

# RA2, MWR & DORIS SUMMARY PRODUCTS REPORT

Reporting time: 28-03-2008 08:00:09.000  
 Trigger: Routine

	Period Start	Period Stop
UTC	27-MAR-2008 00:00:00.000	28-MAR-2008 00:00:00.000
Absolute Orbit	31748	31762
Cycle, Relative Orbit	0131	0145

## Products inventoried

Gauge
PCF_RA2_ME__0P 78.41% of production inventoried
PCF_RA2_CAL_0P 100% of production inventoried
PCF_DOR_NAV_0P 74.76% of production inventoried
PCF_DOR_DOP_0P 77.53% of production inventoried
PCF_MWR_NL__0P 78.46% of production inventoried
PCF_RA2_MW__1P 71.98% of production inventoried
PCF_RA2_FGD_2P 71.98% of production inventoried
PCF_RA2_WWV_2P 71.98% 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: 12 produced; 15 gaps; 0 unplanned ; 27.83% of mission plan not covered by production
DOR_NAV_0P products: 12 produced; 15 gaps; 0 unplanned ; 30.77% of mission plan not covered by production
MWR_NL_0P products: 12 produced; 6 gaps; 0 unplanned ; 26.86% of mission plan not covered by production
RA2_ME_0P products: 13 produced; 6 gaps; 0 unplanned ; 26.90% 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](#)

Gauge
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
0 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
12 DOR_DOP_0P products with wrong state vector time N/A
0 DOR_DOP_0P products with unknown vector source N/A
9 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
12 DOR_NAV_0P products with wrong state vector time N/A
0 DOR_NAV_0P products with unknown vector source N/A
7 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
12 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
13 RA2_ME__0P products with wrong state vector time N/A
0 RA2_ME__0P products with unknown vector source N/A
10 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
0 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
0 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
0 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: 12 produced; 7 gaps; 0 unplanned ; 33.33% 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
12 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
12 RA2_MW__1P products with wrong state vector time N/A
0 RA2_MW__1P products with unknown vector source N/A
9 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
0 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
3 RA2_MW__1P products with percentage of 320 MHz band processed below threshold N/A
3 RA2_MW__1P products with percentage of 80 MHz band processed above threshold N/A
4 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: 12 produced; 7 gaps; 0 unplanned ; 33.33% of mission plan not covered by production
RA2_WWV_2P products: 12 produced; 7 gaps; 0 unplanned ; 33.33% 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
20 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
31 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
12 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
12 RA2_FGD_2P products with wrong state vector time N/A
0 RA2_FGD_2P products with unknown vector source N/A
9 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
12 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
12 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
12 RA2_WWV_2P products with wrong state vector time N/A
0 RA2_WWV_2P products with unknown vector source N/A
9 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
12 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
0 ADFs not covering sensing time are referenced in RA2_FGD_2P products N/A
12 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
12 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
6 RA2_FGD_2P products with percentage of 80 MHz band processed above threshold N/A
8 RA2_FGD_2P products with percentage of 20 MHz band processed above threshold N/A
3 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
12 RA2_FGD_2P products with percentage of valid S ice1 retracker measurements below threshold N/A
1 RA2_FGD_2P products with percentage of valid Ku ice2 retracker measurements below threshold N/A
12 RA2_FGD_2P products with percentage of valid S ice2 retracker measurements below threshold N/A
1 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
12 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
12 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
6 RA2_WWV_2P products with ra2_80_band_percent anomalies N/A
8 RA2_WWV_2P products with ra2_20_band_percent anomalies N/A



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

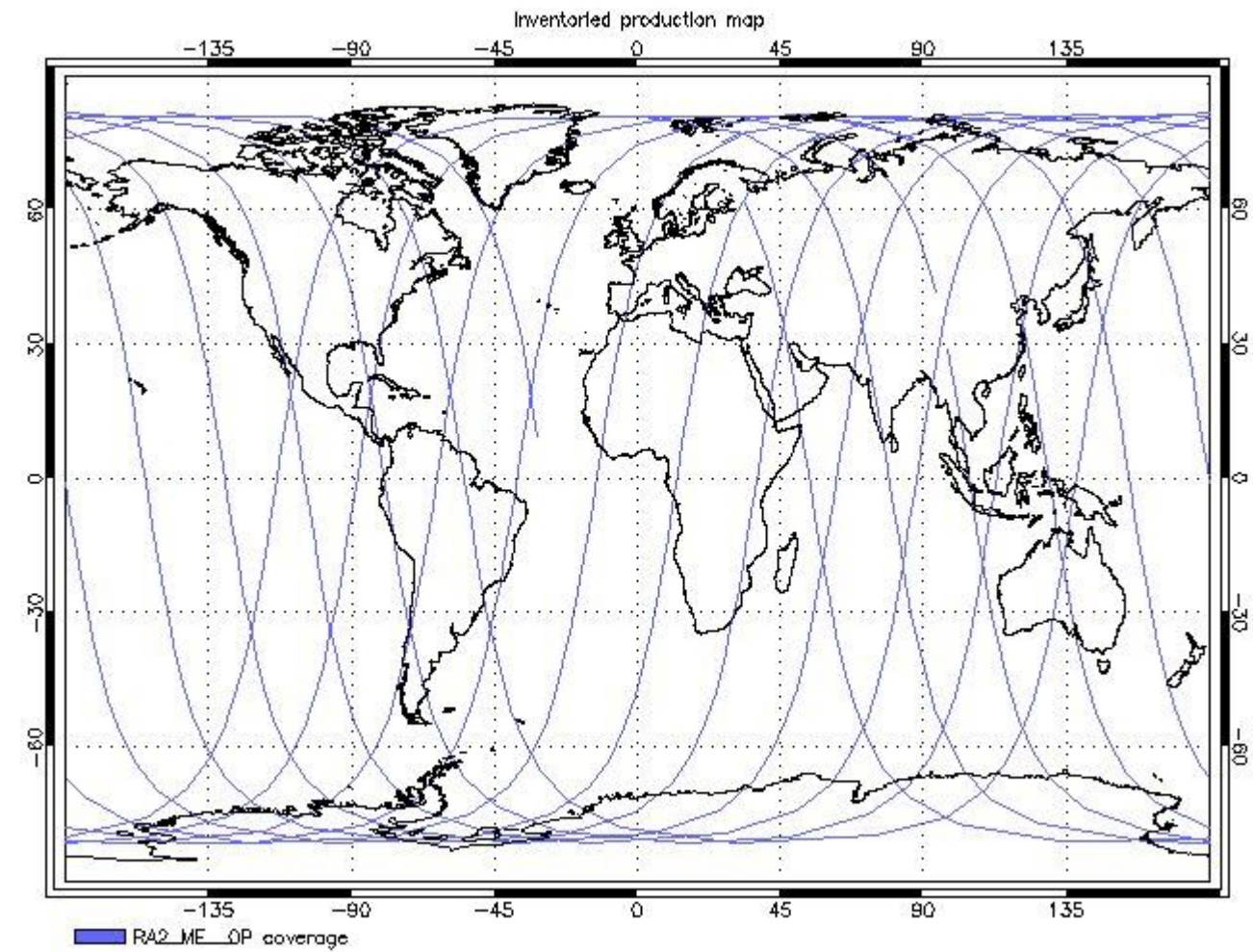
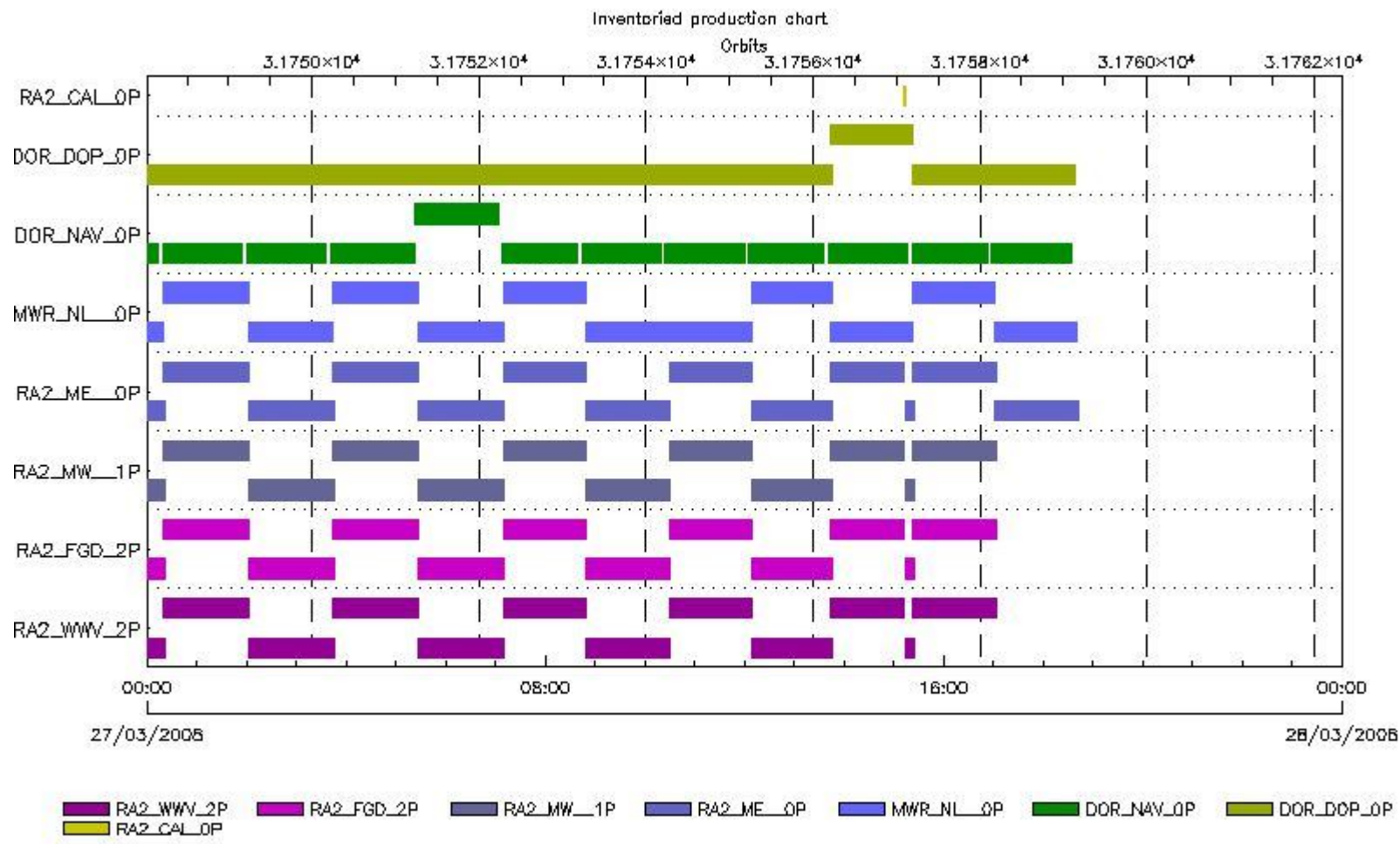
[RA2\\_WWV\\_2P: SPH checks](#)

# Time Correlation

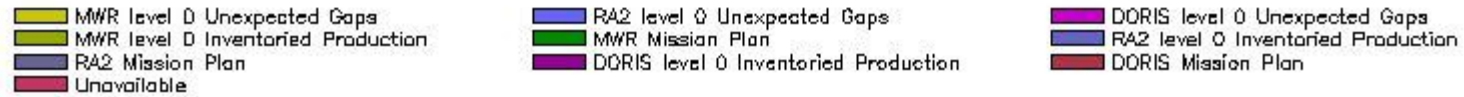
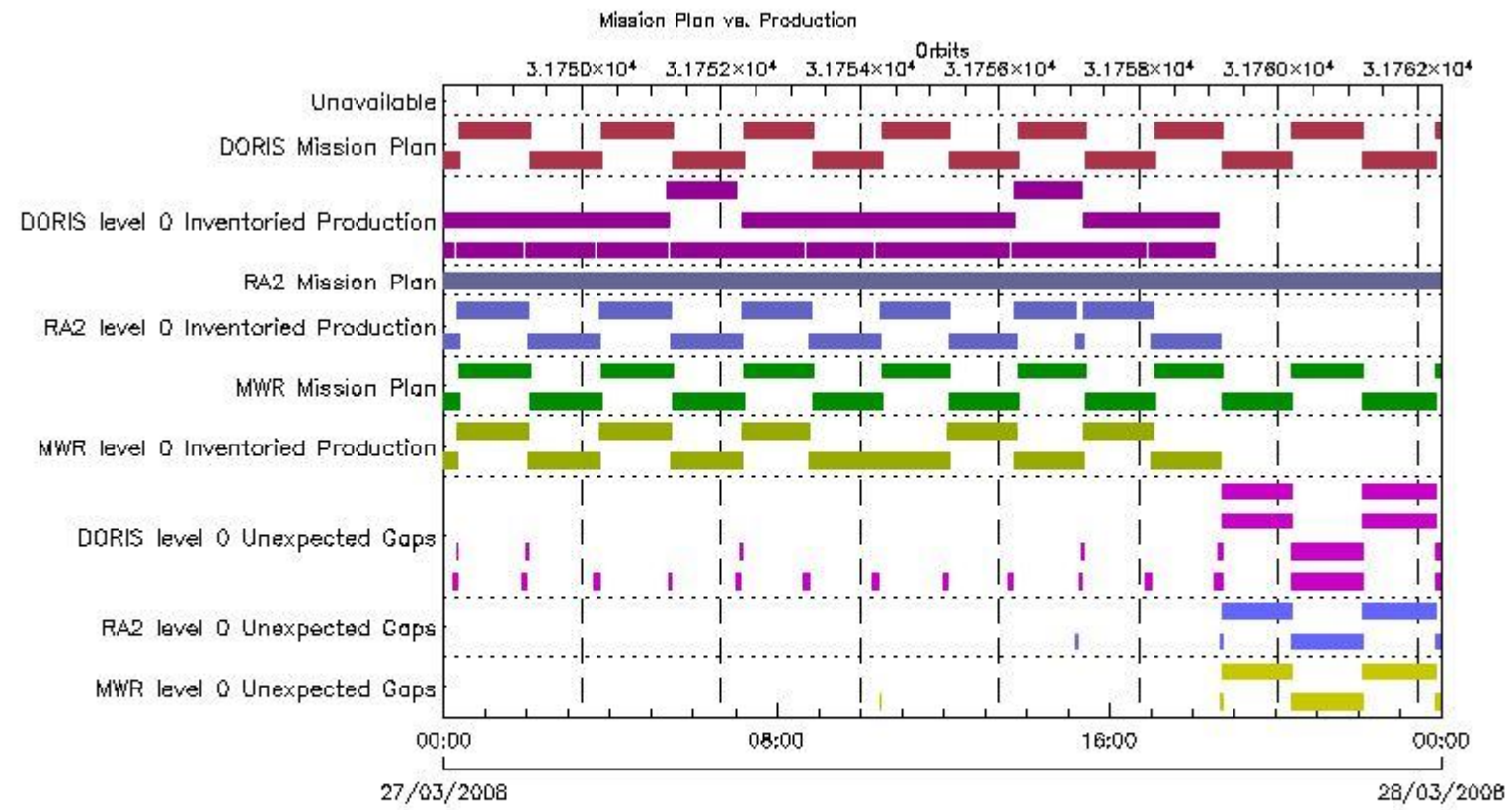
[Time Correlation propagation error](#)

# Overall Production

Inventoried Production (sensing time)



# Mission Plan vs. Production (level 0)



## Production covering Mission Plan

Gauge
PCF_RA2_ME_0P 78.41% of production inventoried
PCF_RA2_CAL_0P 100% of production inventoried
PCF_DOR_NAV_0P 74.76% of production inventoried
PCF_DOR_DOP_0P 77.53% of production inventoried
PCF_MWR_NL_0P 78.46% of production inventoried

## Mission Plan (extracted from DMOP)

Gauge	Segment (Start-Stop)
MODE.MEASUREMENT	26-MAR-2008 23:57:19.406 (I)
RA2.ACQ_PLAN	27-MAR-2008 15:10:57.483 (I)
MODE.NOMINAL	26-MAR-2008 23:57:19.406 (I)
DORIS.ACQ_PLAN	28-MAR-2008 01:32:20.861 (I)



MODE.NOMINAL MWR.ACQ_PLAN	26-MAR-2008 23:57:19.406 (I) 28-MAR-2008 01:32:20.861 (I)
MODE.DIGITAL_BITE RA2.ACQ_PLAN	27-MAR-2008 15:11:01.994 (I) 27-MAR-2008 15:13:00.765 (I)
MODE.MEASUREMENT RA2.ACQ_PLAN	27-MAR-2008 15:13:05.275 (I) 28-MAR-2008 01:32:20.861 (I)

## Inventoried Products

### RA2\_CAL\_0P products

Gauge	Segment (Start-Stop)	Explicit Reference
Product: RA2_CAL_0P Filename: RA2_CAL_0PNPDK20080327_151100_000001212067_00140_31757_0972.N1	27-MAR-2008 15:11:00.674 27-MAR-2008 15:13:02.101	RA2_CAL_0PNPDK20080327_151100_000001212067_00140_31757_0972.N1 RA2_CAL_0P.MPH.ABS_ORBIT=31757

### DOR\_DOP\_0P products

Gauge	Segment (Start-Stop)	Explicit Reference
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDE20080326_223459_000061852067_00130_31747_5680.N1	26-MAR-2008 22:34:59.549 27-MAR-2008 00:18:04.085	DOR_DOP_0PNPDE20080326_223459_000061852067_00130_31747_5680.N1 DOR_DOP_0P.MPH.ABS_ORBIT=31747
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDE20080327_001907_000059932067_00131_31748_5681.N1	27-MAR-2008 00:19:07.839 27-MAR-2008 01:59:01.125	DOR_DOP_0PNPDE20080327_001907_000059932067_00131_31748_5681.N1 DOR_DOP_0P.MPH.ABS_ORBIT=31748
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDE20080327_020108_000060572067_00132_31749_5682.N1	27-MAR-2008 02:01:08.644 27-MAR-2008 03:42:05.665	DOR_DOP_0PNPDE20080327_020108_000060572067_00132_31749_5682.N1 DOR_DOP_0P.MPH.ABS_ORBIT=31749
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDE20080327_034413_000060572067_00133_31750_5683.N1	27-MAR-2008 03:44:13.172 27-MAR-2008 05:25:10.208	DOR_DOP_0PNPDE20080327_034413_000060572067_00133_31750_5683.N1 DOR_DOP_0P.MPH.ABS_ORBIT=31750
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080327_052613_000060572067_00134_31751_7139.N1	27-MAR-2008 05:26:13.966 27-MAR-2008 07:07:11.018	DOR_DOP_0PNPDK20080327_052613_000060572067_00134_31751_7139.N1 DOR_DOP_0P.MPH.ABS_ORBIT=31751
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080327_070918_000058662067_00135_31752_7140.N1	27-MAR-2008 07:09:18.537 27-MAR-2008 08:47:04.311	DOR_DOP_0PNPDK20080327_070918_000058662067_00135_31752_7140.N1 DOR_DOP_0P.MPH.ABS_ORBIT=31752
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080327_084808_000059302067_00136_31753_7141.N1	27-MAR-2008 08:48:08.069 27-MAR-2008 10:26:57.593	DOR_DOP_0PNPDK20080327_084808_000059302067_00136_31753_7141.N1 DOR_DOP_0P.MPH.ABS_ORBIT=31753
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080327_102801_000059302067_00137_31754_7142.N1	27-MAR-2008 10:28:01.355 27-MAR-2008 12:06:50.887	DOR_DOP_0PNPDK20080327_102801_000059302067_00137_31754_7142.N1 DOR_DOP_0P.MPH.ABS_ORBIT=31754
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080327_120754_000058022067_00138_31755_7143.N1	27-MAR-2008 12:07:54.645 27-MAR-2008 13:44:36.653	DOR_DOP_0PNPDK20080327_120754_000058022067_00138_31755_7143.N1 DOR_DOP_0P.MPH.ABS_ORBIT=31755
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080327_134332_000058662067_00139_31756_7144.N1	27-MAR-2008 13:43:32.899 27-MAR-2008 15:21:18.665	DOR_DOP_0PNPDK20080327_134332_000058662067_00139_31756_7144.N1 DOR_DOP_0P.MPH.ABS_ORBIT=31756
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080327_152222_000058662067_00140_31757_7145.N1	27-MAR-2008 15:22:22.423 27-MAR-2008 17:00:08.162	DOR_DOP_0PNPDK20080327_152222_000058662067_00140_31757_7145.N1 DOR_DOP_0P.MPH.ABS_ORBIT=31757
Product: DOR_DOP_0P Filename: DOR_DOP_0PNPDK20080327_170111_000058662067_00141_31758_7146.N1	27-MAR-2008 17:01:11.920 27-MAR-2008 18:38:57.682	DOR_DOP_0PNPDK20080327_170111_000058662067_00141_31758_7146.N1 DOR_DOP_0P.MPH.ABS_ORBIT=31758

### DOR\_NAV\_0P products

Gauge	Segment (Start-Stop)	Explicit Reference
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDE20080326_223220_000060572067_00130_31747_5280.N1	26-MAR-2008 22:32:20.151 27-MAR-2008 00:13:17.179	DOR_NAV_0PNPDE20080326_223220_000060572067_00130_31747_5280.N1 DOR_NAV_0P.MPH.ABS_ORBIT=31747
Product: DOR_NAV_0P Filename: DOR_NAV_0PNPDE20080327_001835_000057382067_00131_31748_5281.N1	27-MAR-2008 00:18:35.968 27-MAR-2008 01:54:14.207	DOR_NAV_0PNPDE20080327_001835_000057382067_00131_31748_5281.N1 DOR_NAV_0P.MPH.ABS_ORBIT=31748

Product: DOR_NAV_OP Filename: DOR_NAV_0PNPDE20080327_015932_000057382067_00132_31749_5282.N1	27-MAR-2008 01:59:33.000 27-MAR-2008 03:35:11.231	DOR_NAV_0PNPDE20080327_015932_000057382067_00132_31749_5282.N1 DOR_NAV_0P.MPH.ABS_ORBIT=31749
Product: DOR_NAV_OP Filename: DOR_NAV_0PNPDE20080327_034030_000060572067_00133_31750_5283.N1	27-MAR-2008 03:40:30.024 27-MAR-2008 05:21:27.048	DOR_NAV_0PNPDE20080327_034030_000060572067_00133_31750_5283.N1 DOR_NAV_0P.MPH.ABS_ORBIT=31750
Product: DOR_NAV_OP Filename: DOR_NAV_0PNPDK20080327_052127_000060572067_00134_31751_6414.N1	27-MAR-2008 05:21:27.048 27-MAR-2008 07:02:24.107	DOR_NAV_0PNPDK20080327_052127_000060572067_00134_31751_6414.N1 DOR_NAV_0P.MPH.ABS_ORBIT=31751
Product: DOR_NAV_OP Filename: DOR_NAV_0PNPDK20080327_070742_000054192067_00135_31752_6415.N1	27-MAR-2008 07:07:42.896 27-MAR-2008 08:38:02.370	DOR_NAV_0PNPDK20080327_070742_000054192067_00135_31752_6415.N1 DOR_NAV_0P.MPH.ABS_ORBIT=31752
Product: DOR_NAV_OP Filename: DOR_NAV_0PNPDK20080327_084321_000057382067_00136_31753_6416.N1	27-MAR-2008 08:43:21.159 27-MAR-2008 10:18:59.402	DOR_NAV_0PNPDK20080327_084321_000057382067_00136_31753_6416.N1 DOR_NAV_0P.MPH.ABS_ORBIT=31753
Product: DOR_NAV_OP Filename: DOR_NAV_0PNPDK20080327_102418_000057382067_00137_31754_6417.N1	27-MAR-2008 10:24:18.195 27-MAR-2008 11:59:56.465	DOR_NAV_0PNPDK20080327_102418_000057382067_00137_31754_6417.N1 DOR_NAV_0P.MPH.ABS_ORBIT=31754
Product: DOR_NAV_OP Filename: DOR_NAV_0PNPDK20080327_120515_000054192067_00138_31755_6418.N1	27-MAR-2008 12:05:15.250 27-MAR-2008 13:35:34.712	DOR_NAV_0PNPDK20080327_120515_000054192067_00138_31755_6418.N1 DOR_NAV_0P.MPH.ABS_ORBIT=31755
Product: DOR_NAV_OP Filename: DOR_NAV_0PNPDK20080327_134053_000057382067_00139_31756_6419.N1	27-MAR-2008 13:40:53.501 27-MAR-2008 15:16:31.747	DOR_NAV_0PNPDK20080327_134053_000057382067_00139_31756_6419.N1 DOR_NAV_0P.MPH.ABS_ORBIT=31756
Product: DOR_NAV_OP Filename: DOR_NAV_0PNPDK20080327_152150_000054192067_00140_31757_6420.N1	27-MAR-2008 15:21:50.544 27-MAR-2008 16:52:09.979	DOR_NAV_0PNPDK20080327_152150_000054192067_00140_31757_6420.N1 DOR_NAV_0P.MPH.ABS_ORBIT=31757
Product: DOR_NAV_OP Filename: DOR_NAV_0PNPDK20080327_165728_000057382067_00141_31758_6421.N1	27-MAR-2008 16:57:28.760 27-MAR-2008 18:33:07.014	DOR_NAV_0PNPDK20080327_165728_000057382067_00141_31758_6421.N1 DOR_NAV_0P.MPH.ABS_ORBIT=31758

