\_AX files with wrong sensing stop

Gauge  Explicit Reference

RA2\_SET\_AX files with product err set

Gauge  Explicit Reference

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## RA2\_SL1\_AX MPH checks

MPH Errors for RA2\_SL1\_AX



RA2\_SL1\_AX files with wrong filename

RA2\_SL1\_AX files with unknown processing stage

Gauge Explicit Reference

RA2\_SL1\_AX files with wrong processing time

Gauge Explicit Reference

RA2\_SL1\_AX files with software version not equal to the current version

Gauge Explicit Reference

RA2\_SL1\_AX files with wrong sensing start

Gauge Explicit Reference

RA2\_SL1\_AX files with wrong sensing stop

Gauge Explicit Reference

RA2\_SL1\_AX files with product err set

Gauge Explicit Reference

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## RA2\_SL2\_AX MPH checks

MPH Errors for RA2\_SL2\_AX



RA2\_SL2\_AX files with wrong filename

RA2\_SL2\_AX files with unknown processing stage

Gauge Explicit Reference

RA2\_SL2\_AX files with wrong processing time

Gauge Explicit Reference

RA2\_SL2\_AX files with software version not equal to the current version

Gauge Explicit Reference

RA2\_SL2\_AX files with wrong sensing start

Gauge Explicit Reference

RA2\_SL2\_AX files with wrong sensing stop

Gauge Explicit Reference

RA2\_SL2\_AX files with product err set

Gauge Explicit Reference

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RA2\_SOI\_AX MPH checks

MPH Errors for RA2\_SOI\_AX



RA2\_SOI\_AX files with wrong filename

RA2\_SOI\_AX files with unknown processing stage

Gauge Explicit Reference

RA2\_SOI\_AX files with wrong processing time

Gauge Explicit Reference

RA2\_SOI\_AX files with software version not equal to the current version

Gauge Explicit Reference

RA2\_SOI\_AX files with wrong sensing start

Gauge Explicit Reference

RA2\_SOI\_AX files with wrong sensing stop

Gauge Explicit Reference

RA2\_SOI\_AX files with product err set

Gauge Explicit Reference

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RA2\_SOL\_AX MPH checks

MPH Errors for RA2\_SOL\_AX



RA2\_SOL\_AX files with wrong filename

RA2\_SOL\_AX files with unknown processing stage

Gauge Explicit Reference

RA2\_SOL\_AX files with wrong processing time

[Gauge](#) [Explicit Reference](#)

RA2\_SOL\_AX files with software version not equal to the current version

[Gauge](#) [Explicit Reference](#)

RA2\_SOL\_AX files with wrong sensing start

[Gauge](#) [Explicit Reference](#)

RA2\_SOL\_AX files with wrong sensing stop

[Gauge](#) [Explicit Reference](#)

RA2\_SOL\_AX files with product err set

[Gauge](#) [Explicit Reference](#)

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## RA2\_SSB\_AX MPH checks

MPH Errors for RA2\_SSB\_AX



RA2\_SSB\_AX files with wrong filename

[Gauge](#)

RA2\_SSB\_AX files with unknown processing stage

[Gauge](#) [Explicit Reference](#)

RA2\_SSB\_AX files with wrong processing time

[Gauge](#) [Explicit Reference](#)

RA2\_SSB\_AX files with software version not equal to the current version

[Gauge](#) [Explicit Reference](#)

RA2\_SSB\_AX files with wrong sensing start

[Gauge](#) [Explicit Reference](#)

RA2\_SSB\_AX files with wrong sensing stop

[Gauge](#) [Explicit Reference](#)

RA2\_SSB\_AX files with product err set

[Gauge](#) [Explicit Reference](#)