**MWR\_NL\_\_OP products**

Gauge	Segment (Start-Stop)	Explicit Reference
Product: MWR_NL__OP Filename: MWR_NL__0PNPDE20080326_223535_000062402067_00130_31747_5675.N1	26-MAR-2008 22:35:35.713 27-MAR-2008 00:19:35.882	MWR_NL__0PNPDE20080326_223535_000062402067_00130_31747_5675.N1 MWR_NL__0P.MPH.ABS_ORBIT=31747
Product: MWR_NL__OP Filename: MWR_NL__0PNPDE20080327_001911_000061682067_00131_31748_5676.N1	27-MAR-2008 00:19:11.874 27-MAR-2008 02:02:00.039	MWR_NL__0PNPDE20080327_001911_000061682067_00131_31748_5676.N1 MWR_NL__0P.MPH.ABS_ORBIT=31748
Product: MWR_NL__OP Filename: MWR_NL__0PNPDE20080327_020136_000061442067_00132_31749_5677.N1	27-MAR-2008 02:01:36.039 27-MAR-2008 03:44:00.204	MWR_NL__0PNPDE20080327_020136_000061442067_00132_31749_5677.N1 MWR_NL__0P.MPH.ABS_ORBIT=31749
Product: MWR_NL__OP Filename: MWR_NL__0PNPDE20080327_034400_000061442067_00133_31750_5678.N1	27-MAR-2008 03:44:00.204 27-MAR-2008 05:26:24.372	MWR_NL__0PNPDE20080327_034400_000061442067_00133_31750_5678.N1 MWR_NL__0P.MPH.ABS_ORBIT=31750
Product: MWR_NL__OP Filename: MWR_NL__0PNPDK20080327_052624_000061682067_00134_31751_7024.N1	27-MAR-2008 05:26:24.372 27-MAR-2008 07:09:12.533	MWR_NL__0PNPDK20080327_052624_000061682067_00134_31751_7024.N1 MWR_NL__0P.MPH.ABS_ORBIT=31751
Product: MWR_NL__OP Filename: MWR_NL__0PNPDK20080327_070912_000059282067_00135_31752_7025.N1	27-MAR-2008 07:09:12.533 27-MAR-2008 08:48:00.694	MWR_NL__0PNPDK20080327_070912_000059282067_00135_31752_7025.N1 MWR_NL__0P.MPH.ABS_ORBIT=31752
Product: MWR_NL__OP Filename: MWR_NL__0PNPDK20080327_084800_000060242067_00136_31753_7026.N1	27-MAR-2008 08:48:00.694 27-MAR-2008 10:28:24.855	MWR_NL__0PNPDK20080327_084800_000060242067_00136_31753_7026.N1 MWR_NL__0P.MPH.ABS_ORBIT=31753
Product: MWR_NL__OP Filename: MWR_NL__0PNPDK20080327_102848_000059762067_00137_31754_7027.N1	27-MAR-2008 10:28:48.855 27-MAR-2008 12:08:25.016	MWR_NL__0PNPDK20080327_102848_000059762067_00137_31754_7027.N1 MWR_NL__0P.MPH.ABS_ORBIT=31754
Product: MWR_NL__OP Filename: MWR_NL__0PNPDK20080327_120801_000058322067_00138_31755_7028.N1	27-MAR-2008 12:08:01.020 27-MAR-2008 13:45:13.173	MWR_NL__0PNPDK20080327_120801_000058322067_00138_31755_7028.N1 MWR_NL__0P.MPH.ABS_ORBIT=31755
Product: MWR_NL__OP Filename: MWR_NL__0PNPDK20080327_134401_000059282067_00139_31756_7029.N1	27-MAR-2008 13:44:01.177 27-MAR-2008 15:22:49.330	MWR_NL__0PNPDK20080327_134401_000059282067_00139_31756_7029.N1 MWR_NL__0P.MPH.ABS_ORBIT=31756
Product: MWR_NL__OP Filename: MWR_NL__0PNPDK20080327_152249_000059522067_00140_31757_7030.N1	27-MAR-2008 15:22:49.330 27-MAR-2008 17:02:01.490	MWR_NL__0PNPDK20080327_152249_000059522067_00140_31757_7030.N1 MWR_NL__0P.MPH.ABS_ORBIT=31757
Product: MWR_NL__OP Filename: MWR_NL__0PNPDK20080327_170137_000059282067_00141_31758_7031.N1	27-MAR-2008 17:01:37.490 27-MAR-2008 18:40:25.647	MWR_NL__0PNPDK20080327_170137_000059282067_00141_31758_7031.N1 MWR_NL__0P.MPH.ABS_ORBIT=31758

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

Gauge	Segment (Start-Stop)	Explicit Reference
Product: RA2_ME__0P Filename: RA2_ME__0PNPDE20080326_223541_000062942067_00130_31747_6304.N1	26-MAR-2008 22:35:41.608 27-MAR-2008 00:20:35.708	RA2_ME__0PNPDE20080326_223541_000062942067_00130_31747_6304.N1 RA2_ME__0P.MPH.ABS_ORBIT=31747
Product: RA2_ME__0P Filename: RA2_ME__0PNPDE20080327_001929_000062062067_00131_31748_6306.N1	27-MAR-2008 00:19:29.982 27-MAR-2008 02:02:56.076	RA2_ME__0PNPDE20080327_001929_000062062067_00131_31748_6306.N1 RA2_ME__0P.MPH.ABS_ORBIT=31748
Product: RA2_ME__0P Filename: RA2_ME__0PNPDE20080327_020155_000061782067_00132_31749_6308.N1	27-MAR-2008 02:01:55.920 27-MAR-2008 03:44:54.163	RA2_ME__0PNPDE20080327_020155_000061782067_00132_31749_6308.N1 RA2_ME__0P.MPH.ABS_ORBIT=31749
Product: RA2_ME__0P Filename: RA2_ME__0PNPDE20080327_034412_000061842067_00133_31750_6310.N1	27-MAR-2008 03:44:12.945 27-MAR-2008 05:27:16.759	RA2_ME__0PNPDE20080327_034412_000061842067_00133_31750_6310.N1 RA2_ME__0P.MPH.ABS_ORBIT=31750
Product: RA2_ME__0P Filename: RA2_ME__0PNPDK20080327_052642_000062152067_00134_31751_8240.N1	27-MAR-2008 05:26:42.225 27-MAR-2008 07:10:17.231	RA2_ME__0PNPDK20080327_052642_000062152067_00134_31751_8240.N1 RA2_ME__0P.MPH.ABS_ORBIT=31751
Product: RA2_ME__0P Filename: RA2_ME__0PNPDK20080327_070929_000059752067_00135_31752_8241.N1	27-MAR-2008 07:09:29.329 27-MAR-2008 08:49:04.825	RA2_ME__0PNPDK20080327_070929_000059752067_00135_31752_8241.N1 RA2_ME__0P.MPH.ABS_ORBIT=31752
Product: RA2_ME__0P Filename: RA2_ME__0PNPDK20080327_084818_000060712067_00136_31753_8242.N1	27-MAR-2008 08:48:18.037 27-MAR-2008 10:29:29.337	RA2_ME__0PNPDK20080327_084818_000060712067_00136_31753_8242.N1 RA2_ME__0P.MPH.ABS_ORBIT=31753
Product: RA2_ME__0P Filename: RA2_ME__0PNPDK20080327_102854_000060162067_00137_31754_8243.N1	27-MAR-2008 10:28:54.803 27-MAR-2008 12:09:10.403	RA2_ME__0PNPDK20080327_102854_000060162067_00137_31754_8243.N1 RA2_ME__0P.MPH.ABS_ORBIT=31754
Product: RA2_ME__0P Filename: RA2_ME__0PNPDK20080327_120823_000058702067_00138_31755_8244.N1	27-MAR-2008 12:08:23.615 27-MAR-2008 13:46:13.281	RA2_ME__0PNPDK20080327_120823_000058702067_00138_31755_8244.N1 RA2_ME__0P.MPH.ABS_ORBIT=31755
Product: RA2_ME__0P Filename: RA2_ME__0PNPDK20080327_134408_000052002067_00139_31756_8245.N1	27-MAR-2008 13:44:08.513 27-MAR-2008 15:10:48.665	RA2_ME__0PNPDK20080327_134408_000052002067_00139_31756_8245.N1 RA2_ME__0P.MPH.ABS_ORBIT=31756
Product: RA2_ME__0P Filename: RA2_ME__0PNPDK20080327_151427_000005702067_00140_31757_8246.N1	27-MAR-2008 15:14:27.490 27-MAR-2008 15:23:57.858	RA2_ME__0PNPDK20080327_151427_000005702067_00140_31757_8246.N1 RA2_ME__0P.MPH.ABS_ORBIT=31757
Product: RA2_ME__0P Filename: RA2_ME__0PNPDK20080327_152251_000059922067_00140_31757_8247.N1	27-MAR-2008 15:22:51.018 27-MAR-2008 17:02:43.224	RA2_ME__0PNPDK20080327_152251_000059922067_00140_31757_8247.N1 RA2_ME__0P.MPH.ABS_ORBIT=31757
Product: RA2_ME__0P Filename: RA2_ME__0PNPDK20080327_170137_000059822067_00141_31758_8248.N1	27-MAR-2008 17:01:37.498 27-MAR-2008 18:41:19.678	RA2_ME__0PNPDK20080327_170137_000059822067_00141_31758_8248.N1 RA2_ME__0P.MPH.ABS_ORBIT=31758

## 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: 63.753913 s	27-MAR-2008 00:18:04.085 27-MAR-2008 00:19:07.839
MODE.NOMINAL DORIS.MISSING	Duration: 127.519546 s	27-MAR-2008 01:59:01.125 27-MAR-2008 02:01:08.644
MODE.NOMINAL DORIS.MISSING	Duration: 127.507827 s	27-MAR-2008 03:42:05.665 27-MAR-2008 03:44:13.172
MODE.NOMINAL DORIS.MISSING	Duration: 63.757815 s	27-MAR-2008 05:25:10.208 27-MAR-2008 05:26:13.966
MODE.NOMINAL DORIS.MISSING	Duration: 127.519547 s	27-MAR-2008 07:07:11.018 27-MAR-2008 07:09:18.537
MODE.NOMINAL DORIS.MISSING	Duration: 63.757809 s	27-MAR-2008 08:47:04.311 27-MAR-2008 08:48:08.069



MODE.NOMINAL DORIS.MISSING	Duration: 63.761728 s	27-MAR-2008 10:26:57.593 27-MAR-2008 10:28:01.355
MODE.NOMINAL DORIS.MISSING	Duration: 63.757818 s	27-MAR-2008 12:06:50.887 27-MAR-2008 12:07:54.645
MODE.NOMINAL DORIS.MISSING	Duration: 63.757817 s	27-MAR-2008 15:21:18.665 27-MAR-2008 15:22:22.423
MODE.NOMINAL DORIS.MISSING	Duration: 63.757818 s	27-MAR-2008 17:00:08.162 27-MAR-2008 17:01:11.920
MODE.NOMINAL DORIS.MISSING	Duration: 280.437308 s	27-MAR-2008 18:38:57.682 27-MAR-2008 18:43:38.120 (I)
MODE.NOMINAL DORIS.MISSING	Duration: 5998.289991 s	27-MAR-2008 18:43:38.120 (I) 27-MAR-2008 20:23:36.410 (I)
MODE.NOMINAL DORIS.MISSING	Duration: 6142.690991 s	27-MAR-2008 20:23:36.410 (I) 27-MAR-2008 22:05:59.101 (I)
MODE.NOMINAL DORIS.MISSING	Duration: 6270.191991 s	27-MAR-2008 22:05:59.101 (I) 27-MAR-2008 23:50:29.293 (I)
MODE.NOMINAL DORIS.MISSING	Duration: 6111.567991 s	27-MAR-2008 23:50:29.293 (I) 28-MAR-2008 01:32:20.861 (I)

**DOR\_NAV\_0P missing products**

<b>Gauge</b>	<b>Value</b>	<b>Segment (Start-Stop)</b>
MODE.NOMINAL DORIS.MISSING	Duration: 318.789100 s	27-MAR-2008 00:13:17.179 27-MAR-2008 00:18:35.968
MODE.NOMINAL DORIS.MISSING	Duration: 318.793005 s	27-MAR-2008 01:54:14.207 27-MAR-2008 01:59:33.000
MODE.NOMINAL DORIS.MISSING	Duration: 318.793006 s	27-MAR-2008 03:35:11.231 27-MAR-2008 03:40:30.024
MODE.NOMINAL DORIS.MISSING	Duration: 318.789100 s	27-MAR-2008 07:02:24.107 27-MAR-2008 07:07:42.896
MODE.NOMINAL DORIS.MISSING	Duration: 318.789088 s	27-MAR-2008 08:38:02.370 27-MAR-2008 08:43:21.159
MODE.NOMINAL DORIS.MISSING	Duration: 318.793006 s	27-MAR-2008 10:18:59.402 27-MAR-2008 10:24:18.195
MODE.NOMINAL DORIS.MISSING	Duration: 318.785191 s	27-MAR-2008 11:59:56.465 27-MAR-2008 12:05:15.250
MODE.NOMINAL DORIS.MISSING	Duration: 318.789103 s	27-MAR-2008 13:35:34.712 27-MAR-2008 13:40:53.501
MODE.NOMINAL DORIS.MISSING	Duration: 318.796910 s	27-MAR-2008 15:16:31.747 27-MAR-2008 15:21:50.544
MODE.NOMINAL DORIS.MISSING	Duration: 318.781285 s	27-MAR-2008 16:52:09.979 27-MAR-2008 16:57:28.760
MODE.NOMINAL DORIS.MISSING	Duration: 631.105317 s	27-MAR-2008 18:33:07.014 27-MAR-2008 18:43:38.120 (I)
MODE.NOMINAL DORIS.MISSING	Duration: 5998.289991 s	27-MAR-2008 18:43:38.120 (I) 27-MAR-2008 20:23:36.410 (I)
MODE.NOMINAL DORIS.MISSING	Duration: 6142.690991 s	27-MAR-2008 20:23:36.410 (I) 27-MAR-2008 22:05:59.101 (I)

MODE.NOMINAL DORIS.MISSING	Duration: 6270.191991 s	27-MAR-2008 22:05:59.101 (I) 27-MAR-2008 23:50:29.293 (I)
MODE.NOMINAL DORIS.MISSING	Duration: 6111.567991 s	27-MAR-2008 23:50:29.293 (I) 28-MAR-2008 01:32:20.861 (I)

**MWR\_NL\_\_0P missing products**

Gauge	Value	Segment (Start-Stop)
MODE.NOMINAL MWR.MISSING	Duration: 24.000003 s	27-MAR-2008 10:28:24.855 27-MAR-2008 10:28:48.855
MODE.NOMINAL MWR.MISSING	Duration: 192.472454 s	27-MAR-2008 18:40:25.647 27-MAR-2008 18:43:38.120 (I)
MODE.NOMINAL MWR.MISSING	Duration: 5998.289991 s	27-MAR-2008 18:43:38.120 (I) 27-MAR-2008 20:23:36.410 (I)
MODE.NOMINAL MWR.MISSING	Duration: 6142.690991 s	27-MAR-2008 20:23:36.410 (I) 27-MAR-2008 22:05:59.101 (I)
MODE.NOMINAL MWR.MISSING	Duration: 6270.191991 s	27-MAR-2008 22:05:59.101 (I) 27-MAR-2008 23:50:29.293 (I)
MODE.NOMINAL MWR.MISSING	Duration: 6111.567991 s	27-MAR-2008 23:50:29.293 (I) 28-MAR-2008 01:32:20.861 (I)

**RA2\_ME\_\_0P missing products**

Gauge	Value	Segment (Start-Stop)
MODE.MEASUREMENT RA2.MISSING	Duration: 82.215086 s	27-MAR-2008 15:13:05.275 (I) 27-MAR-2008 15:14:27.490
MODE.MEASUREMENT RA2.MISSING	Duration: 138.441565 s	27-MAR-2008 18:41:19.678 27-MAR-2008 18:43:38.120 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 5998.289991 s	27-MAR-2008 18:43:38.120 (I) 27-MAR-2008 20:23:36.410 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 6142.690991 s	27-MAR-2008 20:23:36.410 (I) 27-MAR-2008 22:05:59.101 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 6270.191991 s	27-MAR-2008 22:05:59.101 (I) 27-MAR-2008 23:50:29.293 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 6111.567991 s	27-MAR-2008 23:50:29.293 (I) 28-MAR-2008 01:32:20.861 (I)

**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

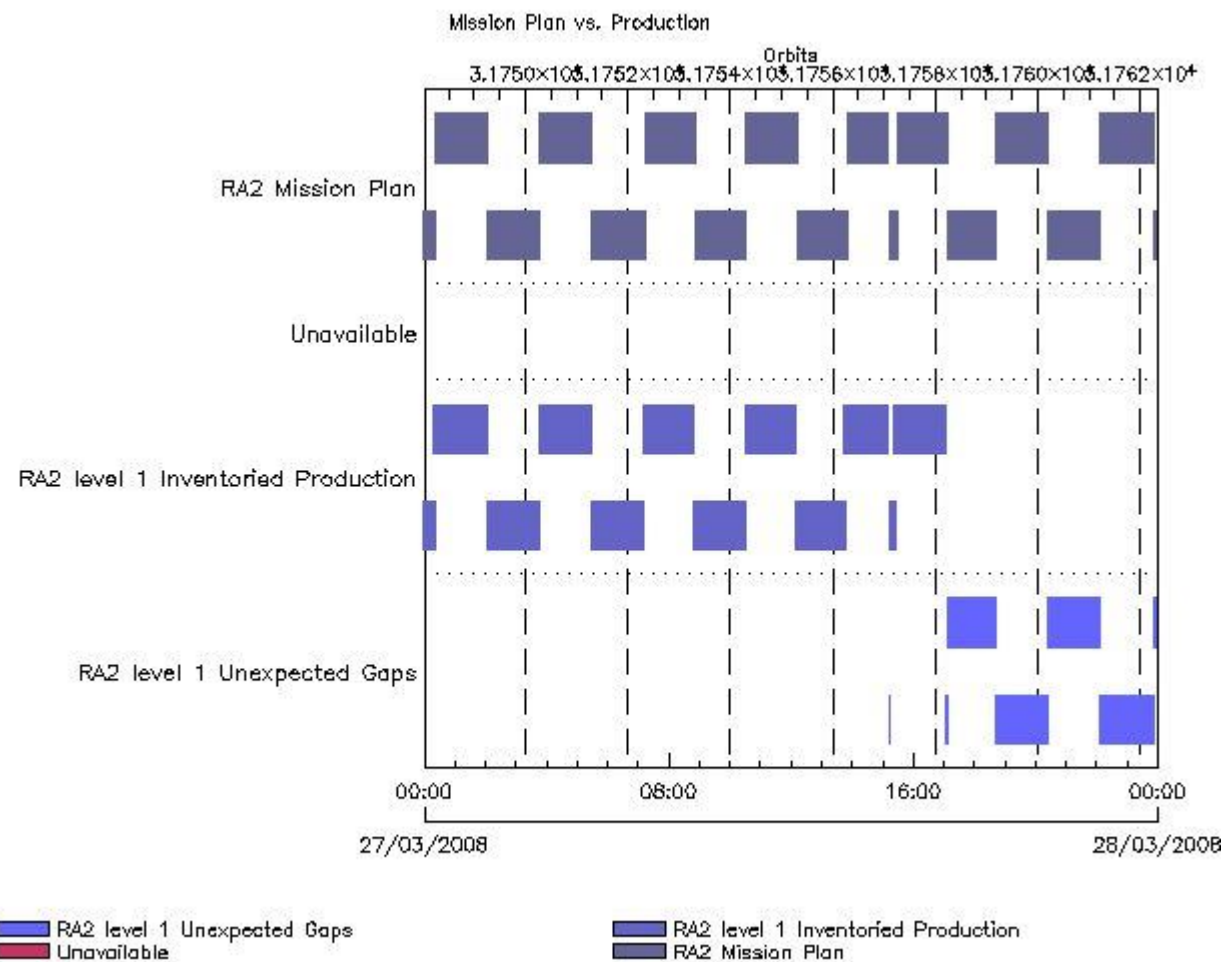
RA2\_ME\_\_0P duplicates

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	26-MAR-2008 23:57:19.406 (I) 27-MAR-2008 15:10:57.483 (I)
MODE.DIGITAL_BITE RA2.ACQ_PLAN	27-MAR-2008 15:11:01.994 (I) 27-MAR-2008 15:13:00.765 (I)
MODE.MEASUREMENT RA2.ACQ_PLAN	27-MAR-2008 15:13:05.275 (I) 28-MAR-2008 01:32:20.861 (I)

### Inventoried Products

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

Gauge	Segment (Start-Stop)	Explicit Reference
Product: RA2_MW__1P Filename: RA2_MW__1PNPDE20080326_223541_000062952067_00130_31747_3902.N1	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791	RA2_MW__1PNPDE20080326_223541_000062952067_00130_31747_3902.N1 RA2_MW__1P.MPH.ABS_ORBIT=31747
Product: RA2_MW__1P Filename: RA2_MW__1PNPDE20080327_001930_000062072067_00131_31748_4022.N1	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159	RA2_MW__1PNPDE20080327_001930_000062072067_00131_31748_4022.N1 RA2_MW__1P.MPH.ABS_ORBIT=31748
Product: RA2_MW__1P Filename: RA2_MW__1PNPDE20080327_020155_000061792067_00132_31749_4145.N1	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247	RA2_MW__1PNPDE20080327_020155_000061792067_00132_31749_4145.N1 RA2_MW__1P.MPH.ABS_ORBIT=31749
Product: RA2_MW__1P Filename: RA2_MW__1PNPDE20080327_034412_000061852067_00133_31750_4266.N1	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843	RA2_MW__1PNPDE20080327_034412_000061852067_00133_31750_4266.N1 RA2_MW__1P.MPH.ABS_ORBIT=31750
Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080327_052642_000062162067_00134_31751_9961.N1	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315	RA2_MW__1PNPDK20080327_052642_000062162067_00134_31751_9961.N1 RA2_MW__1P.MPH.ABS_ORBIT=31751

Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080327_070929_000059772067_00135_31752_0096.N1	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909	RA2_MW__1PNPDK20080327_070929_000059772067_00135_31752_0096.N1 RA2_MW__1P.MPH.ABS_ORBIT=31752
Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080327_084818_000060722067_00136_31753_0369.N1	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420	RA2_MW__1PNPDK20080327_084818_000060722067_00136_31753_0369.N1 RA2_MW__1P.MPH.ABS_ORBIT=31753
Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080327_102854_000060172067_00137_31754_0474.N1	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486	RA2_MW__1PNPDK20080327_102854_000060172067_00137_31754_0474.N1 RA2_MW__1P.MPH.ABS_ORBIT=31754
Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080327_120823_000058712067_00138_31755_0628.N1	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364	RA2_MW__1PNPDK20080327_120823_000058712067_00138_31755_0628.N1 RA2_MW__1P.MPH.ABS_ORBIT=31755
Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080327_134408_000052012067_00139_31756_0779.N1	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748	RA2_MW__1PNPDK20080327_134408_000052012067_00139_31756_0779.N1 RA2_MW__1P.MPH.ABS_ORBIT=31756
Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080327_151427_000005712067_00140_31757_0782.N1	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942	RA2_MW__1PNPDK20080327_151427_000005712067_00140_31757_0782.N1 RA2_MW__1P.MPH.ABS_ORBIT=31757
Product: RA2_MW__1P Filename: RA2_MW__1PNPDK20080327_152251_000059932067_00140_31757_0977.N1	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308	RA2_MW__1PNPDK20080327_152251_000059932067_00140_31757_0977.N1 RA2_MW__1P.MPH.ABS_ORBIT=31757

## Missing Products

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

Gauge	Value	Segment (Start-Stop)
MODE.MEASUREMENT RA2.MISSING	Duration: 82.240311 s	27-MAR-2008 15:13:05.275 (I) 27-MAR-2008 15:14:27.515
MODE.MEASUREMENT RA2.MISSING	Duration: 180.745946 s	27-MAR-2008 17:02:44.308 27-MAR-2008 17:05:45.054 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 5873.065991 s	27-MAR-2008 17:05:45.054 (I) 27-MAR-2008 18:43:38.120 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 5998.289991 s	27-MAR-2008 18:43:38.120 (I) 27-MAR-2008 20:23:36.410 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 6142.690991 s	27-MAR-2008 20:23:36.410 (I) 27-MAR-2008 22:05:59.101 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 6270.191991 s	27-MAR-2008 22:05:59.101 (I) 27-MAR-2008 23:50:29.293 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 6111.567991 s	27-MAR-2008 23:50:29.293 (I) 28-MAR-2008 01:32:20.861 (I)

## Unplanned Products

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

Gauge	Segment (Start-Stop)
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## Overlaps

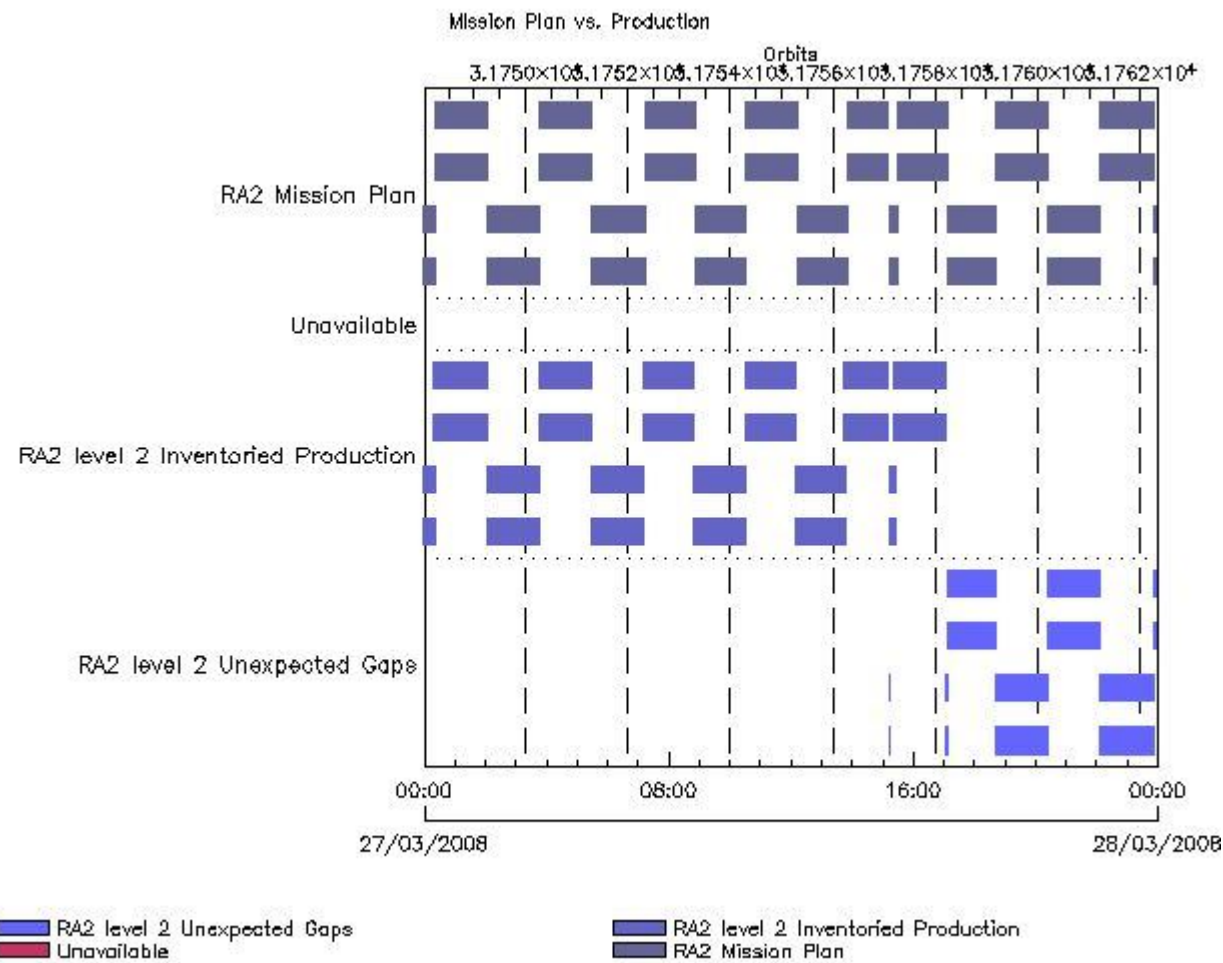
### RA2\_MW\_\_1P overlaps

Gauge	Segment (Start-Stop)	Explicit Reference
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## Duplicates

### RA2\_MW\_\_1P duplicates

# Mission Plan vs. Production (level 2)



## Mission Plan (extracted from DMOP)

Gauge	Segment (Start-Stop)
MODE.MEASUREMENT RA2.ACQ_PLAN	26-MAR-2008 23:57:19.406 (I) 27-MAR-2008 15:10:57.483 (I)
MODE.DIGITAL_BITE RA2.ACQ_PLAN	27-MAR-2008 15:11:01.994 (I) 27-MAR-2008 15:13:00.765 (I)
MODE.MEASUREMENT RA2.ACQ_PLAN	27-MAR-2008 15:13:05.275 (I) 28-MAR-2008 01:32:20.861 (I)

## Inventoried Products

### RA2\_FGD\_2P products

Gauge	Segment (Start-Stop)	Explicit Reference
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDE20080326_223541_000062952067_00130_31747_3903.N1	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791	RA2_FGD_2PNPDE20080326_223541_000062952067_00130_31747_3903.N1 RA2_FGD_2P.MPH.ABS_ORBIT=31747
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDE20080327_001930_000062072067_00131_31748_4023.N1	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159	RA2_FGD_2PNPDE20080327_001930_000062072067_00131_31748_4023.N1 RA2_FGD_2P.MPH.ABS_ORBIT=31748

Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDE20080327_020155_000061792067_00132_31749_4146.N1	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247	RA2_FGD_2PNPDE20080327_020155_000061792067_00132_3174 RA2_FGD_2P.MPH.ABS_ORBIT=31749
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDE20080327_034412_000061852067_00133_31750_4267.N1	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843	RA2_FGD_2PNPDE20080327_034412_000061852067_00133_31750_4267.N1 RA2_FGD_2P.MPH.ABS_ORBIT=31750
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080327_052642_000062162067_00134_31751_9962.N1	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315	RA2_FGD_2PNPDK20080327_052642_000062162067_00134_31751_9962.N1 RA2_FGD_2P.MPH.ABS_ORBIT=31751
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080327_070929_000059772067_00135_31752_0097.N1	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909	RA2_FGD_2PNPDK20080327_070929_000059772067_00135_31752_0097.N1 RA2_FGD_2P.MPH.ABS_ORBIT=31752
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080327_084818_000060722067_00136_31753_0370.N1	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420	RA2_FGD_2PNPDK20080327_084818_000060722067_00136_31753_0370.N1 RA2_FGD_2P.MPH.ABS_ORBIT=31753
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080327_102854_000060172067_00137_31754_0475.N1	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486	RA2_FGD_2PNPDK20080327_102854_000060172067_00137_31754_0475.N1 RA2_FGD_2P.MPH.ABS_ORBIT=31754
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080327_120823_000058712067_00138_31755_0629.N1	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364	RA2_FGD_2PNPDK20080327_120823_000058712067_00138_31755_0629.N1 RA2_FGD_2P.MPH.ABS_ORBIT=31755
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080327_134408_000052012067_00139_31756_0780.N1	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748	RA2_FGD_2PNPDK20080327_134408_000052012067_00139_31756_0780.N1 RA2_FGD_2P.MPH.ABS_ORBIT=31756
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080327_151427_000005712067_00140_31757_0783.N1	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942	RA2_FGD_2PNPDK20080327_151427_000005712067_00140_31757_0783.N1 RA2_FGD_2P.MPH.ABS_ORBIT=31757
Product: RA2_FGD_2P Filename: RA2_FGD_2PNPDK20080327_152251_000059932067_00140_31757_0978.N1	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308	RA2_FGD_2PNPDK20080327_152251_000059932067_00140_31757_0978.N1 RA2_FGD_2P.MPH.ABS_ORBIT=31757

**RA2\_WWV\_2P products**

Gauge	Segment (Start-Stop)	Explicit Reference
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDE20080326_223541_000062952067_00130_31747_3904.N1	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791	RA2_WWV_2PNPDE20080326_223541_000062952067_00130_31747_3904.N1 RA2_WWV_2P.MPH.ABS_ORBIT=31747
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDE20080327_001930_000062072067_00131_31748_4024.N1	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159	RA2_WWV_2PNPDE20080327_001930_000062072067_00131_31748_4024.N1 RA2_WWV_2P.MPH.ABS_ORBIT=31748
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDE20080327_020155_000061792067_00132_31749_4147.N1	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247	RA2_WWV_2PNPDE20080327_020155_000061792067_00132_31749_4147.N1 RA2_WWV_2P.MPH.ABS_ORBIT=31749
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDE20080327_034412_000061852067_00133_31750_4268.N1	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843	RA2_WWV_2PNPDE20080327_034412_000061852067_00133_31750_4268.N1 RA2_WWV_2P.MPH.ABS_ORBIT=31750
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080327_052642_000062162067_00134_31751_9963.N1	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315	RA2_WWV_2PNPDK20080327_052642_000062162067_00134_31751_9963.N1 RA2_WWV_2P.MPH.ABS_ORBIT=31751
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080327_070929_000059772067_00135_31752_0098.N1	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909	RA2_WWV_2PNPDK20080327_070929_000059772067_00135_31752_0098.N1 RA2_WWV_2P.MPH.ABS_ORBIT=31752
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080327_084818_000060722067_00136_31753_0371.N1	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420	RA2_WWV_2PNPDK20080327_084818_000060722067_00136_31753_0371.N1 RA2_WWV_2P.MPH.ABS_ORBIT=31753
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080327_102854_000060172067_00137_31754_0476.N1	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486	RA2_WWV_2PNPDK20080327_102854_000060172067_00137_31754_0476.N1 RA2_WWV_2P.MPH.ABS_ORBIT=31754
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080327_120823_000058712067_00138_31755_0630.N1	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364	RA2_WWV_2PNPDK20080327_120823_000058712067_00138_31755_0630.N1 RA2_WWV_2P.MPH.ABS_ORBIT=31755
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080327_134408_000052012067_00139_31756_0781.N1	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748	RA2_WWV_2PNPDK20080327_134408_000052012067_00139_31756_0781.N1 RA2_WWV_2P.MPH.ABS_ORBIT=31756
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080327_151427_000005712067_00140_31757_0784.N1	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942	RA2_WWV_2PNPDK20080327_151427_000005712067_00140_31757_0784.N1 RA2_WWV_2P.MPH.ABS_ORBIT=31757
Product: RA2_WWV_2P Filename: RA2_WWV_2PNPDK20080327_152251_000059932067_00140_31757_0979.N1	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308	RA2_WWV_2PNPDK20080327_152251_000059932067_00140_31757_0979.N1 RA2_WWV_2P.MPH.ABS_ORBIT=31757



## Missing Products

### RA2\_FGD\_2P missing products

Gauge	Value	Segment (Start-Stop)
MODE.MEASUREMENT RA2.MISSING	Duration: 82.240311 s	27-MAR-2008 15:13:05.275 (I) 27-MAR-2008 15:14:27.515
MODE.MEASUREMENT RA2.MISSING	Duration: 180.745946 s	27-MAR-2008 17:02:44.308 27-MAR-2008 17:05:45.054 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 5873.065991 s	27-MAR-2008 17:05:45.054 (I) 27-MAR-2008 18:43:38.120 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 5998.289991 s	27-MAR-2008 18:43:38.120 (I) 27-MAR-2008 20:23:36.410 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 6142.690991 s	27-MAR-2008 20:23:36.410 (I) 27-MAR-2008 22:05:59.101 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 6270.191991 s	27-MAR-2008 22:05:59.101 (I) 27-MAR-2008 23:50:29.293 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 6111.567991 s	27-MAR-2008 23:50:29.293 (I) 28-MAR-2008 01:32:20.861 (I)

### RA2\_WWV\_2P missing products

Gauge	Value	Segment (Start-Stop)
MODE.MEASUREMENT RA2.MISSING	Duration: 82.240311 s	27-MAR-2008 15:13:05.275 (I) 27-MAR-2008 15:14:27.515
MODE.MEASUREMENT RA2.MISSING	Duration: 180.745946 s	27-MAR-2008 17:02:44.308 27-MAR-2008 17:05:45.054 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 5873.065991 s	27-MAR-2008 17:05:45.054 (I) 27-MAR-2008 18:43:38.120 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 5998.289991 s	27-MAR-2008 18:43:38.120 (I) 27-MAR-2008 20:23:36.410 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 6142.690991 s	27-MAR-2008 20:23:36.410 (I) 27-MAR-2008 22:05:59.101 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 6270.191991 s	27-MAR-2008 22:05:59.101 (I) 27-MAR-2008 23:50:29.293 (I)
MODE.MEASUREMENT RA2.MISSING	Duration: 6111.567991 s	27-MAR-2008 23:50:29.293 (I) 28-MAR-2008 01:32:20.861 (I)

## Unplanned Products

### RA2\_FGD\_2P unplanned products

Gauge	Segment (Start-Stop)
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### RA2\_WWV\_2P unplanned products

Gauge	Segment (Start-Stop)
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## 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_AXVPDS20080327_010112_20080326_185534_20080405_202147	27-MAR-2008 05:26:13.966 27-MAR-2008 05:26:13.966	Product: DOR_DOP_0PNPDK20080327_052613_000060572067_00134_31751_7139.N1

### DOR\_NAV\_0P: ADF usage

New ADFs

Gauge	Value	Segment (Start-Stop)	Explicit Reference
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DSD: ORBIT_STATE_VECTOR_FILE PCF_DOR_NAV_0P	new ADF: AUX_FPO_AXVPDS20080327_010112_20080326_185534_20080405_202147	27-MAR-2008 05:21:27.048 27-MAR-2008 05:21:27.048	Product: DOR_NAV_0PNPDK20080327_052127_000060572067_00134_31751_6414.N1
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### 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_AXVPDS20080327_010112_20080326_185534_20080405_202147	27-MAR-2008 05:26:24.372 27-MAR-2008 05:26:24.372	Product: MWR_NL__0PNPDK20080327_052624_000061682067_00134_31751_7024.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_AXVPDS20080327_010112_20080326_185534_20080405_202147	27-MAR-2008 05:26:42.225 27-MAR-2008 05:26:42.225	Product: RA2_ME__0PNPDK20080327_052642_000062152067_00134_31751_8240.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_CON_AX.INFO PCF_IECF	RA2_CON_AXVIEC20070723_131547_20060621_132015_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000

RA2_CST_AX.INFO PCF_IECF	RA2_CST_AXVIEC20020621_135858_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_CHD_AX.INFO PCF_IECF	RA2_CHD_AXVIEC20060913_074707_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_IFA_AX.INFO PCF_IECF	RA2_IFA_AXVIEC20050216_125529_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_IFB_AX.INFO PCF_IECF	RA2_IFB_AXVIEC20050216_125738_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_IFF_AX.INFO PCF_IECF	RA2_IFF_AXVIEC20080221_072649_20080221_000000_20100101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_USO_AX.INFO PCF_IECF	RA2_USO_AXVIEC20070618_133225_20070620_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
MWR_CON_AX.INFO PCF_IECF	MWR_CON_AXVIEC20040810_145011_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
MWR_CHD_AX.INFO PCF_IECF	MWR_CHD_AXVIEC20061013_132356_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
MWR_SLT_AX.INFO PCF_IECF	MWR_SLT_AXVIEC20060921_063409_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000

**Differences with IECF list**

**Gauge** **Value** **Explicit Reference**

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

**New ADFs**

<b>Gauge</b>	<b>Value</b>	<b>Segment (Start-Stop)</b>	<b>Explicit Reference</b>
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDE20080327_001835_000057382067_00131_31748_5281.N1	27-MAR-2008 00:19:30.007 27-MAR-2008 00:19:30.007	Product: RA2_FGD_2PNPDE20080327_001930_000062072067_00131_31748_4023.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDE20080327_015932_000057382067_00132_31749_5282.N1	27-MAR-2008 02:01:55.945 27-MAR-2008 02:01:55.945	Product: RA2_FGD_2PNPDE20080327_020155_000061792067_00132_31749_4146.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDE20080327_034030_000060572067_00133_31750_5283.N1	27-MAR-2008 03:44:12.971 27-MAR-2008 03:44:12.971	Product: RA2_FGD_2PNPDE20080327_034412_000061852067_00133_31750_4267.N1



DSD: RA2_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080326_072113_20080326_210000_20080327_090000	27-MAR-2008 03:44:12.971 27-MAR-2008 03:44:12.971	Product: RA2_FGD_2PNPDE20080327_034412_000061852067_00133_31750_4267.N1
DSD: RA2_CHARACTERISATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080326_190117_20080327_030000_20080327_150000	27-MAR-2008 03:44:12.971 27-MAR-2008 03:44:12.971	Product: RA2_FGD_2PNPDE20080327_034412_000061852067_00133_31750_4267.N1
DSD: MWR_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: NOT USED	27-MAR-2008 03:44:12.971 27-MAR-2008 03:44:12.971	Product: RA2_FGD_2PNPDE20080327_034412_000061852067_00133_31750_4267.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDK20080327_052127_000060572067_00134_31751_6414.N1	27-MAR-2008 05:26:42.251 27-MAR-2008 05:26:42.251	Product: RA2_FGD_2PNPDK20080327_052642_000062162067_00134_31751_9962.N1
DSD: MWR_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080327_070115_20080327_090000_20080327_210000	27-MAR-2008 05:26:42.251 27-MAR-2008 05:26:42.251	Product: RA2_FGD_2PNPDK20080327_052642_000062162067_00134_31751_9962.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDK20080327_070742_000054192067_00135_31752_6415.N1	27-MAR-2008 07:09:29.354 27-MAR-2008 07:09:29.354	Product: RA2_FGD_2PNPDK20080327_070929_000059772067_00135_31752_0097.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDK20080327_084321_000057382067_00136_31753_6416.N1	27-MAR-2008 08:48:18.062 27-MAR-2008 08:48:18.062	Product: RA2_FGD_2PNPDK20080327_084818_000060722067_00136_31753_0370.N1

DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDK20080327_102418_000057382067_00137_31754_6417.N1	27-MAR-2008 10:28:54.828 27-MAR-2008 10:28:54.828	Product: RA2_FGD_2PNPDK20080327_102854_000060172067_00137_31754_0475.N1
DSD: RA2_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080326_190117_20080327_030000_20080327_150000	27-MAR-2008 10:28:54.828 27-MAR-2008 10:28:54.828	Product: RA2_FGD_2PNPDK20080327_102854_000060172067_00137_31754_0475.N1
DSD: RA2_CHARACTERISATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080327_070115_20080327_090000_20080327_210000	27-MAR-2008 10:28:54.828 27-MAR-2008 10:28:54.828	Product: RA2_FGD_2PNPDK20080327_102854_000060172067_00137_31754_0475.N1
DSD: MWR_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080327_072115_20080327_150000_20080328_030000	27-MAR-2008 10:28:54.828 27-MAR-2008 10:28:54.828	Product: RA2_FGD_2PNPDK20080327_102854_000060172067_00137_31754_0475.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDK20080327_120515_000054192067_00138_31755_6418.N1	27-MAR-2008 12:08:23.640 27-MAR-2008 12:08:23.640	Product: RA2_FGD_2PNPDK20080327_120823_000058712067_00138_31755_0629.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDK20080327_134053_000057382067_00139_31756_6419.N1	27-MAR-2008 13:44:08.538 27-MAR-2008 13:44:08.538	Product: RA2_FGD_2PNPDK20080327_134408_000052012067_00139_31756_0780.N1
DSD: RA2_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080327_070115_20080327_090000_20080327_210000	27-MAR-2008 15:14:27.515 27-MAR-2008 15:14:27.515	Product: RA2_FGD_2PNPDK20080327_151427_000005712067_00140_31757_0783.N1

DSD: RA2_CHARACTERISATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080327_072115_20080327_150000_20080328_030000	27-MAR-2008 15:14:27.515 27-MAR-2008 15:14:27.515	Product: RA2_FGD_2PNPDK20080327_151427_000005712067_00140_31757_0783.N1
DSD: MWR_CONFIGURATION_DATA PCF_RA2_FGD_2P	new ADF: AUX_ECF_AXNECM20080327_072115_20080327_210000_20080328_090000	27-MAR-2008 15:14:27.515 27-MAR-2008 15:14:27.515	Product: RA2_FGD_2PNPDK20080327_151427_000005712067_00140_31757_0783.N1
DSD: RA2_USO_DATA PCF_RA2_FGD_2P	new ADF: DOR_NAV_0PNPDK20080327_152150_000054192067_00140_31757_6420.N1	27-MAR-2008 15:22:51.044 27-MAR-2008 15:22:51.044	Product: RA2_FGD_2PNPDK20080327_152251_000059932067_00140_31757_0978.N1

**Current ADFs (from IECF list)**

Gauge	Value	Explicit Reference
RA2_IFF_AX.INFO PCF_IECF	RA2_IFF_AXVIEC20080221_072649_20080221_000000_20100101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_USO_AX.INFO PCF_IECF	RA2_USO_AXVIEC20070618_133225_20070620_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
MWR_SLT_AX.INFO PCF_IECF	MWR_SLT_AXVIEC20060921_063409_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
AUX_ATT_AX.INFO PCF_IECF	AUX_ATT_AXVIEC20020924_131534_20020703_120000_20781231_235959	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_PLA_AX.INFO PCF_IECF	RA2_PLA_AXVIEC20060331_181823_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_SOL_AX.INFO PCF_IECF	RA2_SOL_AXVIEC20080317_161046_20020101_000000_20090301_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_CON_AX.INFO PCF_IECF	RA2_CON_AXVIEC20070723_131547_20060621_132015_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_CHD_AX.INFO PCF_IECF	RA2_CHD_AXVIEC20060913_074707_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
MWR_CON_AX.INFO PCF_IECF	MWR_CON_AXVIEC20040810_145011_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
MWR_CHD_AX.INFO PCF_IECF	MWR_CHD_AXVIEC20061013_132356_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
MWR_LSF_AX.INFO PCF_IECF	MWR_LSF_AXVIEC20020313_172218_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_MET_AX.INFO PCF_IECF	RA2_MET_AXVIEC20020204_073357_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000

RA2_CST_AX.INFO PCF_IECF	RA2_CST_AXVIEC20020621_135858_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_SOI_AX.INFO PCF_IECF	RA2_SOI_AXVIEC20051003_170000_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_ICT_AX.INFO PCF_IECF	RA2_ICT_AXVIEC20060921_070730_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_SSB_AX.INFO PCF_IECF	RA2_SSB_AXVIEC20051129_111810_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_DIP_AX.INFO PCF_IECF	RA2_DIP_AXVIEC20020122_134206_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_IOC_AX.INFO PCF_IECF	RA2_IOC_AXVIEC20020122_141121_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_SET_AX.INFO PCF_IECF	RA2_SET_AXVIEC20020122_150917_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_OT1_AX.INFO PCF_IECF	RA2_OT1_AXVIEC20040120_082051_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_OT2_AX.INFO PCF_IECF	RA2_OT2_AXVIEC20031208_150159_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_TLD_AX.INFO PCF_IECF	RA2_TLD_AXVIEC20031208_151137_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_GEO_AX.INFO PCF_IECF	RA2_GEO_AXVIEC20020314_093428_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_MSS_AX.INFO PCF_IECF	RA2_MSS_AXVIEC20031208_145545_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_SL1_AX.INFO PCF_IECF	RA2_SL1_AXVIEC20030131_100228_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_SL2_AX.INFO PCF_IECF	RA2_SL2_AXVIEC20030131_101757_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_POL_AX.INFO PCF_IECF	RA2_POL_AXVIEC20080325_132022_20020101_000000_20080417_235959	Corresponding to date 26-MAR-2008 03:00:00.000

**Differences with IECF list**

**Gauge** **Value** **Explicit Reference**

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

**New ADFs**

<b>Gauge</b>	<b>Value</b>	<b>Segment (Start-Stop)</b>	<b>Explicit Reference</b>
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDE20080327_001930_000062072067_00131_31748_4023.N1	27-MAR-2008 00:19:30.007  27-MAR-2008 00:19:30.007	Product: RA2_WWV_2PNPDE20080327_001930_000062072067_00131_31748_4024.N1

DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDE20080327_001835_000057382067_00131_31748_5281.N1	27-MAR-2008 00:19:30.007 27-MAR-2008 00:19:30.007	Product: RA2_WWV_2PNPDE20080327_001930_000062072067_00131_31748_4024.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDE20080327_020155_000061792067_00132_31749_4146.N1	27-MAR-2008 02:01:55.945 27-MAR-2008 02:01:55.945	Product: RA2_WWV_2PNPDE20080327_020155_000061792067_00132_31749_4147.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDE20080327_015932_000057382067_00132_31749_5282.N1	27-MAR-2008 02:01:55.945 27-MAR-2008 02:01:55.945	Product: RA2_WWV_2PNPDE20080327_020155_000061792067_00132_31749_4147.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDE20080327_034412_000061852067_00133_31750_4267.N1	27-MAR-2008 03:44:12.971 27-MAR-2008 03:44:12.971	Product: RA2_WWV_2PNPDE20080327_034412_000061852067_00133_31750_4268.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDE20080327_034030_000060572067_00133_31750_5283.N1	27-MAR-2008 03:44:12.971 27-MAR-2008 03:44:12.971	Product: RA2_WWV_2PNPDE20080327_034412_000061852067_00133_31750_4268.N1
DSD: RA2_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080326_072113_20080326_210000_20080327_090000	27-MAR-2008 03:44:12.971 27-MAR-2008 03:44:12.971	Product: RA2_WWV_2PNPDE20080327_034412_000061852067_00133_31750_4268.N1
DSD: RA2_CHARACTERISATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080326_190117_20080327_030000_20080327_150000	27-MAR-2008 03:44:12.971 27-MAR-2008 03:44:12.971	Product: RA2_WWV_2PNPDE20080327_034412_000061852067_00133_31750_4268.N1

DSD: MWR_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: NOT USED	27-MAR-2008 03:44:12.971 27-MAR-2008 03:44:12.971	Product: RA2_WWV_2PNPDE20080327_034412_000061852067_00133_31750_4268.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080327_052642_000062162067_00134_31751_9962.N1	27-MAR-2008 05:26:42.251 27-MAR-2008 05:26:42.251	Product: RA2_WWV_2PNPDK20080327_052642_000062162067_00134_31751_9963.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDK20080327_052127_000060572067_00134_31751_6414.N1	27-MAR-2008 05:26:42.251 27-MAR-2008 05:26:42.251	Product: RA2_WWV_2PNPDK20080327_052642_000062162067_00134_31751_9963.N1
DSD: MWR_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080327_070115_20080327_090000_20080327_210000	27-MAR-2008 05:26:42.251 27-MAR-2008 05:26:42.251	Product: RA2_WWV_2PNPDK20080327_052642_000062162067_00134_31751_9963.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080327_070929_000059772067_00135_31752_0097.N1	27-MAR-2008 07:09:29.354 27-MAR-2008 07:09:29.354	Product: RA2_WWV_2PNPDK20080327_070929_000059772067_00135_31752_0098.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDK20080327_070742_000054192067_00135_31752_6415.N1	27-MAR-2008 07:09:29.354 27-MAR-2008 07:09:29.354	Product: RA2_WWV_2PNPDK20080327_070929_000059772067_00135_31752_0098.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080327_084818_000060722067_00136_31753_0370.N1	27-MAR-2008 08:48:18.062 27-MAR-2008 08:48:18.062	Product: RA2_WWV_2PNPDK20080327_084818_000060722067_00136_31753_0371.N1



DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDK20080327_084321_000057382067_00136_31753_6416.N1	27-MAR-2008 08:48:18.062 27-MAR-2008 08:48:18.062	Product: RA2_WWV_2PNPDK20080327_084818_000060722067_00136_31753_0371.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080327_102854_000060172067_00137_31754_0475.N1	27-MAR-2008 10:28:54.828 27-MAR-2008 10:28:54.828	Product: RA2_WWV_2PNPDK20080327_102854_000060172067_00137_31754_0476.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDK20080327_102418_000057382067_00137_31754_6417.N1	27-MAR-2008 10:28:54.828 27-MAR-2008 10:28:54.828	Product: RA2_WWV_2PNPDK20080327_102854_000060172067_00137_31754_0476.N1
DSD: RA2_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080326_190117_20080327_030000_20080327_150000	27-MAR-2008 10:28:54.828 27-MAR-2008 10:28:54.828	Product: RA2_WWV_2PNPDK20080327_102854_000060172067_00137_31754_0476.N1
DSD: RA2_CHARACTERISATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080327_070115_20080327_090000_20080327_210000	27-MAR-2008 10:28:54.828 27-MAR-2008 10:28:54.828	Product: RA2_WWV_2PNPDK20080327_102854_000060172067_00137_31754_0476.N1
DSD: MWR_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080327_072115_20080327_150000_20080328_030000	27-MAR-2008 10:28:54.828 27-MAR-2008 10:28:54.828	Product: RA2_WWV_2PNPDK20080327_102854_000060172067_00137_31754_0476.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080327_120823_000058712067_00138_31755_0629.N1	27-MAR-2008 12:08:23.640 27-MAR-2008 12:08:23.640	Product: RA2_WWV_2PNPDK20080327_120823_000058712067_00138_31755_0630.N1

DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDK20080327_120515_000054192067_00138_31755_6418.N1	27-MAR-2008 12:08:23.640 27-MAR-2008 12:08:23.640	Product: RA2_WWV_2PNPDK20080327_120823_000058712067_00138_31755_0630.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080327_134408_000052012067_00139_31756_0780.N1	27-MAR-2008 13:44:08.538 27-MAR-2008 13:44:08.538	Product: RA2_WWV_2PNPDK20080327_134408_000052012067_00139_31756_0781.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDK20080327_134053_000057382067_00139_31756_6419.N1	27-MAR-2008 13:44:08.538 27-MAR-2008 13:44:08.538	Product: RA2_WWV_2PNPDK20080327_134408_000052012067_00139_31756_0781.N1
DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080327_151427_000005712067_00140_31757_0783.N1	27-MAR-2008 15:14:27.515 27-MAR-2008 15:14:27.515	Product: RA2_WWV_2PNPDK20080327_151427_000005712067_00140_31757_0784.N1
DSD: RA2_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080327_070115_20080327_090000_20080327_210000	27-MAR-2008 15:14:27.515 27-MAR-2008 15:14:27.515	Product: RA2_WWV_2PNPDK20080327_151427_000005712067_00140_31757_0784.N1
DSD: RA2_CHARACTERISATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080327_072115_20080327_150000_20080328_030000	27-MAR-2008 15:14:27.515 27-MAR-2008 15:14:27.515	Product: RA2_WWV_2PNPDK20080327_151427_000005712067_00140_31757_0784.N1
DSD: MWR_CONFIGURATION_DATA PCF_RA2_WWV_2P	new ADF: AUX_ECF_AXNECM20080327_072115_20080327_210000_20080328_090000	27-MAR-2008 15:14:27.515 27-MAR-2008 15:14:27.515	Product: RA2_WWV_2PNPDK20080327_151427_000005712067_00140_31757_0784.N1



DSD: RA2_IF_MASK_FLIGHT_DATA PCF_RA2_WWV_2P	new ADF: RA2_FGD_2PNPDK20080327_152251_000059932067_00140_31757_0978.N1	27-MAR-2008 15:22:51.044 27-MAR-2008 15:22:51.044	Product: RA2_WWV_2PNPDK20080327_152251_000059932067_00140_31757_0979.N1
DSD: RA2_USO_DATA PCF_RA2_WWV_2P	new ADF: DOR_NAV_0PNPDK20080327_152150_000054192067_00140_31757_6420.N1	27-MAR-2008 15:22:51.044 27-MAR-2008 15:22:51.044	Product: RA2_WWV_2PNPDK20080327_152251_000059932067_00140_31757_0979.N1

**Current ADFs (from IECF list)**

Gauge	Value	Explicit Reference
RA2_IFF_AX.INFO PCF_IECF	RA2_IFF_AXVIEC20080221_072649_20080221_000000_20100101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_USO_AX.INFO PCF_IECF	RA2_USO_AXVIEC20070618_133225_20070620_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
MWR_SLT_AX.INFO PCF_IECF	MWR_SLT_AXVIEC20060921_063409_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
AUX_ATT_AX.INFO PCF_IECF	AUX_ATT_AXVIEC20020924_131534_20020703_120000_20781231_235959	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_PLA_AX.INFO PCF_IECF	RA2_PLA_AXVIEC20060331_181823_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_SOL_AX.INFO PCF_IECF	RA2_SOL_AXVIEC20080317_161046_20020101_000000_20090301_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_CON_AX.INFO PCF_IECF	RA2_CON_AXVIEC20070723_131547_20060621_132015_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_CHD_AX.INFO PCF_IECF	RA2_CHD_AXVIEC20060913_074707_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
MWR_CON_AX.INFO PCF_IECF	MWR_CON_AXVIEC20040810_145011_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
MWR_CHD_AX.INFO PCF_IECF	MWR_CHD_AXVIEC20061013_132356_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
MWR_LSF_AX.INFO PCF_IECF	MWR_LSF_AXVIEC20020313_172218_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_MET_AX.INFO PCF_IECF	RA2_MET_AXVIEC20020204_073357_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_CST_AX.INFO PCF_IECF	RA2_CST_AXVIEC20020621_135858_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_SOI_AX.INFO PCF_IECF	RA2_SOI_AXVIEC20051003_170000_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_ICT_AX.INFO PCF_IECF	RA2_ICT_AXVIEC20060921_070730_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_SSB_AX.INFO PCF_IECF	RA2_SSB_AXVIEC20051129_111810_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000

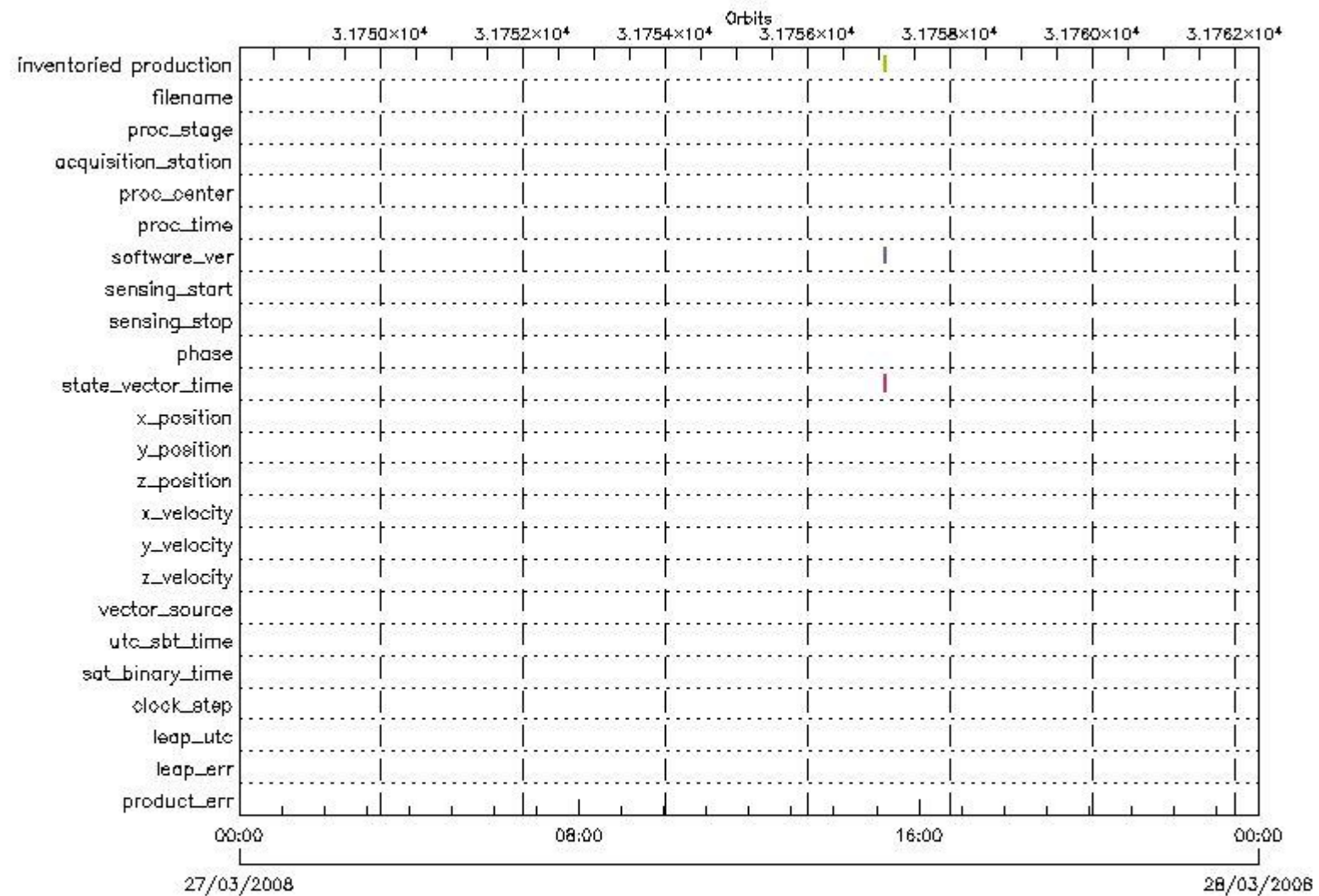
RA2_DIP_AX.INFO PCF_IECF	RA2_DIP_AXVIEC20020122_134206_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_IOC_AX.INFO PCF_IECF	RA2_IOC_AXVIEC20020122_141121_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_SET_AX.INFO PCF_IECF	RA2_SET_AXVIEC20020122_150917_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_OT1_AX.INFO PCF_IECF	RA2_OT1_AXVIEC20040120_082051_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_OT2_AX.INFO PCF_IECF	RA2_OT2_AXVIEC20031208_150159_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_TLD_AX.INFO PCF_IECF	RA2_TLD_AXVIEC20031208_151137_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_GEO_AX.INFO PCF_IECF	RA2_GEO_AXVIEC20020314_093428_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_MSS_AX.INFO PCF_IECF	RA2_MSS_AXVIEC20031208_145545_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_SL1_AX.INFO PCF_IECF	RA2_SL1_AXVIEC20030131_100228_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_SL2_AX.INFO PCF_IECF	RA2_SL2_AXVIEC20030131_101757_20020101_000000_20200101_000000	Corresponding to date 18-MAR-2008 03:00:01.000
RA2_POL_AX.INFO PCF_IECF	RA2_POL_AXVIEC20080325_132022_20020101_000000_20080417_235959	Corresponding to date 26-MAR-2008 03:00:00.000

**Differences with IECF list**

**Gauge** **Value** **Explicit Reference**

## MPH checks (Level 0)

### MPH Errors for RA2\_CAL\_0P



## RA2\_CAL\_0P MPH checks

### 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	27-MAR-2008 15:11:00.674
Filename: RA2_CAL_0PNPDK20080327_151100_000001212067_00140_31757_0972.N1;	27-MAR-2008 15:13:02.101

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. 27-MAR-2008 15:02:45.017983	27-MAR-2008 15:11:00.674
Filename: RA2_CAL_0PNPDK20080327_151100_000001212067_00140_31757_0972.N1;	27-MAR-2008 15:13:02.101

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)

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)

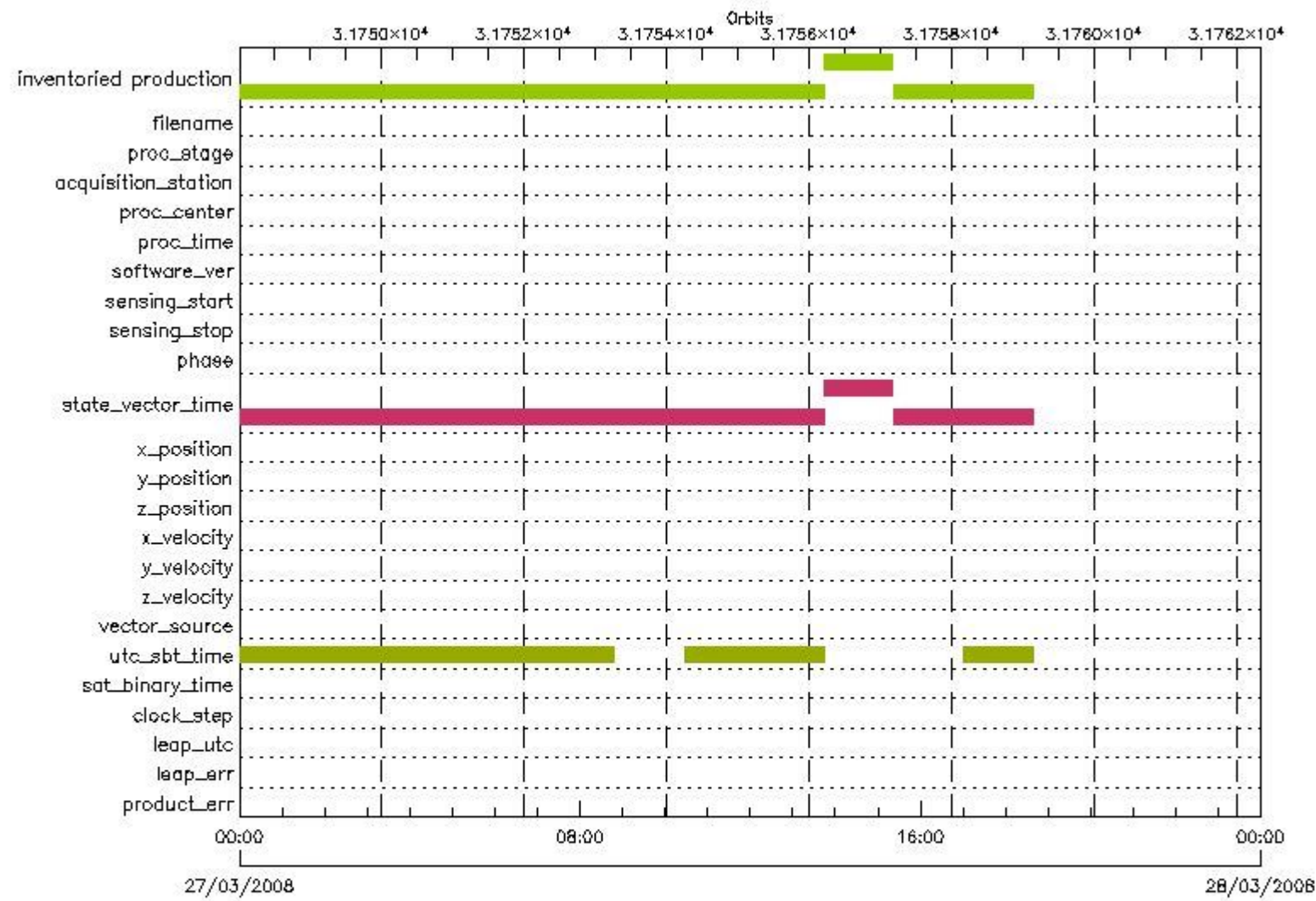
RA2\_CAL\_0P products with leap err set

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 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

Gauge	Segment (Start-Stop)
Warning: Not equal to FPO input. 26-MAR-2008 22:16:45.897712 Filename: DOR_DOP_0PNPDE20080326_223459_000061852067_00130_31747_5680.N1;	26-MAR-2008 22:34:59.549 27-MAR-2008 00:18:04.085
Warning: Not equal to FPO input. 26-MAR-2008 23:57:21.758228 Filename: DOR_DOP_0PNPDE20080327_001907_000059932067_00131_31748_5681.N1;	27-MAR-2008 00:19:07.839 27-MAR-2008 01:59:01.125
Warning: Not equal to FPO input. 27-MAR-2008 01:37:57.624345 Filename: DOR_DOP_0PNPDE20080327_020108_000060572067_00132_31749_5682.N1;	27-MAR-2008 02:01:08.644 27-MAR-2008 03:42:05.665
Warning: Not equal to FPO input. 27-MAR-2008 03:18:33.536963 Filename: DOR_DOP_0PNPDE20080327_034413_000060572067_00133_31750_5683.N1;	27-MAR-2008 03:44:13.172 27-MAR-2008 05:25:10.208
Warning: Not equal to FPO input. 27-MAR-2008 04:59:09.553000 Filename: DOR_DOP_0PNPDK20080327_052613_000060572067_00134_31751_7139.N1;	27-MAR-2008 05:26:13.966 27-MAR-2008 07:07:11.018
Warning: Not equal to FPO input. 27-MAR-2008 06:39:45.542966 Filename: DOR_DOP_0PNPDK20080327_070918_000058662067_00135_31752_7140.N1;	27-MAR-2008 07:09:18.537 27-MAR-2008 08:47:04.311
Warning: Not equal to FPO input. 27-MAR-2008 08:20:21.468450 Filename: DOR_DOP_0PNPDK20080327_084808_000059302067_00136_31753_7141.N1;	27-MAR-2008 08:48:08.069 27-MAR-2008 10:26:57.593
Warning: Not equal to FPO input. 27-MAR-2008 10:00:57.357005 Filename: DOR_DOP_0PNPDK20080327_102801_000059302067_00137_31754_7142.N1;	27-MAR-2008 10:28:01.355 27-MAR-2008 12:06:50.887

Warning: Not equal to FPO input. 27-MAR-2008 11:41:33.213195 Filename: DOR_DOP_0PNPDK20080327_120754_000058022067_00138_31755_7143.N1;	27-MAR-2008 12:07:54.645 27-MAR-2008 13:44:36.653
Warning: Not equal to FPO input. 27-MAR-2008 13:22:09.084090 Filename: DOR_DOP_0PNPDK20080327_134332_000058662067_00139_31756_7144.N1;	27-MAR-2008 13:43:32.899 27-MAR-2008 15:21:18.665
Warning: Not equal to FPO input. 27-MAR-2008 15:02:45.017983 Filename: DOR_DOP_0PNPDK20080327_152222_000058662067_00140_31757_7145.N1;	27-MAR-2008 15:22:22.423 27-MAR-2008 17:00:08.162
Warning: Not equal to FPO input. 27-MAR-2008 16:43:21.026793 Filename: DOR_DOP_0PNPDK20080327_170111_000058662067_00141_31758_7146.N1;	27-MAR-2008 17:01:11.920 27-MAR-2008 18:38:57.682

**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. 24-MAR-2008 21:52:00.267196 Filename: DOR_DOP_0PNPDE20080326_223459_000061852067_00130_31747_5680.N1;	26-MAR-2008 22:34:59.549 27-MAR-2008 00:18:04.085
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: DOR_DOP_0PNPDE20080327_001907_000059932067_00131_31748_5681.N1;	27-MAR-2008 00:19:07.839 27-MAR-2008 01:59:01.125
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: DOR_DOP_0PNPDE20080327_020108_000060572067_00132_31749_5682.N1;	27-MAR-2008 02:01:08.644 27-MAR-2008 03:42:05.665
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: DOR_DOP_0PNPDE20080327_034413_000060572067_00133_31750_5683.N1;	27-MAR-2008 03:44:13.172 27-MAR-2008 05:25:10.208
Warning: Wrong UTC SBT time format. 26-MAR-2008 22:30:31.287408 Filename: DOR_DOP_0PNPDK20080327_052613_000060572067_00134_31751_7139.N1;	27-MAR-2008 05:26:13.966 27-MAR-2008 07:07:11.018
Warning: Wrong UTC SBT time format. 27-MAR-2008 05:25:23.290283 Filename: DOR_DOP_0PNPDK20080327_070918_000058662067_00135_31752_7140.N1;	27-MAR-2008 07:09:18.537 27-MAR-2008 08:47:04.311
Warning: Wrong UTC SBT time format. 27-MAR-2008 08:44:18.291650 Filename: DOR_DOP_0PNPDK20080327_102801_000059302067_00137_31754_7142.N1;	27-MAR-2008 10:28:01.355 27-MAR-2008 12:06:50.887
Warning: Wrong UTC SBT time format. 27-MAR-2008 10:23:56.292338 Filename: DOR_DOP_0PNPDK20080327_120754_000058022067_00138_31755_7143.N1;	27-MAR-2008 12:07:54.645 27-MAR-2008 13:44:36.653



Warning: Wrong UTC SBT time format. 27-MAR-2008 15:20:17.294391  
Filename: DOR\_DOP\_0PNPDK20080327\_170111\_000058662067\_00141\_31758\_7146.N1;