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## RA2\_TLD\_AX MPH checks

### MPH Errors for RA2\_TLD\_AX



RA2\_TLD\_AX files with wrong filename

RA2\_TLD\_AX files with unknown processing stage

RA2\_TLD\_AX files with wrong processing time

RA2\_TLD\_AX files with software version not equal to the current version

RA2\_TLD\_AX files with wrong sensing start

RA2\_TLD\_AX files with wrong sensing stop

RA2\_TLD\_AX files with product err set

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## RA2\_USO\_AX MPH checks

### MPH Errors for RA2\_USO\_AX



RA2\_USO\_AX files with wrong filename

RA2\_USO\_AX files with unknown processing stage

RA2\_USO\_AX files with wrong processing time

RA2\_USO\_AX files with software version not equal to the current version

RA2\_USO\_AX files with wrong sensing start

Gauge Explicit Reference

RA2\_USO\_AX files with wrong sensing stop

Gauge Explicit Reference

RA2\_USO\_AX files with product err set

Gauge Explicit Reference

## AUX\_ATT\_AX MPH checks

MPH Errors for AUX\_ATT\_AX



AUX\_ATT\_AX files with wrong filename

AUX\_ATT\_AX files with unknown processing stage

Gauge Explicit Reference

AUX\_ATT\_AX files with wrong processing time

Gauge Explicit Reference

AUX\_ATT\_AX files with software version not equal to the current version

Gauge Explicit Reference

AUX\_ATT\_AX files with wrong sensing start

Gauge Explicit Reference

AUX\_ATT\_AX files with wrong sensing stop

Gauge Explicit Reference

AUX\_ATT\_AX files with product err set

Gauge Explicit Reference

## Time Correlation

AUX\_TIM\_AX Propagation Error

Gauge	Value	Segment (Start-Stop)
Propagation Error (us)	11.9741287231445	07-MAY-2008 23:56:09.000
Warning! Too big		08-MAY-2008 06:44:44.000

Propagation Error (us) N/A	3.12925338745117	08-MAY-2008 06:44:44.000 08-MAY-2008 08:24:21.000
Propagation Error (us) N/A	0.379095077514648	08-MAY-2008 08:24:21.000 08-MAY-2008 10:04:00.000
Propagation Error (us) N/A	2.61748600006104	08-MAY-2008 10:04:00.000 08-MAY-2008 11:43:24.000
Propagation Error (us) Warning! Too big	-9.56392097473145	08-MAY-2008 11:43:24.000 08-MAY-2008 13:22:29.000

```
xReportTemplate. Copying internal and external template references...
xReportTemplate. Processing Conditionals inclusions...
xReportTemplate. ...No Conditionals inclusions found
xReportTemplate. Generating data extraction schema document...
xReportTemplate. Inserting embedded DEL scripts and extracting data...
xReportTemplate. Generating data extraction scheleton for explicit references...
xReportTemplate. Extracting Explicit References data...
xReportTemplate. Merging object data with explicit_references data...
xReportTemplate. Generating stylesheet to transform template to report...
xReportTemplate. Generating stylesheet for grouping and zooming...
xReportTemplate. Generating intermediate report without grouping and zooming...
xReportTemplate. Generating final xhtml report...
xReportTemplate. Generating the IDL program for the graphs
xReportTemplate. Generating external linked fragments
xReportTemplate. Executing the IDL program
Information : (10-May-2008 15:30:27)
Graph 1: Creating object for a eventGanttChart
Information : (10-May-2008 15:30:27) Graph 1: Processing legend.
Information : (10-May-2008 15:30:27)
Graph 1: Adding data from object @PCF_RA2_sensing:ETL_ra2_wwv_2p          17
elements.
Information : (10-May-2008 15:30:27)
Graph 1: Adding data from object @PCF_RA2_sensing:ETL_ra2_fgd_2p          17
elements.
Information : (10-May-2008 15:30:27)
Graph 1: Adding data from object @PCF_RA2_sensing:ETL_ra2_mw__1p          17
elements.
Information : (10-May-2008 15:30:27)
Graph 1: Adding data from object @PCF_RA2_sensing:ETL_ra2_me__0p          17
elements.
Information : (10-May-2008 15:30:27)
Graph 1: Adding data from object @PCF_RA2_sensing:ETL_mwr_n1__0p          16
elements.
Information : (10-May-2008 15:30:27)
Graph 1: Adding data from object @PCF_RA2_sensing:ETL_dor_nav_0p          16
elements.
Information : (10-May-2008 15:30:27)
Graph 1: Adding data from object @PCF_RA2_sensing:ETL_dor_dop_0p          16
elements.
Information : (10-May-2008 15:30:27)
Graph 1: Adding data from object @PCF_RA2_sensing:ETL_ra2_cal_0p          1
elements.
Information : (10-May-2008 15:30:27) Graph 1: Generating PNG file.
Error !!! : (10-May-2008 15:30:27) Graph 1:
WINDOW: Unable to open X Windows display.
        Is your DEVICE environment variable set correctly?
```