27-MAR-2008 17:01:11.920  
27-MAR-2008 18:38:57.682



**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)**

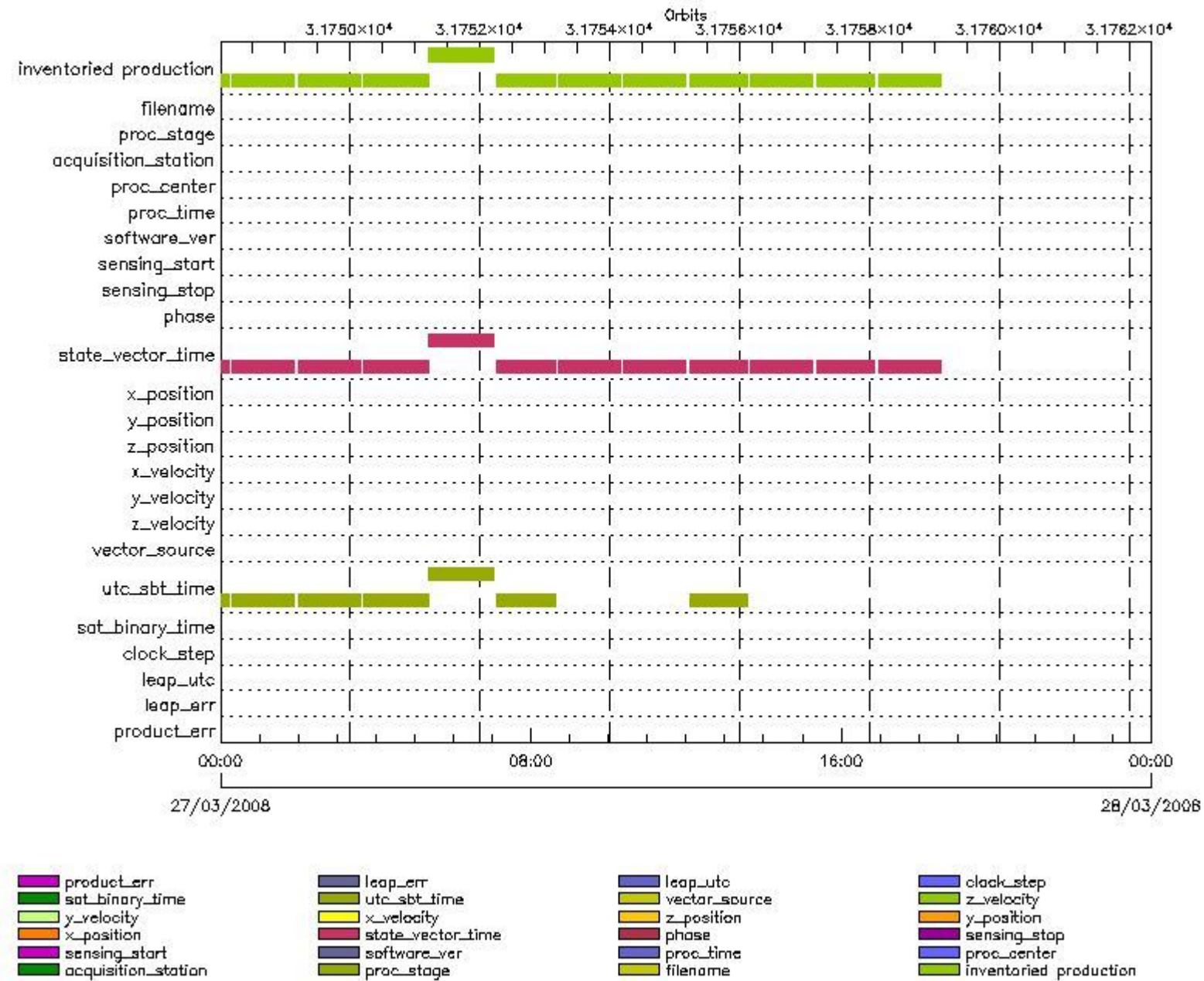
**DOR\_DOP\_0P products with leap err set**

**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. 26-MAR-2008 22:16:45.897712 Filename: DOR_NAV_0PNPDE20080326_223220_000060572067_00130_31747_5280.N1;	26-MAR-2008 22:32:20.151 27-MAR-2008 00:13:17.179
Warning: Not equal to FPO input. 26-MAR-2008 23:57:21.758228 Filename: DOR_NAV_0PNPDE20080327_001835_000057382067_00131_31748_5281.N1;	27-MAR-2008 00:18:35.968 27-MAR-2008 01:54:14.207
Warning: Not equal to FPO input. 27-MAR-2008 01:37:57.624345 Filename: DOR_NAV_0PNPDE20080327_015932_000057382067_00132_31749_5282.N1;	27-MAR-2008 01:59:33.000 27-MAR-2008 03:35:11.231
Warning: Not equal to FPO input. 27-MAR-2008 03:18:33.536963 Filename: DOR_NAV_0PNPDE20080327_034030_000060572067_00133_31750_5283.N1;	27-MAR-2008 03:40:30.024 27-MAR-2008 05:21:27.048
Warning: Not equal to FPO input. 27-MAR-2008 04:59:09.553000 Filename: DOR_NAV_0PNPDK20080327_052127_000060572067_00134_31751_6414.N1;	27-MAR-2008 05:21:27.048 27-MAR-2008 07:02:24.107
Warning: Not equal to FPO input. 27-MAR-2008 06:39:45.542966 Filename: DOR_NAV_0PNPDK20080327_070742_000054192067_00135_31752_6415.N1;	27-MAR-2008 07:07:42.896 27-MAR-2008 08:38:02.370
Warning: Not equal to FPO input. 27-MAR-2008 08:20:21.468450 Filename: DOR_NAV_0PNPDK20080327_084321_000057382067_00136_31753_6416.N1;	27-MAR-2008 08:43:21.159 27-MAR-2008 10:18:59.402
Warning: Not equal to FPO input. 27-MAR-2008 10:00:57.357005 Filename: DOR_NAV_0PNPDK20080327_102418_000057382067_00137_31754_6417.N1;	27-MAR-2008 10:24:18.195 27-MAR-2008 11:59:56.465
Warning: Not equal to FPO input. 27-MAR-2008 11:41:33.213195 Filename: DOR_NAV_0PNPDK20080327_120515_000054192067_00138_31755_6418.N1;	27-MAR-2008 12:05:15.250 27-MAR-2008 13:35:34.712
Warning: Not equal to FPO input. 27-MAR-2008 13:22:09.084090 Filename: DOR_NAV_0PNPDK20080327_134053_000057382067_00139_31756_6419.N1;	27-MAR-2008 13:40:53.501 27-MAR-2008 15:16:31.747
Warning: Not equal to FPO input. 27-MAR-2008 15:02:45.017983 Filename: DOR_NAV_0PNPDK20080327_152150_000054192067_00140_31757_6420.N1;	27-MAR-2008 15:21:50.544 27-MAR-2008 16:52:09.979
Warning: Not equal to FPO input. 27-MAR-2008 16:43:21.026793 Filename: DOR_NAV_0PNPDK20080327_165728_000057382067_00141_31758_6421.N1;	27-MAR-2008 16:57:28.760 27-MAR-2008 18:33:07.014

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**

<b>Gauge</b>	<b>Segment (Start-Stop)</b>
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: DOR_NAV_0PNPDE20080326_223220_000060572067_00130_31747_5280.N1;	26-MAR-2008 22:32:20.151 27-MAR-2008 00:13:17.179
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: DOR_NAV_0PNPDE20080327_001835_000057382067_00131_31748_5281.N1;	27-MAR-2008 00:18:35.968 27-MAR-2008 01:54:14.207
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: DOR_NAV_0PNPDE20080327_015932_000057382067_00132_31749_5282.N1;	27-MAR-2008 01:59:33.000 27-MAR-2008 03:35:11.231
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: DOR_NAV_0PNPDE20080327_034030_000060572067_00133_31750_5283.N1;	27-MAR-2008 03:40:30.024 27-MAR-2008 05:21:27.048
Warning: Wrong UTC SBT time format. 26-MAR-2008 22:30:31.287408 Filename: DOR_NAV_0PNPDK20080327_052127_000060572067_00134_31751_6414.N1;	27-MAR-2008 05:21:27.048 27-MAR-2008 07:02:24.107
Warning: Wrong UTC SBT time format. 27-MAR-2008 05:25:23.290283 Filename: DOR_NAV_0PNPDK20080327_070742_000054192067_00135_31752_6415.N1;	27-MAR-2008 07:07:42.896 27-MAR-2008 08:38:02.370
Warning: Wrong UTC SBT time format. 27-MAR-2008 10:23:56.292338 Filename: DOR_NAV_0PNPDK20080327_120515_000054192067_00138_31755_6418.N1;	27-MAR-2008 12:05:15.250 27-MAR-2008 13:35:34.712

**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)**

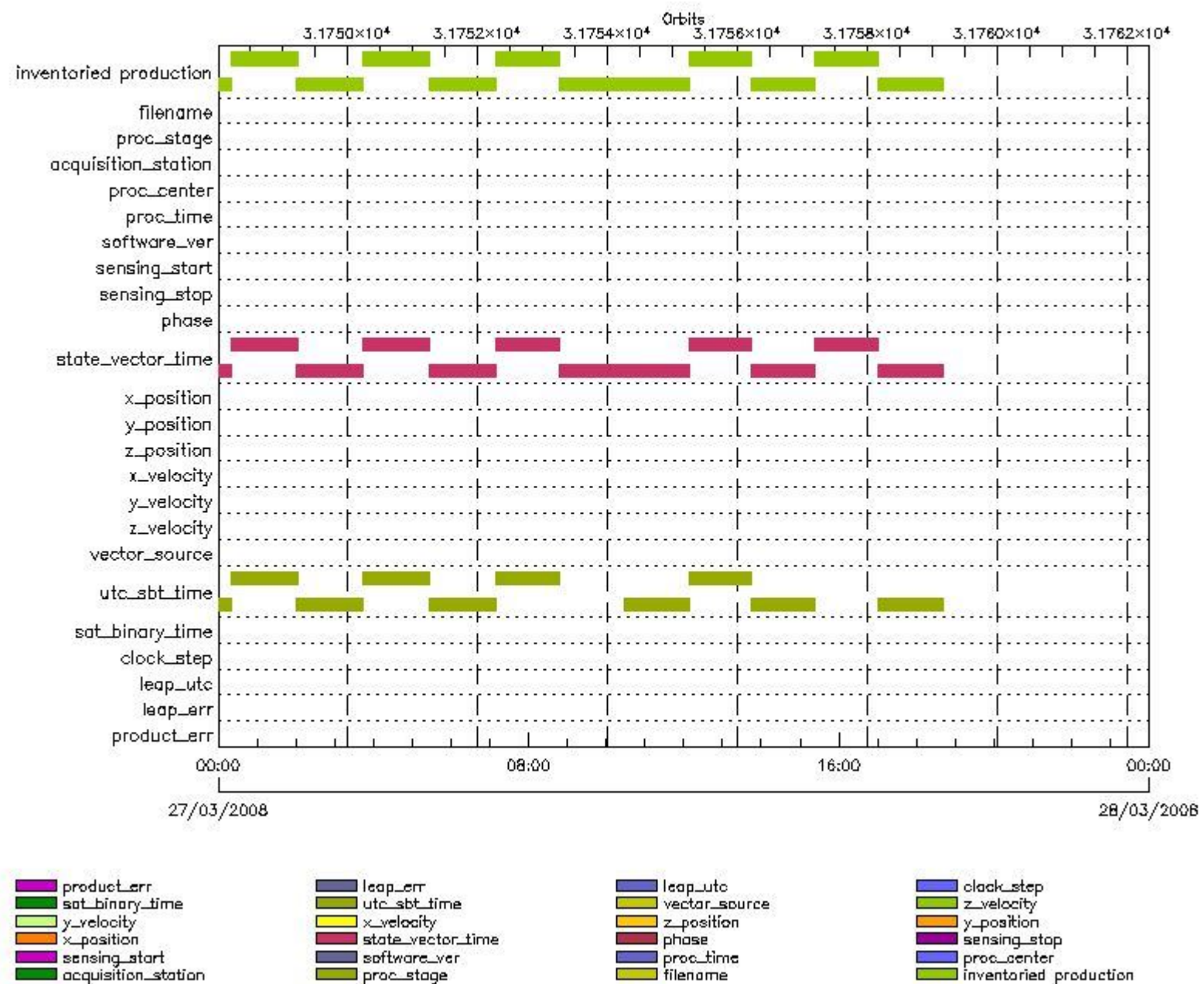
**DOR\_NAV\_0P products with leap err set**

**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. 26-MAR-2008 22:16:45.897712 Filename: MWR_NL__0PNPDE20080326_223535_000062402067_00130_31747_5675.N1;	26-MAR-2008 22:35:35.713 27-MAR-2008 00:19:35.882
Warning: Not equal to FPO input. 26-MAR-2008 23:57:21.758228 Filename: MWR_NL__0PNPDE20080327_001911_000061682067_00131_31748_5676.N1;	27-MAR-2008 00:19:11.874 27-MAR-2008 02:02:00.039
Warning: Not equal to FPO input. 27-MAR-2008 01:37:57.624345 Filename: MWR_NL__0PNPDE20080327_020136_000061442067_00132_31749_5677.N1;	27-MAR-2008 02:01:36.039 27-MAR-2008 03:44:00.204
Warning: Not equal to FPO input. 27-MAR-2008 03:18:33.536963 Filename: MWR_NL__0PNPDE20080327_034400_000061442067_00133_31750_5678.N1;	27-MAR-2008 03:44:00.204 27-MAR-2008 05:26:24.372
Warning: Not equal to FPO input. 27-MAR-2008 04:59:09.553000 Filename: MWR_NL__0PNPDK20080327_052624_000061682067_00134_31751_7024.N1;	27-MAR-2008 05:26:24.372 27-MAR-2008 07:09:12.533
Warning: Not equal to FPO input. 27-MAR-2008 06:39:45.542966 Filename: MWR_NL__0PNPDK20080327_070912_000059282067_00135_31752_7025.N1;	27-MAR-2008 07:09:12.533 27-MAR-2008 08:48:00.694
Warning: Not equal to FPO input. 27-MAR-2008 08:20:21.468450 Filename: MWR_NL__0PNPDK20080327_084800_000060242067_00136_31753_7026.N1;	27-MAR-2008 08:48:00.694 27-MAR-2008 10:28:24.855
Warning: Not equal to FPO input. 27-MAR-2008 10:00:57.357005 Filename: MWR_NL__0PNPDK20080327_102848_000059762067_00137_31754_7027.N1;	27-MAR-2008 10:28:48.855 27-MAR-2008 12:08:25.016
Warning: Not equal to FPO input. 27-MAR-2008 11:41:33.213195 Filename: MWR_NL__0PNPDK20080327_120801_000058322067_00138_31755_7028.N1;	27-MAR-2008 12:08:01.020 27-MAR-2008 13:45:13.173
Warning: Not equal to FPO input. 27-MAR-2008 13:22:09.084090 Filename: MWR_NL__0PNPDK20080327_134401_000059282067_00139_31756_7029.N1;	27-MAR-2008 13:44:01.177 27-MAR-2008 15:22:49.330
Warning: Not equal to FPO input. 27-MAR-2008 15:02:45.017983 Filename: MWR_NL__0PNPDK20080327_152249_000059522067_00140_31757_7030.N1;	27-MAR-2008 15:22:49.330 27-MAR-2008 17:02:01.490
Warning: Not equal to FPO input. 27-MAR-2008 16:43:21.026793 Filename: MWR_NL__0PNPDK20080327_170137_000059282067_00141_31758_7031.N1;	27-MAR-2008 17:01:37.490 27-MAR-2008 18:40:25.647

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**

Gauge	Segment (Start-Stop)
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: MWR_NL__0PNPDE20080326_223535_000062402067_00130_31747_5675.N1;	26-MAR-2008 22:35:35.713 27-MAR-2008 00:19:35.882
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: MWR_NL__0PNPDE20080327_001911_000061682067_00131_31748_5676.N1;	27-MAR-2008 00:19:11.874 27-MAR-2008 02:02:00.039
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: MWR_NL__0PNPDE20080327_020136_000061442067_00132_31749_5677.N1;	27-MAR-2008 02:01:36.039 27-MAR-2008 03:44:00.204
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: MWR_NL__0PNPDE20080327_034400_000061442067_00133_31750_5678.N1;	27-MAR-2008 03:44:00.204 27-MAR-2008 05:26:24.372
Warning: Wrong UTC SBT time format. 26-MAR-2008 22:30:31.287408 Filename: MWR_NL__0PNPDK20080327_052624_000061682067_00134_31751_7024.N1;	27-MAR-2008 05:26:24.372 27-MAR-2008 07:09:12.533
Warning: Wrong UTC SBT time format. 27-MAR-2008 05:25:23.290283 Filename: MWR_NL__0PNPDK20080327_070912_000059282067_00135_31752_7025.N1;	27-MAR-2008 07:09:12.533 27-MAR-2008 08:48:00.694
Warning: Wrong UTC SBT time format. 27-MAR-2008 08:44:18.291650 Filename: MWR_NL__0PNPDK20080327_102848_000059762067_00137_31754_7027.N1;	27-MAR-2008 10:28:48.855 27-MAR-2008 12:08:25.016
Warning: Wrong UTC SBT time format. 27-MAR-2008 10:23:56.292338 Filename: MWR_NL__0PNPDK20080327_120801_000058322067_00138_31755_7028.N1;	27-MAR-2008 12:08:01.020 27-MAR-2008 13:45:13.173
Warning: Wrong UTC SBT time format. 27-MAR-2008 12:03:14.293029 Filename: MWR_NL__0PNPDK20080327_134401_000059282067_00139_31756_7029.N1;	27-MAR-2008 13:44:01.177 27-MAR-2008 15:22:49.330
Warning: Wrong UTC SBT time format. 27-MAR-2008 15:20:17.294391 Filename: MWR_NL__0PNPDK20080327_170137_000059282067_00141_31758_7031.N1;	27-MAR-2008 17:01:37.490 27-MAR-2008 18:40:25.647

**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**

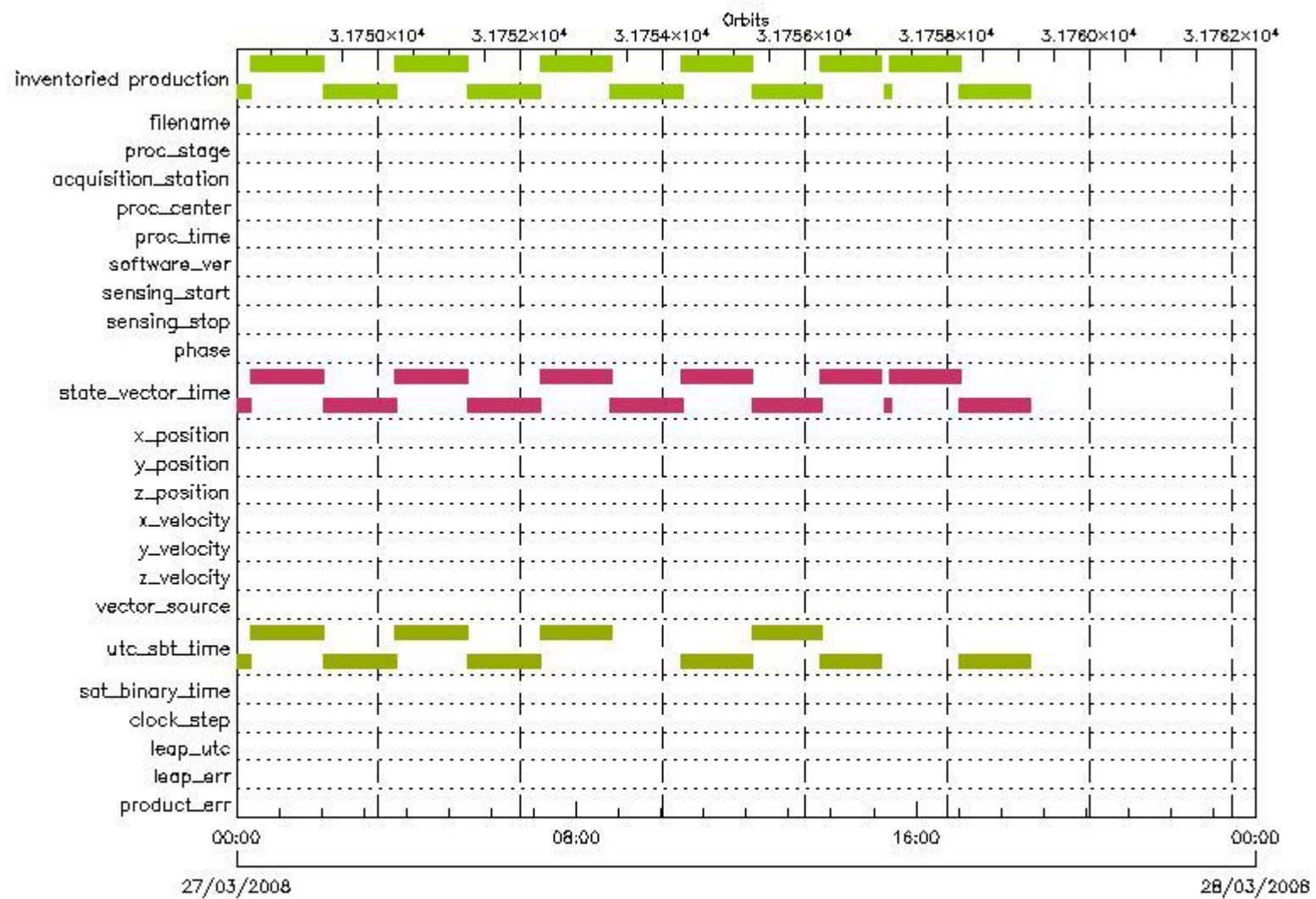
**Gauge Segment (Start-Stop)**

**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. 26-MAR-2008 22:16:45.897712 Filename: RA2_ME__0PNPDE20080326_223541_000062942067_00130_31747_6304.N1;	26-MAR-2008 22:35:41.608 27-MAR-2008 00:20:35.708
Warning: Not equal to FPO input. 26-MAR-2008 23:57:21.758228 Filename: RA2_ME__0PNPDE20080327_001929_000062062067_00131_31748_6306.N1;	27-MAR-2008 00:19:29.982 27-MAR-2008 02:02:56.076
Warning: Not equal to FPO input. 27-MAR-2008 01:37:57.624345 Filename: RA2_ME__0PNPDE20080327_020155_000061782067_00132_31749_6308.N1;	27-MAR-2008 02:01:55.920 27-MAR-2008 03:44:54.163
Warning: Not equal to FPO input. 27-MAR-2008 03:18:33.536963 Filename: RA2_ME__0PNPDE20080327_034412_000061842067_00133_31750_6310.N1;	27-MAR-2008 03:44:12.945 27-MAR-2008 05:27:16.759
Warning: Not equal to FPO input. 27-MAR-2008 04:59:09.553000 Filename: RA2_ME__0PNPDK20080327_052642_000062152067_00134_31751_8240.N1;	27-MAR-2008 05:26:42.225 27-MAR-2008 07:10:17.231
Warning: Not equal to FPO input. 27-MAR-2008 06:39:45.542966 Filename: RA2_ME__0PNPDK20080327_070929_000059752067_00135_31752_8241.N1;	27-MAR-2008 07:09:29.329 27-MAR-2008 08:49:04.825
Warning: Not equal to FPO input. 27-MAR-2008 08:20:21.468450 Filename: RA2_ME__0PNPDK20080327_084818_000060712067_00136_31753_8242.N1;	27-MAR-2008 08:48:18.037 27-MAR-2008 10:29:29.337
Warning: Not equal to FPO input. 27-MAR-2008 10:00:57.357005 Filename: RA2_ME__0PNPDK20080327_102854_000060162067_00137_31754_8243.N1;	27-MAR-2008 10:28:54.803 27-MAR-2008 12:09:10.403
Warning: Not equal to FPO input. 27-MAR-2008 11:41:33.213195 Filename: RA2_ME__0PNPDK20080327_120823_000058702067_00138_31755_8244.N1;	27-MAR-2008 12:08:23.615 27-MAR-2008 13:46:13.281
Warning: Not equal to FPO input. 27-MAR-2008 13:22:09.084090 Filename: RA2_ME__0PNPDK20080327_134408_000052002067_00139_31756_8245.N1;	27-MAR-2008 13:44:08.513 27-MAR-2008 15:10:48.665
Warning: Not equal to FPO input. 27-MAR-2008 15:02:45.017983 Filename: RA2_ME__0PNPDK20080327_151427_000005702067_00140_31757_8246.N1;	27-MAR-2008 15:14:27.490 27-MAR-2008 15:23:57.858
Warning: Not equal to FPO input. 27-MAR-2008 15:02:45.017983 Filename: RA2_ME__0PNPDK20080327_152251_000059922067_00140_31757_8247.N1;	27-MAR-2008 15:22:51.018 27-MAR-2008 17:02:43.224

Warning: Not equal to FPO input. 27-MAR-2008 16:43:21.026793  
 Filename: RA2\_ME\_\_0PNPDK20080327\_170137\_000059822067\_00141\_31758\_8248.N1; 27-MAR-2008 17:01:37.498  
 27-MAR-2008 18:41:19.678

**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**

Gauge	Segment (Start-Stop)
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: RA2_ME__0PNPDE20080326_223541_000062942067_00130_31747_6304.N1;	26-MAR-2008 22:35:41.608 27-MAR-2008 00:20:35.708
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: RA2_ME__0PNPDE20080327_001929_000062062067_00131_31748_6306.N1;	27-MAR-2008 00:19:29.982 27-MAR-2008 02:02:56.076
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: RA2_ME__0PNPDE20080327_020155_000061782067_00132_31749_6308.N1;	27-MAR-2008 02:01:55.920 27-MAR-2008 03:44:54.163
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: RA2_ME__0PNPDE20080327_034412_000061842067_00133_31750_6310.N1;	27-MAR-2008 03:44:12.945 27-MAR-2008 05:27:16.759
Warning: Wrong UTC SBT time format. 26-MAR-2008 22:30:31.287408 Filename: RA2_ME__0PNPDK20080327_052642_000062152067_00134_31751_8240.N1;	27-MAR-2008 05:26:42.225 27-MAR-2008 07:10:17.231
Warning: Wrong UTC SBT time format. 27-MAR-2008 05:25:23.290283 Filename: RA2_ME__0PNPDK20080327_070929_000059752067_00135_31752_8241.N1;	27-MAR-2008 07:09:29.329 27-MAR-2008 08:49:04.825
Warning: Wrong UTC SBT time format. 27-MAR-2008 08:44:18.291650 Filename: RA2_ME__0PNPDK20080327_102854_000060162067_00137_31754_8243.N1;	27-MAR-2008 10:28:54.803 27-MAR-2008 12:09:10.403
Warning: Wrong UTC SBT time format. 27-MAR-2008 10:23:56.292338 Filename: RA2_ME__0PNPDK20080327_120823_000058702067_00138_31755_8244.N1;	27-MAR-2008 12:08:23.615 27-MAR-2008 13:46:13.281
Warning: Wrong UTC SBT time format. 27-MAR-2008 12:03:14.293029 Filename: RA2_ME__0PNPDK20080327_134408_000052002067_00139_31756_8245.N1;	27-MAR-2008 13:44:08.513 27-MAR-2008 15:10:48.665
Warning: Wrong UTC SBT time format. 27-MAR-2008 15:20:17.294391 Filename: RA2_ME__0PNPDK20080327_170137_000059822067_00141_31758_8248.N1;	27-MAR-2008 17:01:37.498 27-MAR-2008 18:41:19.678

**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)

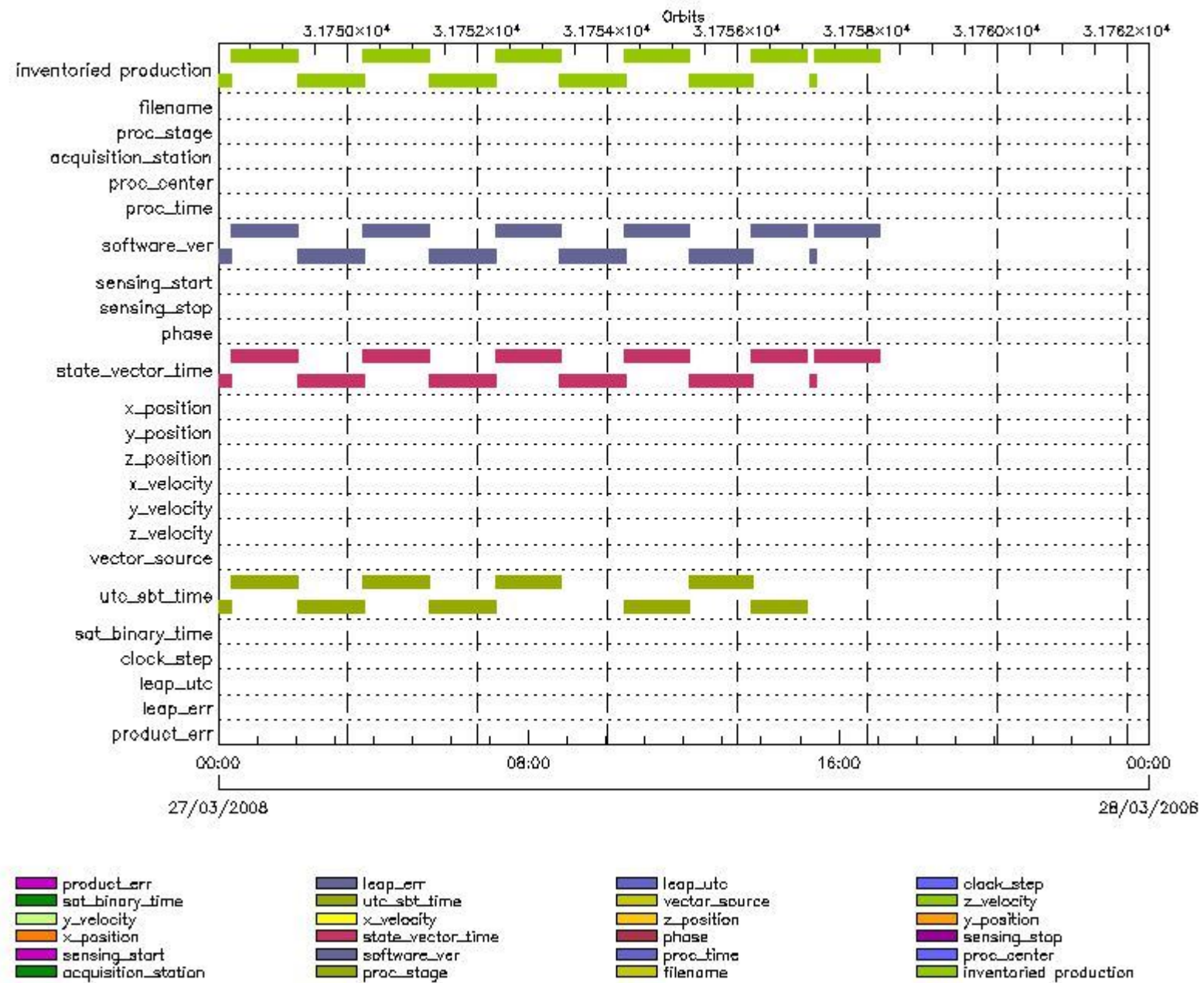
RA2\_ME\_\_0P products with product err set

Gauge Segment (Start-Stop)

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## 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)
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**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__1PNPDE20080326_223541_000062952067_00130_31747_3902.N1;	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDE20080327_001930_000062072067_00131_31748_4022.N1;	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDE20080327_020155_000061792067_00132_31749_4145.N1;	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDE20080327_034412_000061852067_00133_31750_4266.N1;	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080327_052642_000062162067_00134_31751_9961.N1;	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080327_070929_000059772067_00135_31752_0096.N1;	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080327_084818_000060722067_00136_31753_0369.N1;	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080327_102854_000060172067_00137_31754_0474.N1;	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080327_120823_000058712067_00138_31755_0628.N1;	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080327_134408_000052012067_00139_31756_0779.N1;	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080327_151427_000005712067_00140_31757_0782.N1;	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_MW__1PNPDK20080327_152251_000059932067_00140_31757_0977.N1;	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308

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

Gauge	Segment (Start-Stop)
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**RA2\_MW\_\_1P products with wrong sensing stop**

Gauge	Segment (Start-Stop)
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**RA2\_MW\_\_1P products with wrong phase**

Gauge	Segment (Start-Stop)
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**RA2\_MW\_\_1P products with wrong state vector time**

Gauge	Segment (Start-Stop)
Warning: Not equal to FPO input. 26-MAR-2008 23:57:22.462765 Filename: RA2_MW__1PNPDE20080326_223541_000062952067_00130_31747_3902.N1;	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791
Warning: Not equal to FPO input. 27-MAR-2008 01:37:58.329915 Filename: RA2_MW__1PNPDE20080327_001930_000062072067_00131_31748_4022.N1;	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
Warning: Not equal to FPO input. 27-MAR-2008 03:18:34.243494 Filename: RA2_MW__1PNPDE20080327_020155_000061792067_00132_31749_4145.N1;	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
Warning: Not equal to FPO input. 27-MAR-2008 04:59:10.260263 Filename: RA2_MW__1PNPDE20080327_034412_000061852067_00133_31750_4266.N1;	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843

Warning: Not equal to FPO input. 27-MAR-2008 06:39:46.250004 Filename: RA2_MW__1PNPDK20080327_052642_000062162067_00134_31751_9961.N1;	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
Warning: Not equal to FPO input. 27-MAR-2008 08:20:22.174805 Filename: RA2_MW__1PNPDK20080327_070929_000059772067_00135_31752_0096.N1;	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
Warning: Not equal to FPO input. 27-MAR-2008 10:00:58.062523 Filename: RA2_MW__1PNPDK20080327_084818_000060722067_00136_31753_0369.N1;	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420
Warning: Not equal to FPO input. 27-MAR-2008 11:41:33.919095 Filename: RA2_MW__1PNPDK20080327_102854_000060172067_00137_31754_0474.N1;	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
Warning: Not equal to FPO input. 27-MAR-2008 13:22:09.788152 Filename: RA2_MW__1PNPDK20080327_120823_000058712067_00138_31755_0628.N1;	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
Warning: Not equal to FPO input. 27-MAR-2008 15:02:45.723669 Filename: RA2_MW__1PNPDK20080327_134408_000052012067_00139_31756_0779.N1;	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
Warning: Not equal to FPO input. 27-MAR-2008 15:02:45.723669 Filename: RA2_MW__1PNPDK20080327_151427_000005712067_00140_31757_0782.N1;	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942
Warning: Not equal to FPO input. 27-MAR-2008 16:43:21.733636 Filename: RA2_MW__1PNPDK20080327_152251_000059932067_00140_31757_0977.N1;	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308

**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. 24-MAR-2008 21:52:00.267196 Filename: RA2_MW__1PNPDE20080326_223541_000062952067_00130_31747_3902.N1;	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: RA2_MW__1PNPDE20080327_001930_000062072067_00131_31748_4022.N1;	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: RA2_MW__1PNPDE20080327_020155_000061792067_00132_31749_4145.N1;	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: RA2_MW__1PNPDE20080327_034412_000061852067_00133_31750_4266.N1;	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843



Warning: Wrong UTC SBT time format. 26-MAR-2008 22:30:31.287408 Filename: RA2_MW__1PNPDK20080327_052642_000062162067_00134_31751_9961.N1;	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
Warning: Wrong UTC SBT time format. 27-MAR-2008 05:25:23.290283 Filename: RA2_MW__1PNPDK20080327_070929_000059772067_00135_31752_0096.N1;	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
Warning: Wrong UTC SBT time format. 27-MAR-2008 08:44:18.291650 Filename: RA2_MW__1PNPDK20080327_102854_000060172067_00137_31754_0474.N1;	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
Warning: Wrong UTC SBT time format. 27-MAR-2008 10:23:56.292338 Filename: RA2_MW__1PNPDK20080327_120823_000058712067_00138_31755_0628.N1;	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
Warning: Wrong UTC SBT time format. 27-MAR-2008 12:03:14.293029 Filename: RA2_MW__1PNPDK20080327_134408_000052012067_00139_31756_0779.N1;	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748

**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)**

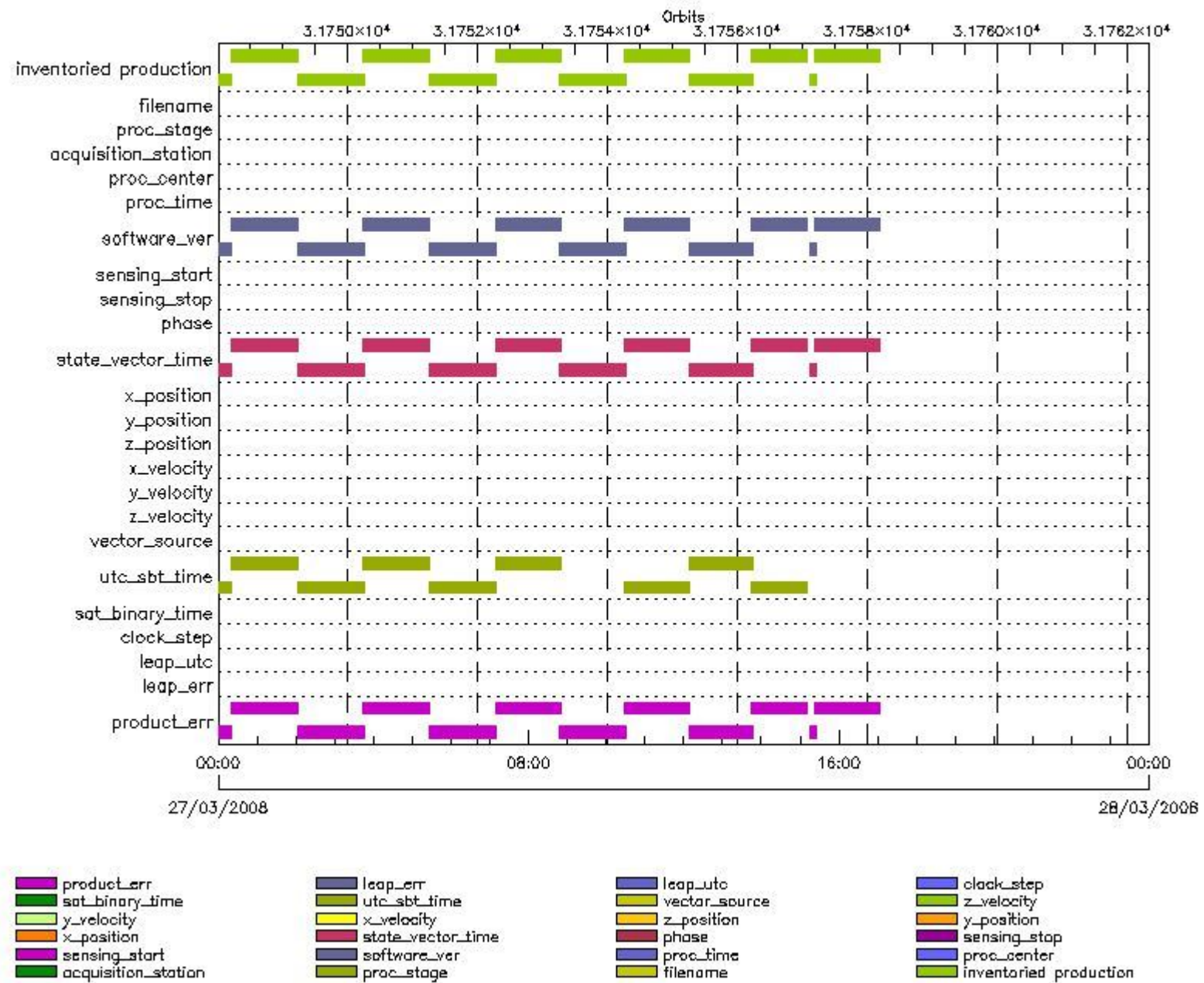
**RA2\_MW\_\_1P products with product err set**

**Gauge Segment (Start-Stop)**

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## MPH checks (Level 2)

### MPH Errors for RA2\_FGD\_2P



## RA2\_FGD\_2P MPH checks

### 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**

Gauge	Segment (Start-Stop)
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDE20080326_223541_000062952067_00130_31747_3903.N1;	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDE20080327_001930_000062072067_00131_31748_4023.N1;	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDE20080327_020155_000061792067_00132_31749_4146.N1;	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDE20080327_034412_000061852067_00133_31750_4267.N1;	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080327_052642_000062162067_00134_31751_9962.N1;	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080327_070929_000059772067_00135_31752_0097.N1;	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080327_084818_000060722067_00136_31753_0370.N1;	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080327_102854_000060172067_00137_31754_0475.N1;	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080327_120823_000058712067_00138_31755_0629.N1;	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080327_134408_000052012067_00139_31756_0780.N1;	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080327_151427_000005712067_00140_31757_0783.N1;	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_FGD_2PNPDK20080327_152251_000059932067_00140_31757_0978.N1;	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308

**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. 26-MAR-2008 23:57:22.462765 Filename: RA2_FGD_2PNPDE20080326_223541_000062952067_00130_31747_3903.N1;	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791
Warning: Not equal to FPO input. 27-MAR-2008 01:37:58.329915 Filename: RA2_FGD_2PNPDE20080327_001930_000062072067_00131_31748_4023.N1;	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
Warning: Not equal to FPO input. 27-MAR-2008 03:18:34.243494 Filename: RA2_FGD_2PNPDE20080327_020155_000061792067_00132_31749_4146.N1;	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
Warning: Not equal to FPO input. 27-MAR-2008 04:59:10.260263 Filename: RA2_FGD_2PNPDE20080327_034412_000061852067_00133_31750_4267.N1;	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843

Warning: Not equal to FPO input. 27-MAR-2008 06:39:46.250004 Filename: RA2_FGD_2PNPDK20080327_052642_000062162067_00134_31751_9962.N1;	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
Warning: Not equal to FPO input. 27-MAR-2008 08:20:22.174805 Filename: RA2_FGD_2PNPDK20080327_070929_000059772067_00135_31752_0097.N1;	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
Warning: Not equal to FPO input. 27-MAR-2008 10:00:58.062523 Filename: RA2_FGD_2PNPDK20080327_084818_000060722067_00136_31753_0370.N1;	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420
Warning: Not equal to FPO input. 27-MAR-2008 11:41:33.919095 Filename: RA2_FGD_2PNPDK20080327_102854_000060172067_00137_31754_0475.N1;	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
Warning: Not equal to FPO input. 27-MAR-2008 13:22:09.788152 Filename: RA2_FGD_2PNPDK20080327_120823_000058712067_00138_31755_0629.N1;	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
Warning: Not equal to FPO input. 27-MAR-2008 15:02:45.723669 Filename: RA2_FGD_2PNPDK20080327_134408_000052012067_00139_31756_0780.N1;	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
Warning: Not equal to FPO input. 27-MAR-2008 15:02:45.723669 Filename: RA2_FGD_2PNPDK20080327_151427_000005712067_00140_31757_0783.N1;	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942
Warning: Not equal to FPO input. 27-MAR-2008 16:43:21.733636 Filename: RA2_FGD_2PNPDK20080327_152251_000059932067_00140_31757_0978.N1;	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308

**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. 24-MAR-2008 21:52:00.267196 Filename: RA2_FGD_2PNPDE20080326_223541_000062952067_00130_31747_3903.N1;	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: RA2_FGD_2PNPDE20080327_001930_000062072067_00131_31748_4023.N1;	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: RA2_FGD_2PNPDE20080327_020155_000061792067_00132_31749_4146.N1;	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: RA2_FGD_2PNPDE20080327_034412_000061852067_00133_31750_4267.N1;	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843



Warning: Wrong UTC SBT time format. 26-MAR-2008 22:30:31.287408 Filename: RA2_FGD_2PNPDK20080327_052642_000062162067_00134_31751_9962.N1;	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
Warning: Wrong UTC SBT time format. 27-MAR-2008 05:25:23.290283 Filename: RA2_FGD_2PNPDK20080327_070929_000059772067_00135_31752_0097.N1;	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
Warning: Wrong UTC SBT time format. 27-MAR-2008 08:44:18.291650 Filename: RA2_FGD_2PNPDK20080327_102854_000060172067_00137_31754_0475.N1;	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
Warning: Wrong UTC SBT time format. 27-MAR-2008 10:23:56.292338 Filename: RA2_FGD_2PNPDK20080327_120823_000058712067_00138_31755_0629.N1;	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
Warning: Wrong UTC SBT time format. 27-MAR-2008 12:03:14.293029 Filename: RA2_FGD_2PNPDK20080327_134408_000052012067_00139_31756_0780.N1;	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748

**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**

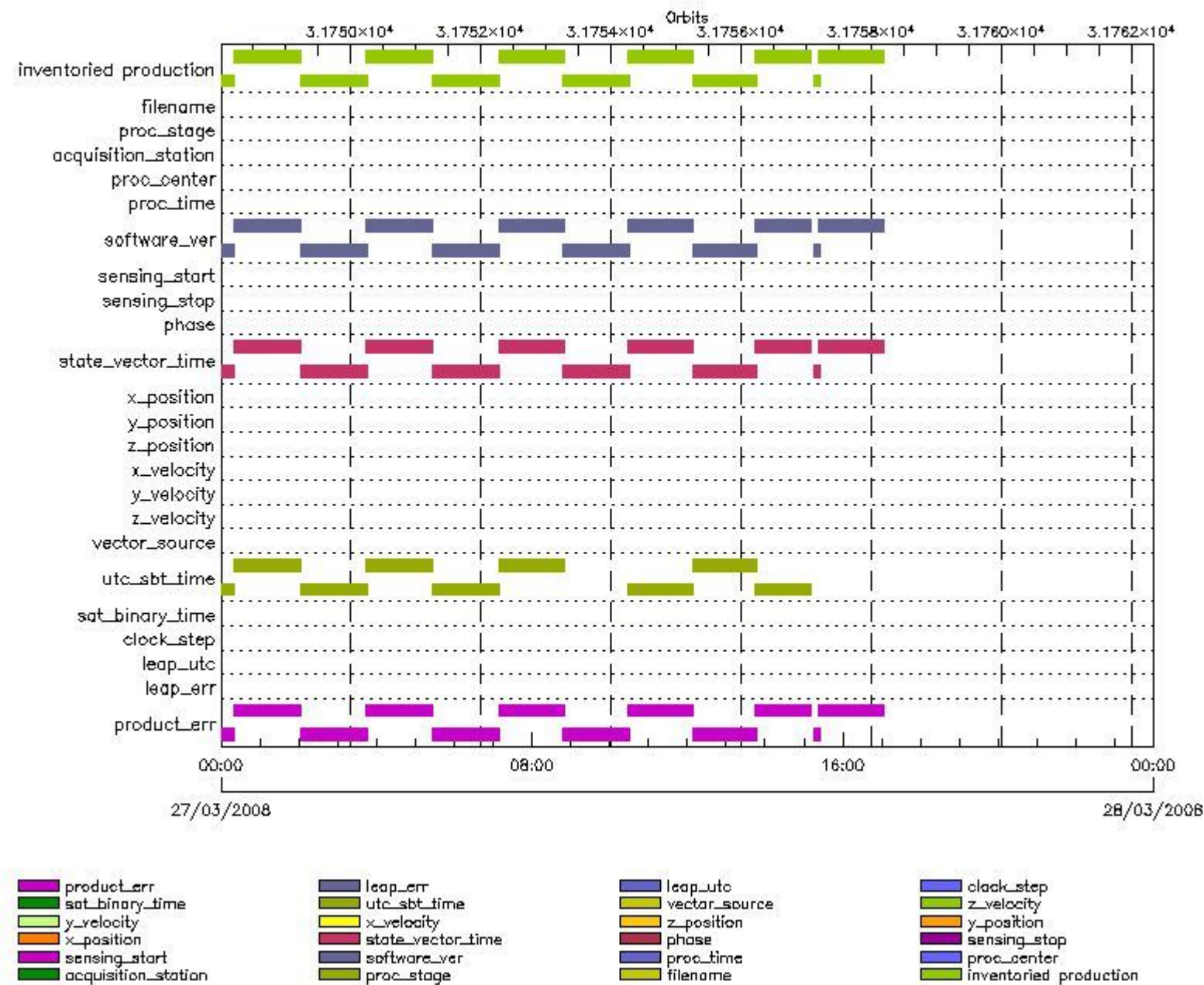
**Gauge Segment (Start-Stop)**

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

Gauge	Segment (Start-Stop)
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDE20080326_223541_000062952067_00130_31747_3903.N1;	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDE20080327_001930_000062072067_00131_31748_4023.N1;	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDE20080327_020155_000061792067_00132_31749_4146.N1;	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDE20080327_034412_000061852067_00133_31750_4267.N1;	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080327_052642_000062162067_00134_31751_9962.N1;	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080327_070929_000059772067_00135_31752_0097.N1;	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080327_084818_000060722067_00136_31753_0370.N1;	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080327_102854_000060172067_00137_31754_0475.N1;	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080327_120823_000058712067_00138_31755_0629.N1;	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080327_134408_000052012067_00139_31756_0780.N1;	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080327_151427_000005712067_00140_31757_0783.N1;	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942
Warning: Product Error flag set. Filename: RA2_FGD_2PNPDK20080327_152251_000059932067_00140_31757_0978.N1;	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308



## 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_2PNPDE20080326_223541_000062952067_00130_31747_3904.N1;	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDE20080327_001930_000062072067_00131_31748_4024.N1;	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDE20080327_020155_000061792067_00132_31749_4147.N1;	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDE20080327_034412_000061852067_00133_31750_4268.N1;	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080327_052642_000062162067_00134_31751_9963.N1;	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080327_070929_000059772067_00135_31752_0098.N1;	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080327_084818_000060722067_00136_31753_0371.N1;	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080327_102854_000060172067_00137_31754_0476.N1;	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080327_120823_000058712067_00138_31755_0630.N1;	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080327_134408_000052012067_00139_31756_0781.N1;	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080327_151427_000005712067_00140_31757_0784.N1;	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942
Warning: Wrong Software ver. RA2/5.06 Filename: RA2_WWV_2PNPDK20080327_152251_000059932067_00140_31757_0979.N1;	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308

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

Gauge	Segment (Start-Stop)
Warning: Not equal to FPO input. 26-MAR-2008 23:57:22.462765 Filename: RA2_WWV_2PNPDE20080326_223541_000062952067_00130_31747_3904.N1;	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791

Warning: Not equal to FPO input. 27-MAR-2008 01:37:58.329915 Filename: RA2_WWV_2PNPDE20080327_001930_000062072067_00131_31748_4024.N1;	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
Warning: Not equal to FPO input. 27-MAR-2008 03:18:34.243494 Filename: RA2_WWV_2PNPDE20080327_020155_000061792067_00132_31749_4147.N1;	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
Warning: Not equal to FPO input. 27-MAR-2008 04:59:10.260263 Filename: RA2_WWV_2PNPDE20080327_034412_000061852067_00133_31750_4268.N1;	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
Warning: Not equal to FPO input. 27-MAR-2008 06:39:46.250004 Filename: RA2_WWV_2PNPDK20080327_052642_000062162067_00134_31751_9963.N1;	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
Warning: Not equal to FPO input. 27-MAR-2008 08:20:22.174805 Filename: RA2_WWV_2PNPDK20080327_070929_000059772067_00135_31752_0098.N1;	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
Warning: Not equal to FPO input. 27-MAR-2008 10:00:58.062523 Filename: RA2_WWV_2PNPDK20080327_084818_000060722067_00136_31753_0371.N1;	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420
Warning: Not equal to FPO input. 27-MAR-2008 11:41:33.919095 Filename: RA2_WWV_2PNPDK20080327_102854_000060172067_00137_31754_0476.N1;	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
Warning: Not equal to FPO input. 27-MAR-2008 13:22:09.788152 Filename: RA2_WWV_2PNPDK20080327_120823_000058712067_00138_31755_0630.N1;	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
Warning: Not equal to FPO input. 27-MAR-2008 15:02:45.723669 Filename: RA2_WWV_2PNPDK20080327_134408_000052012067_00139_31756_0781.N1;	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
Warning: Not equal to FPO input. 27-MAR-2008 15:02:45.723669 Filename: RA2_WWV_2PNPDK20080327_151427_000005712067_00140_31757_0784.N1;	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942
Warning: Not equal to FPO input. 27-MAR-2008 16:43:21.733636 Filename: RA2_WWV_2PNPDK20080327_152251_000059932067_00140_31757_0979.N1;	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308

**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**

Gauge	Segment (Start-Stop)
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: RA2_WWV_2PNPDE20080326_223541_000062952067_00130_31747_3904.N1;	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791

Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: RA2_WWV_2PNPDE20080327_001930_000062072067_00131_31748_4024.N1;	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: RA2_WWV_2PNPDE20080327_020155_000061792067_00132_31749_4147.N1;	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
Warning: Wrong UTC SBT time format. 24-MAR-2008 21:52:00.267196 Filename: RA2_WWV_2PNPDE20080327_034412_000061852067_00133_31750_4268.N1;	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
Warning: Wrong UTC SBT time format. 26-MAR-2008 22:30:31.287408 Filename: RA2_WWV_2PNPDK20080327_052642_000062162067_00134_31751_9963.N1;	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
Warning: Wrong UTC SBT time format. 27-MAR-2008 05:25:23.290283 Filename: RA2_WWV_2PNPDK20080327_070929_000059772067_00135_31752_0098.N1;	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
Warning: Wrong UTC SBT time format. 27-MAR-2008 08:44:18.291650 Filename: RA2_WWV_2PNPDK20080327_102854_000060172067_00137_31754_0476.N1;	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
Warning: Wrong UTC SBT time format. 27-MAR-2008 10:23:56.292338 Filename: RA2_WWV_2PNPDK20080327_120823_000058712067_00138_31755_0630.N1;	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
Warning: Wrong UTC SBT time format. 27-MAR-2008 12:03:14.293029 Filename: RA2_WWV_2PNPDK20080327_134408_000052012067_00139_31756_0781.N1;	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748

**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_2PNPDE20080326_223541_000062952067_00130_31747_3904.N1;	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDE20080327_001930_000062072067_00131_31748_4024.N1;	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDE20080327_020155_000061792067_00132_31749_4147.N1;	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDE20080327_034412_000061852067_00133_31750_4268.N1;	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080327_052642_000062162067_00134_31751_9963.N1;	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080327_070929_000059772067_00135_31752_0098.N1;	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080327_084818_000060722067_00136_31753_0371.N1;	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080327_102854_000060172067_00137_31754_0476.N1;	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080327_120823_000058712067_00138_31755_0630.N1;	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364



Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080327_134408_000052012067_00139_31756_0781.N1;	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080327_151427_000005712067_00140_31757_0784.N1;	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942
Warning: Product Error flag set. Filename: RA2_WWV_2PNPDK20080327_152251_000059932067_00140_31757_0979.N1;	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308

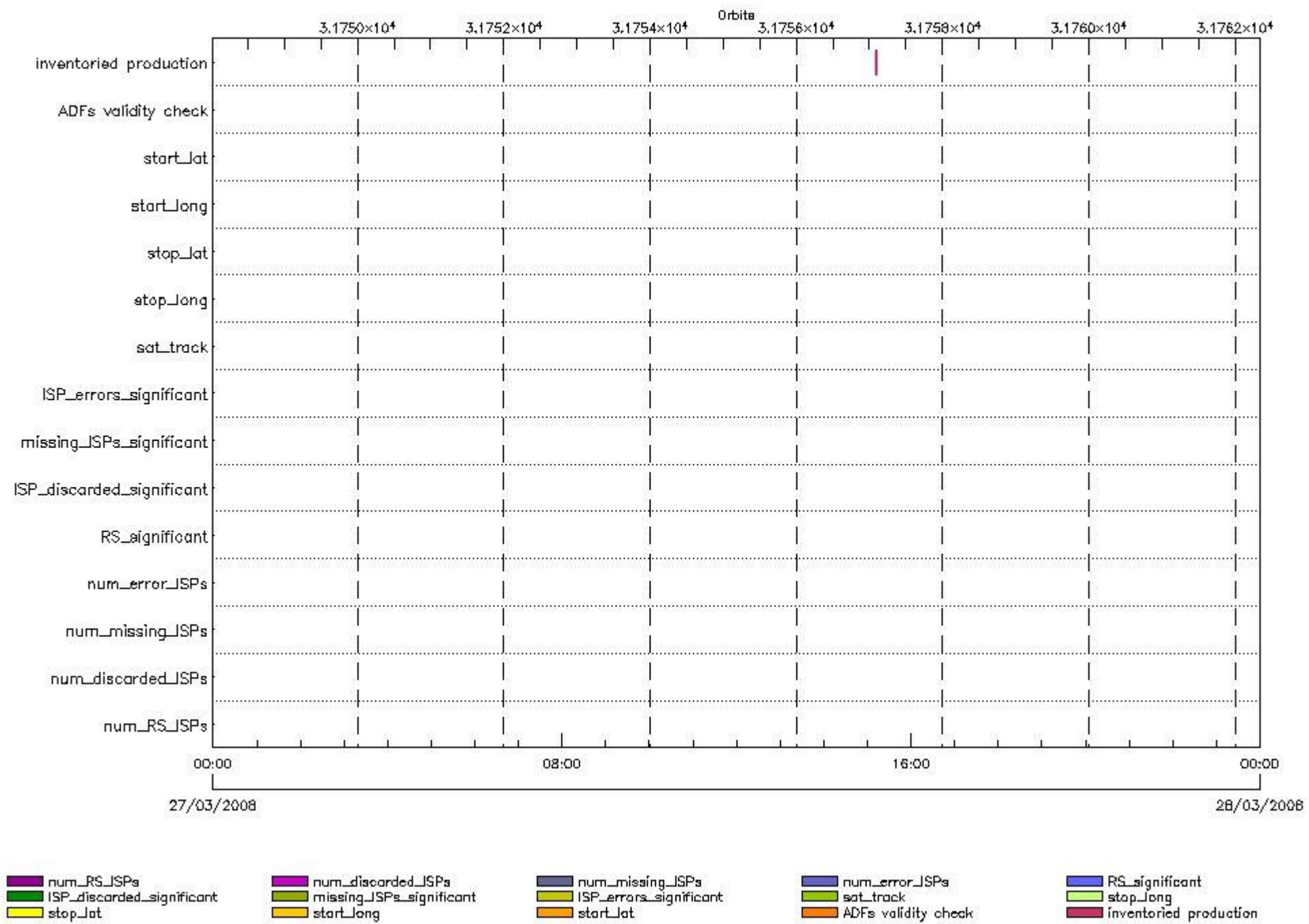
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## SPH checks

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

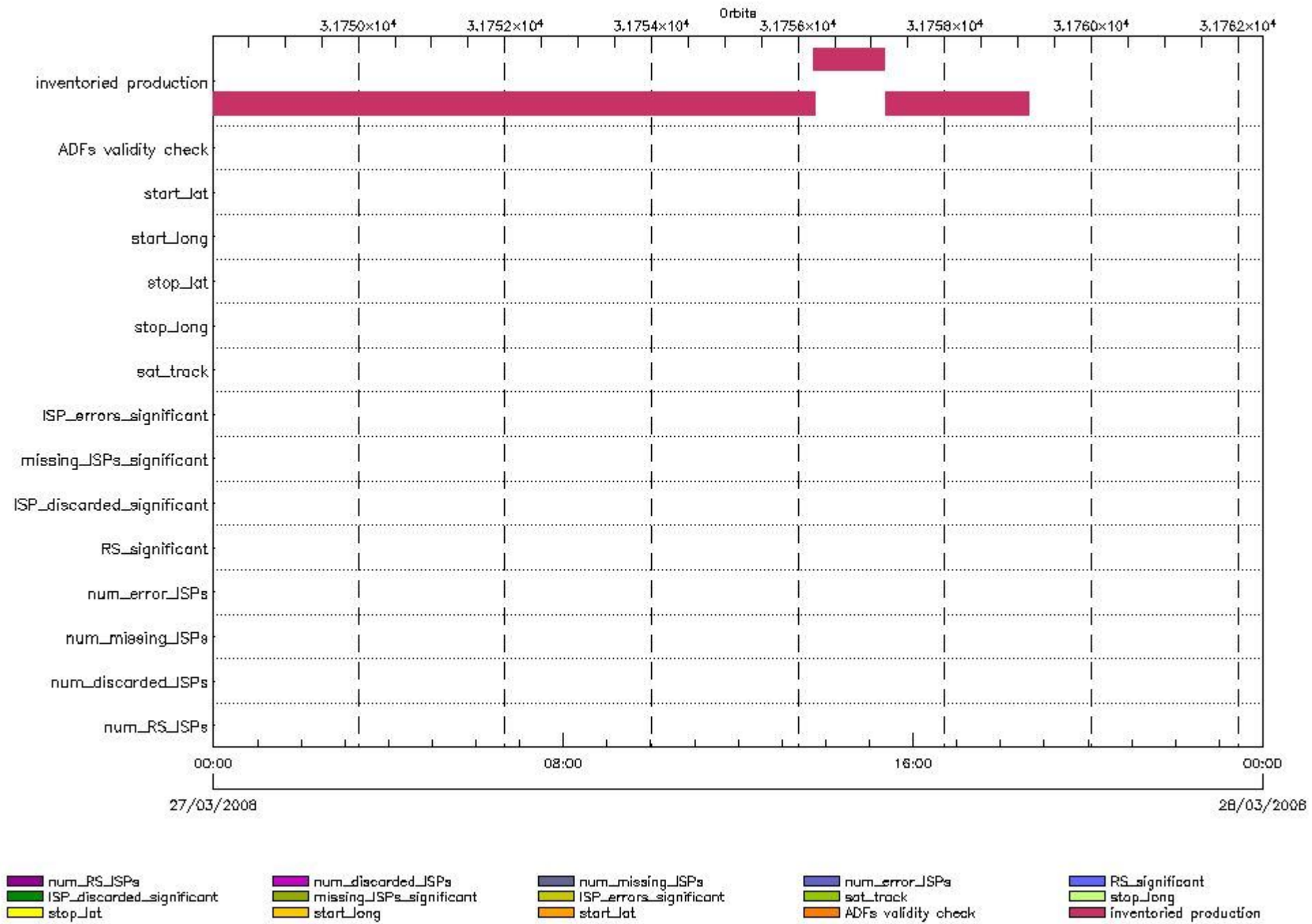
Gauge Value Segment (Start-Stop) Explicit Reference

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

Gauge	Statistics	Segment (Start-Stop)
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Percentage of DOR\_DOP\_0P products with RS\_significant set to 1

Gauge	Value	Segment (Start-Stop)
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DOR\_DOP\_0P products with num\_RS\_ISPs out of range

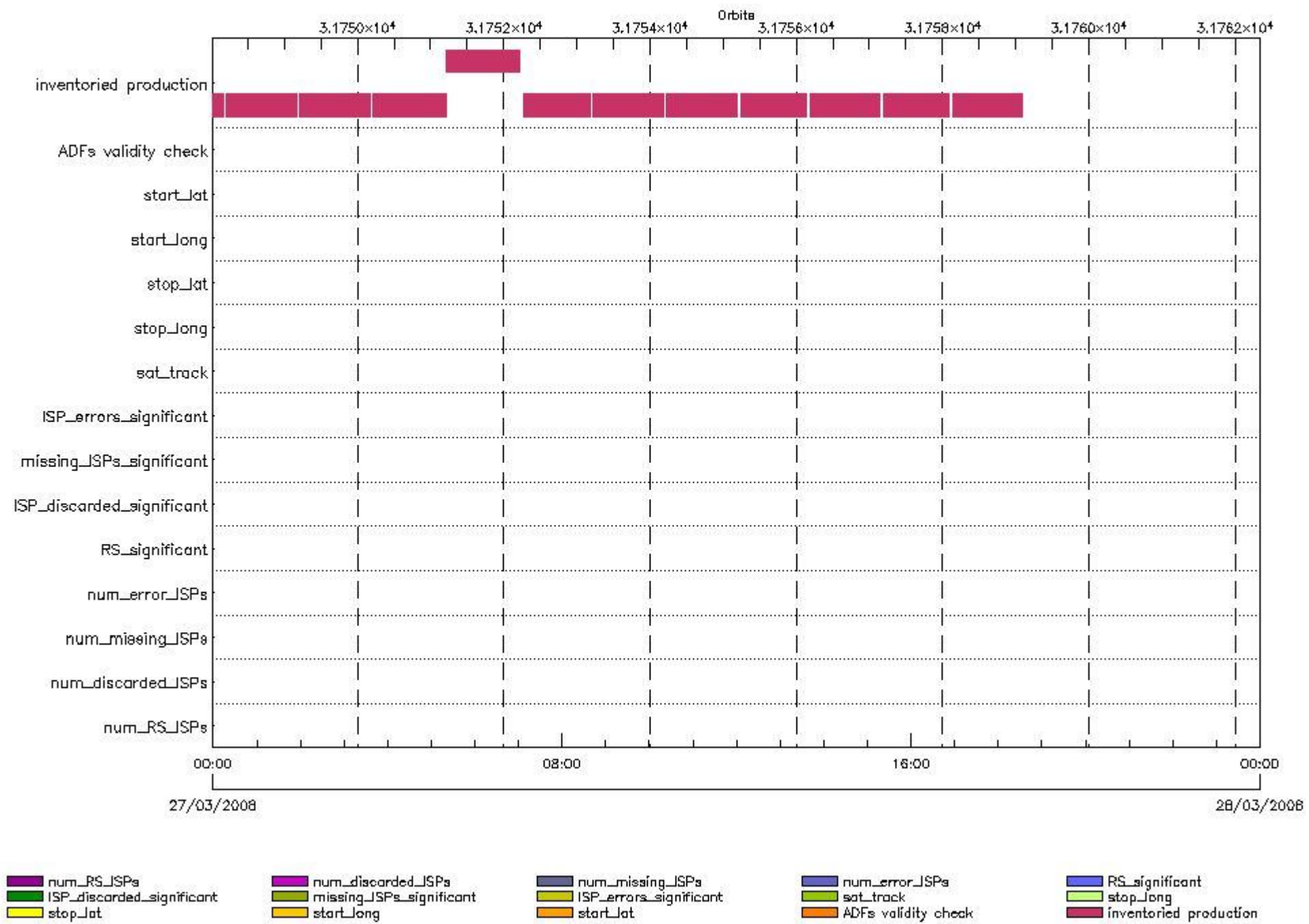
Gauge	Value	Segment (Start-Stop)	Explicit Reference
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Statistics for DOR\_DOP\_0P products with num\_RS\_ISPs out of range

Gauge	Statistics	Segment (Start-Stop)
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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

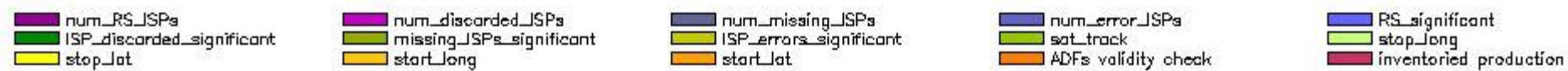
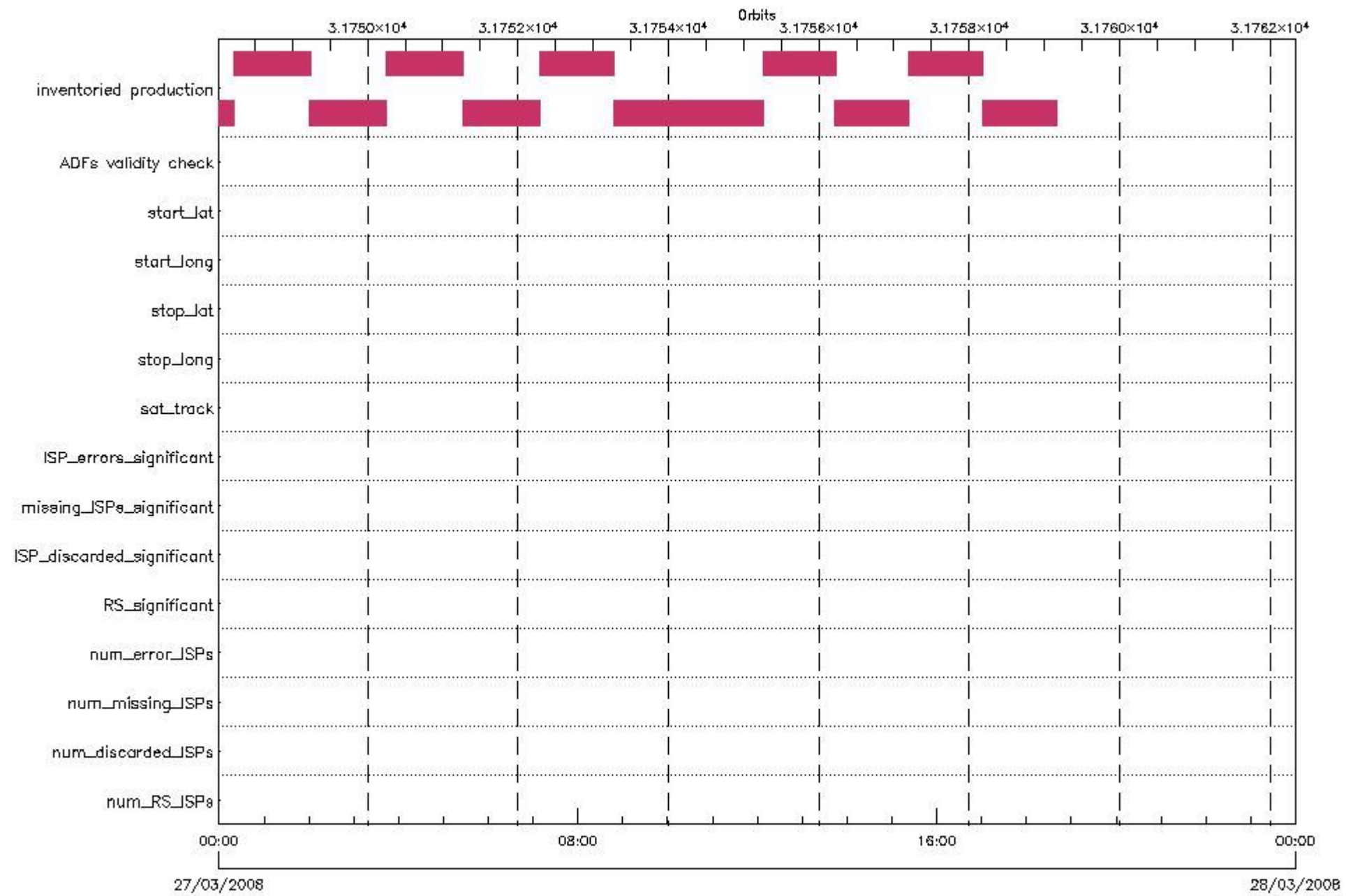
Gauge Value Segment (Start-Stop) Explicit Reference

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	27-MAR-2008 00:00:00.000 28-MAR-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	27-MAR-2008 00:00:00.000 28-MAR-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	27-MAR-2008 00:00:00.000
PCF_MWR_NL__0P		28-MAR-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	27-MAR-2008 00:00:00.000
PCF_MWR_NL__0P		28-MAR-2008 00:00:00.000

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

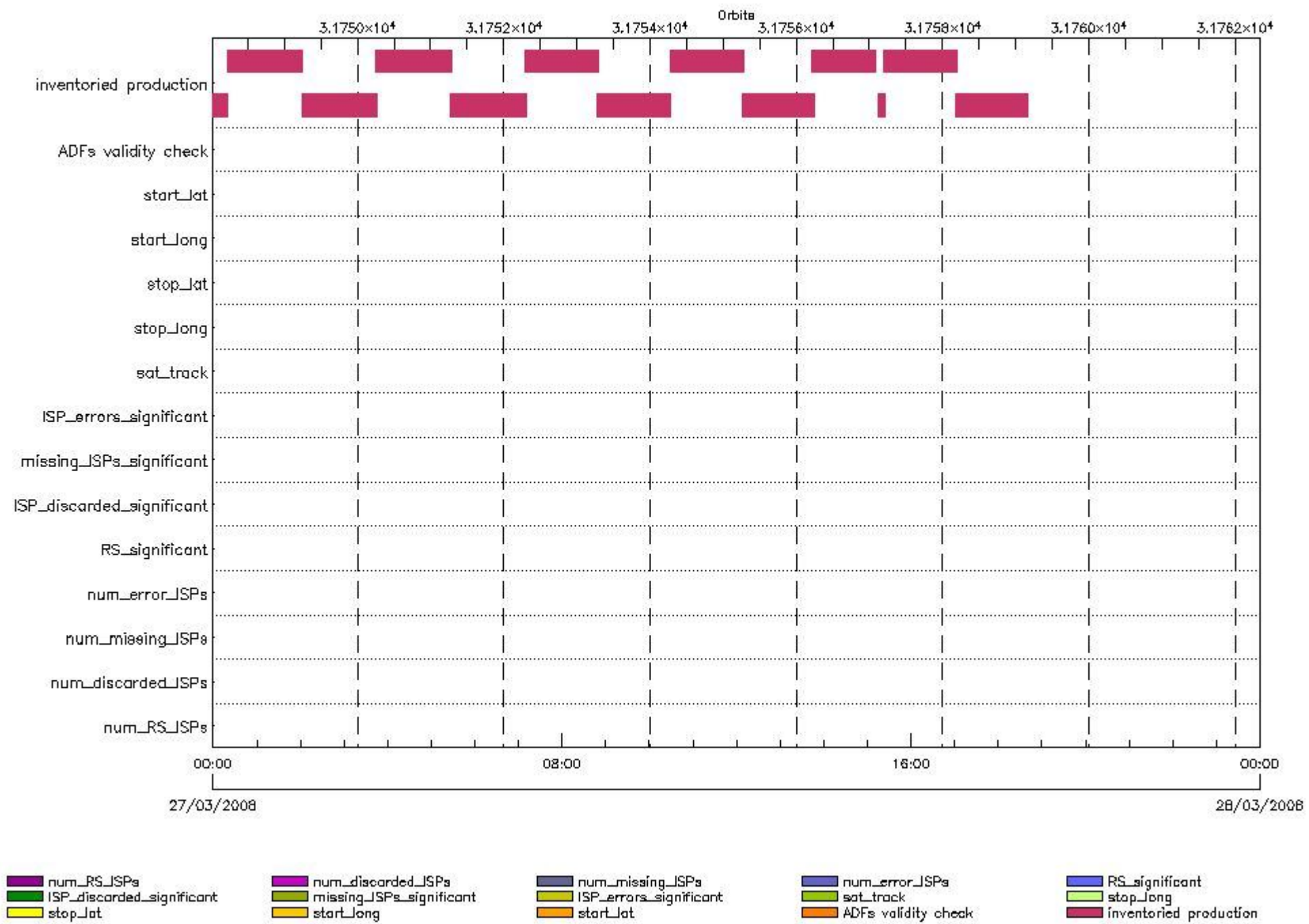
Gauge	Value	Segment (Start-Stop)	Explicit Reference

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

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

Gauge Statistics Segment (Start-Stop)

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

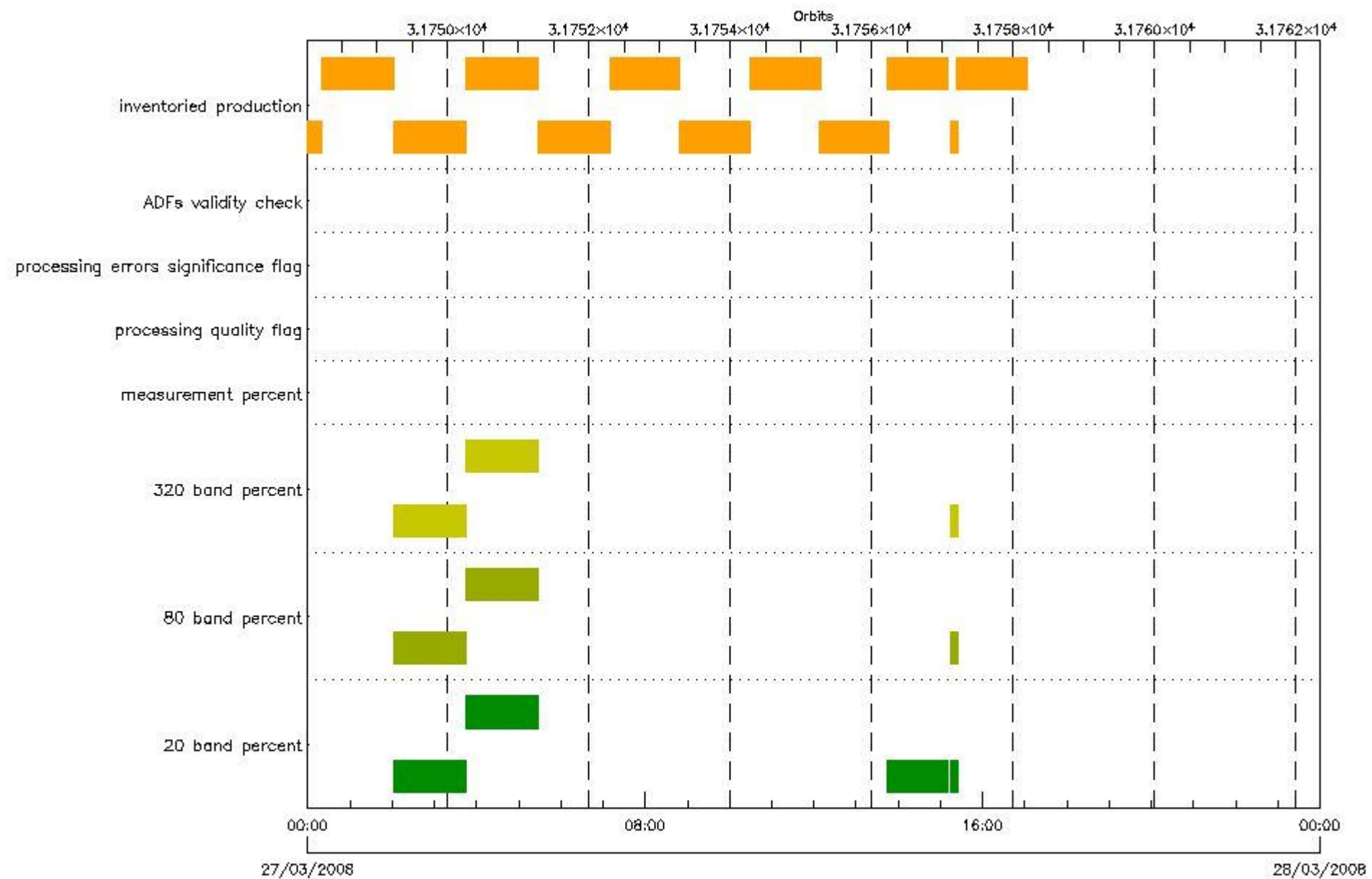
Gauge Statistics Segment (Start-Stop)

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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

**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	8905	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_MW__1P	8619	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_MW__1P	6938	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942

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

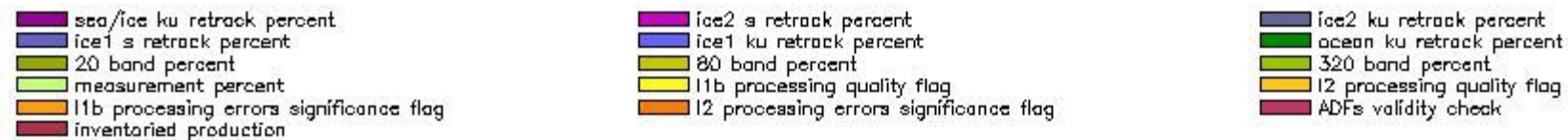
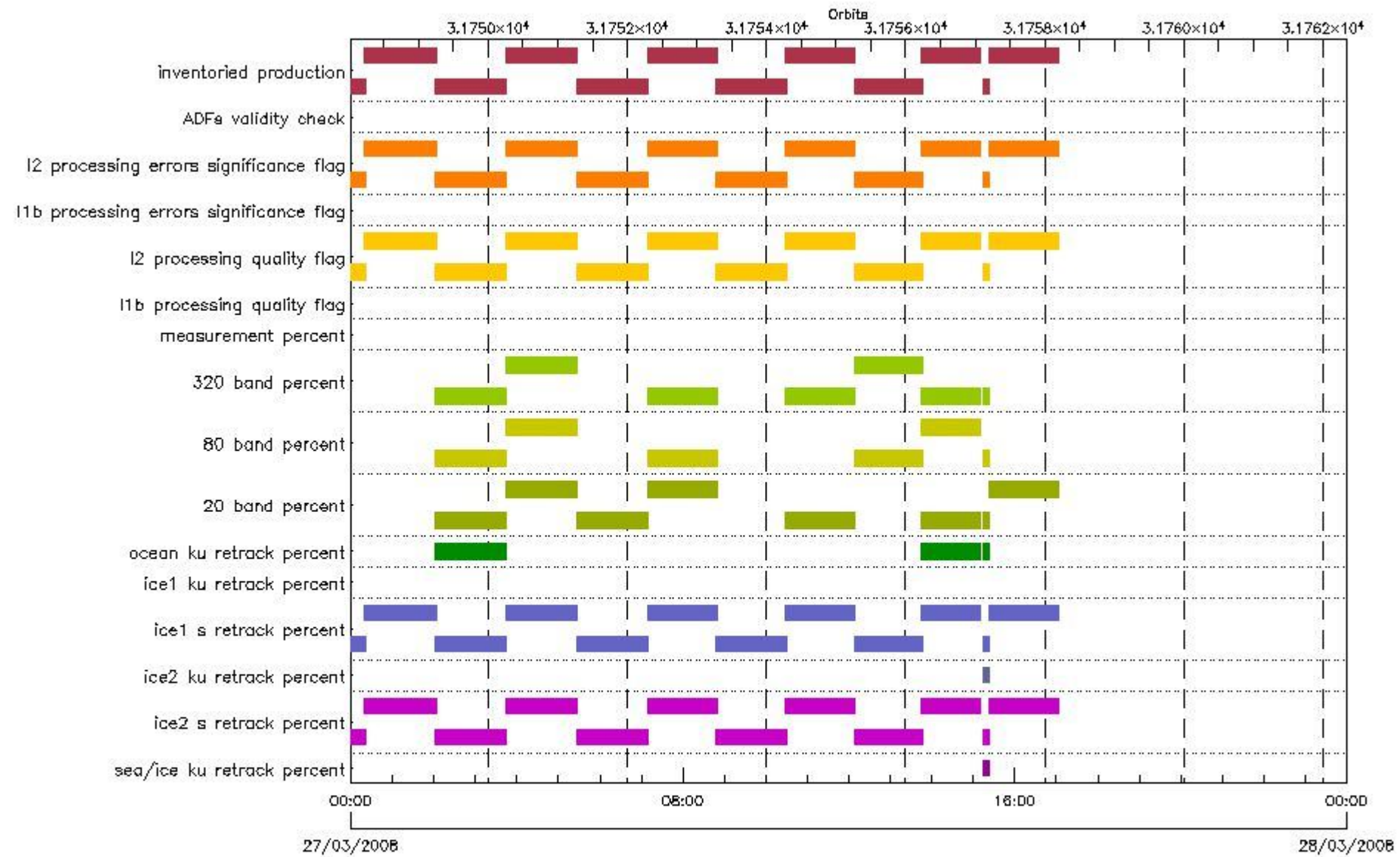
Gauge	Value	Segment (Start-Stop)
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_MW__1P	722	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_MW__1P	834	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_MW__1P	1380	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942

**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	373	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_MW__1P	546	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_MW__1P	469	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_MW__1P	1682	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942

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

**Products with processing errors significance flag set**

Gauge	Segment (Start-Stop)
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247

SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_FGD_2P	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308

**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	6751	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6807	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6742	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6889	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6855	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6721	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	7021	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	7002	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6742	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6475	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6979	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_FGD_2P	6762	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308



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	9182	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	8858	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	9297	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	9496	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	9416	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	9203	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	7290	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942

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	622	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	782	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	572	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	493	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	499	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	1423	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942

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	197	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	360	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	113	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315



SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	130	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	124	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	298	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	1287	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_FGD_2P	108	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308

**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	8967	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	8981	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	7953	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942

**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	6143	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5352	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5649	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5231	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5739	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5344	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	6232	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5886	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5321	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5210	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	2044	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942

SPH.RA2_ICE1_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	5576	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308
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**RA2\_FGD\_2P products with percentage of valid KU ice2 retracker measurements below threshold**

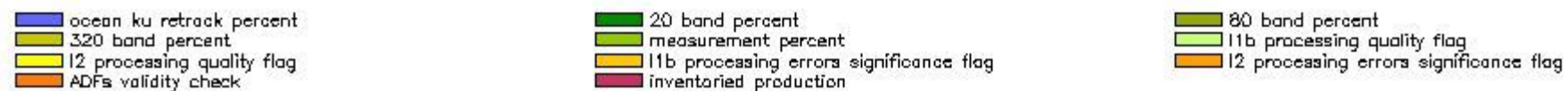
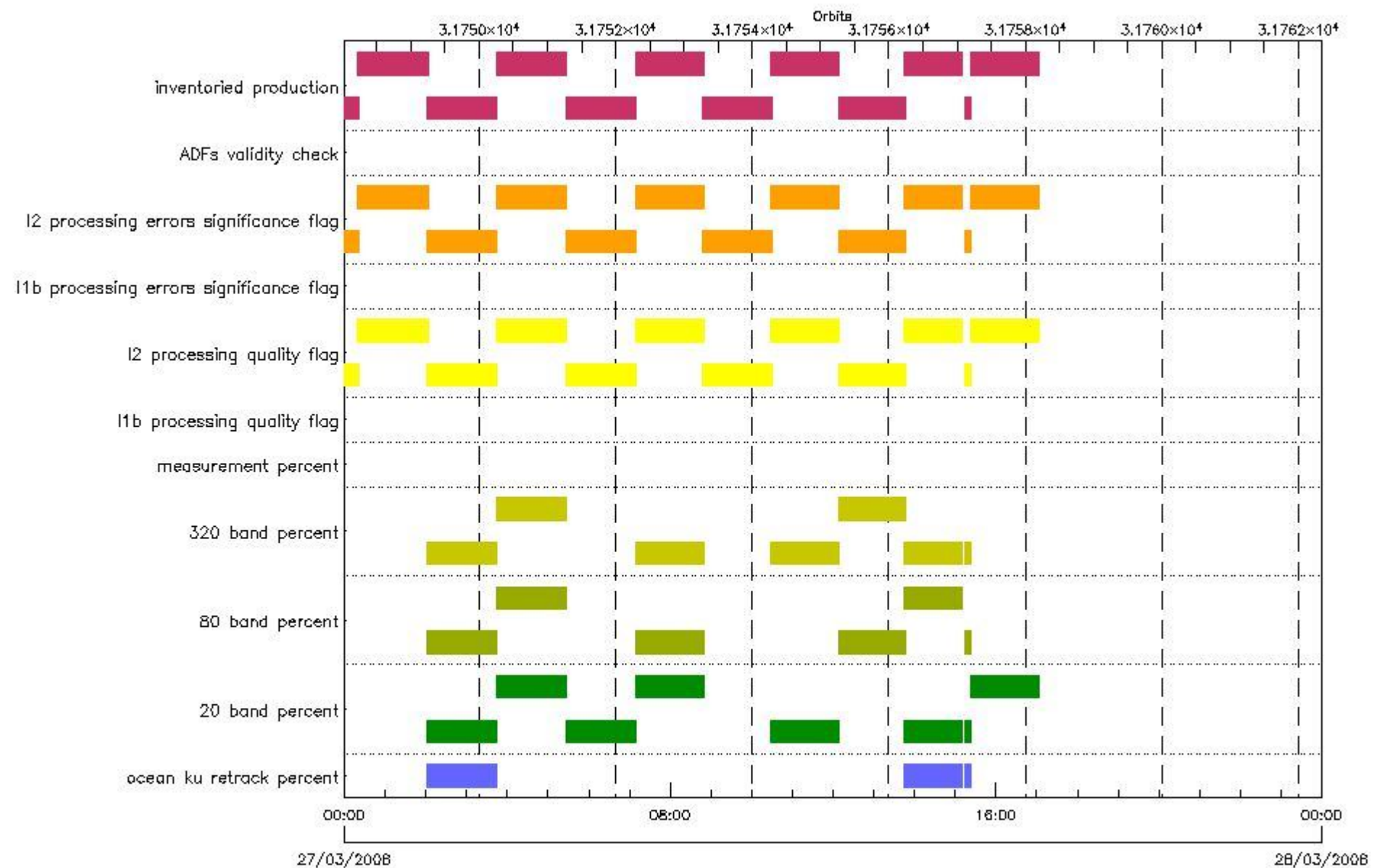
Gauge	Value	Segment (Start-Stop)
SPH.RA2_ICE2_KU_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	4932	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942

**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	41	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	52	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	67	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	56	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	32	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	54	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	55	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	57	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	70	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	51	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	0	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942
SPH.RA2_ICE2_S_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	59	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308

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

Gauge	Value	Segment (Start-Stop)
SPH.RA2_SEAICE_KU_RETRACK_PERCENT.WARNING PCF_RA2_FGD_2P	8783	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942



**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**

Gauge	Segment (Start-Stop)
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247

SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942
SPH.RA2_L2_PROC_FLAG.WARNING PCF_RA2_WWV_2P	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308

**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	6751	26-MAR-2008 22:35:41.633 27-MAR-2008 00:20:36.791
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6807	27-MAR-2008 00:19:30.007 27-MAR-2008 02:02:57.159
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6742	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6889	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6855	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6721	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	7021	27-MAR-2008 08:48:18.062 27-MAR-2008 10:29:30.420
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	7002	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6742	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6475	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6979	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942
SPH.RA2_L2_PROC_QUALITY.WARNING PCF_RA2_WWV_2P	6762	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308



**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	9182	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	8858	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	9297	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	9496	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	9416	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	9203	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
SPH.RA2_320_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	7290	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942

**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	622	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	782	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	572	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	493	27-MAR-2008 12:08:23.640 27-MAR-2008 13:46:14.364
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	499	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
SPH.RA2_80_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	1423	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942

**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	197	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	360	27-MAR-2008 03:44:12.971 27-MAR-2008 05:27:17.843
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	113	27-MAR-2008 05:26:42.251 27-MAR-2008 07:10:18.315



SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	130	27-MAR-2008 07:09:29.354 27-MAR-2008 08:49:05.909
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	124	27-MAR-2008 10:28:54.828 27-MAR-2008 12:09:11.486
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	298	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	1287	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942
SPH.RA2_20_BAND_PERCENT.WARNING PCF_RA2_WWV_2P	108	27-MAR-2008 15:22:51.044 27-MAR-2008 17:02:44.308

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

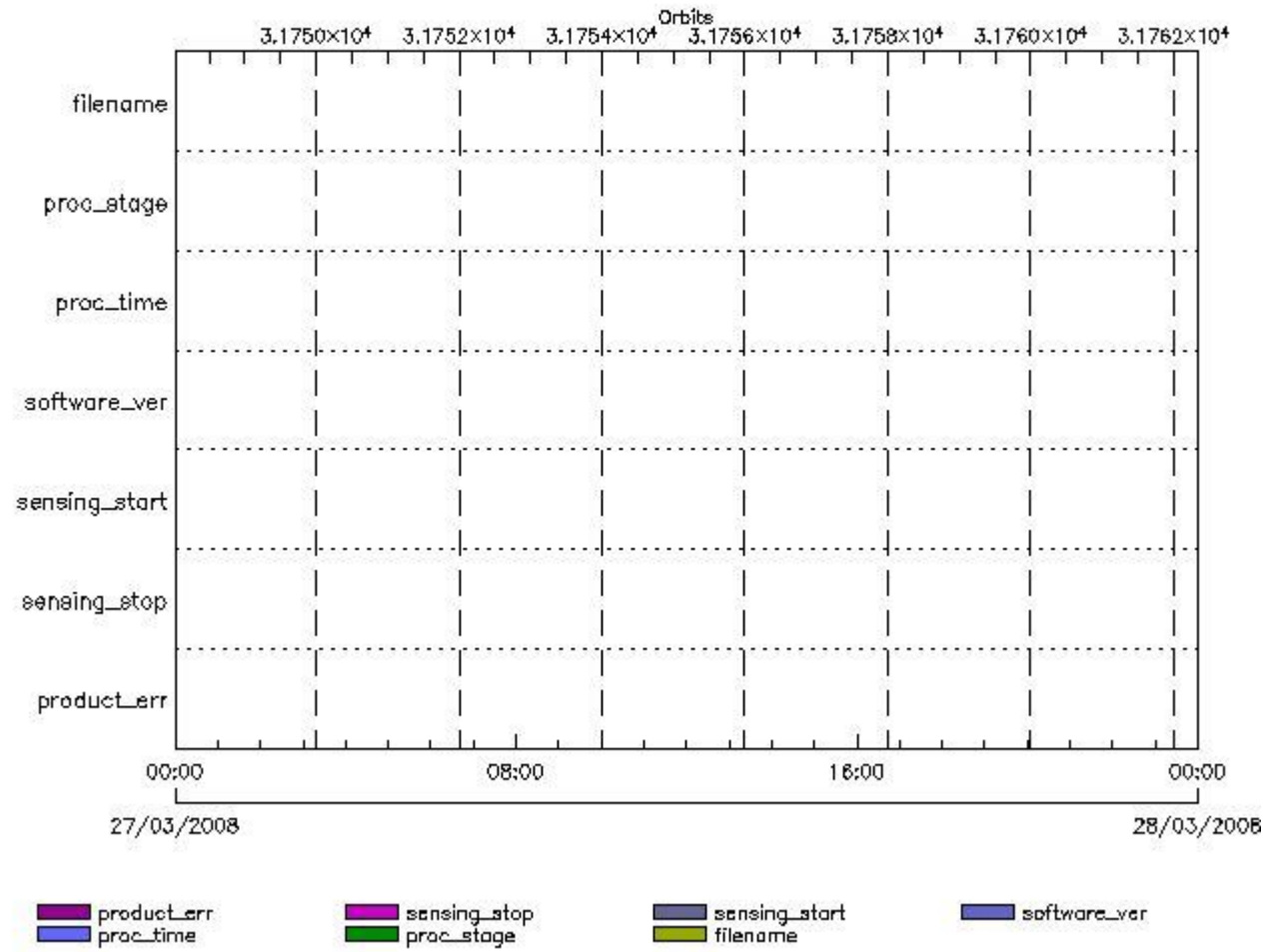
Gauge	Value	Segment (Start-Stop)
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_WWV_2P	8967	27-MAR-2008 02:01:55.945 27-MAR-2008 03:44:55.247
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_WWV_2P	8981	27-MAR-2008 13:44:08.538 27-MAR-2008 15:10:49.748
SPH.RA2_OCEAN_KU_RETRACK_PERCENT.WARNING PCF_RA2_WWV_2P	7953	27-MAR-2008 15:14:27.515 27-MAR-2008 15:23:58.942

## 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**

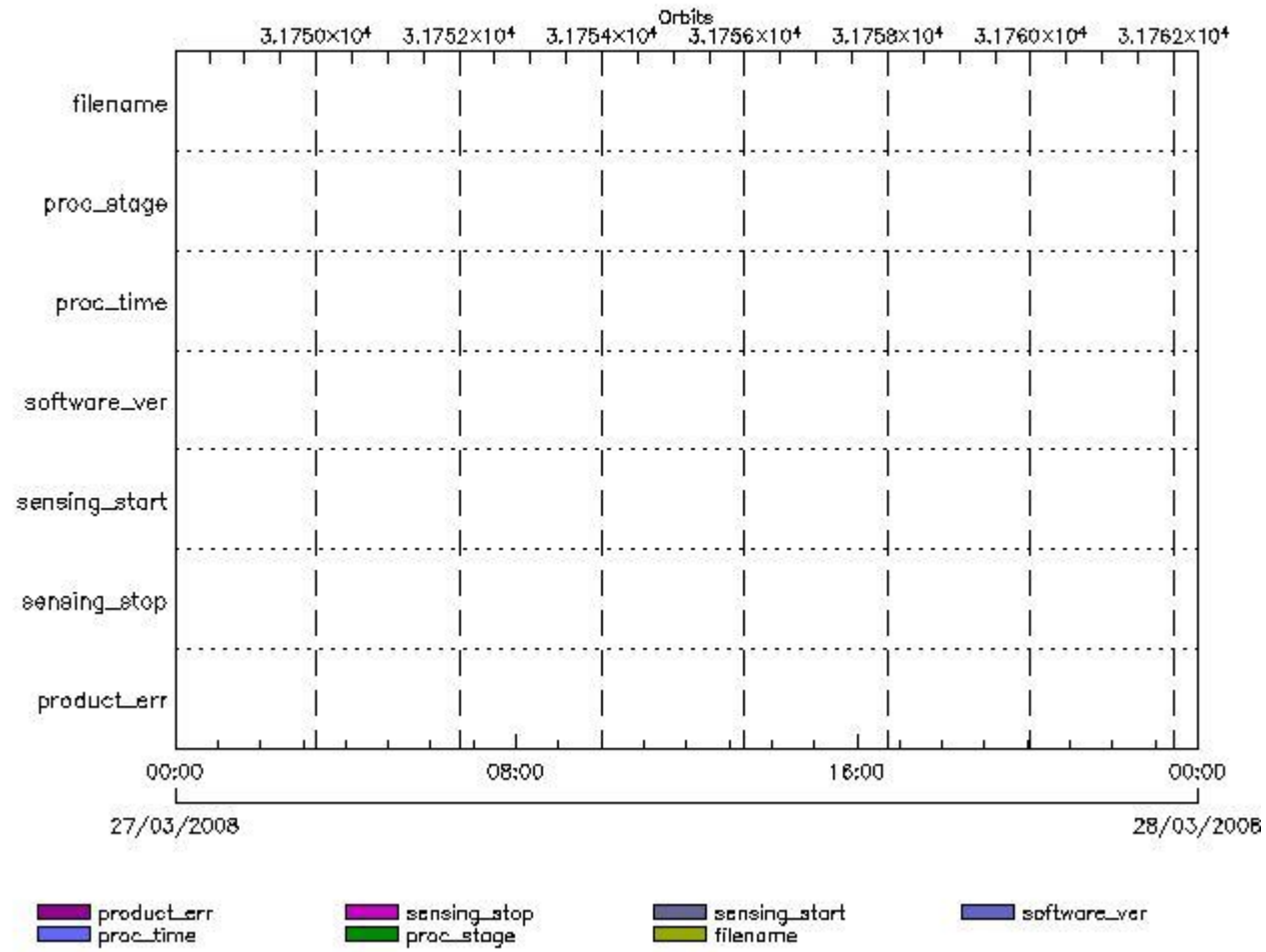
**MWR\_CHD\_AX files with wrong sensing stop**

**Gauge Explicit Reference**

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

**Gauge Explicit Reference**

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

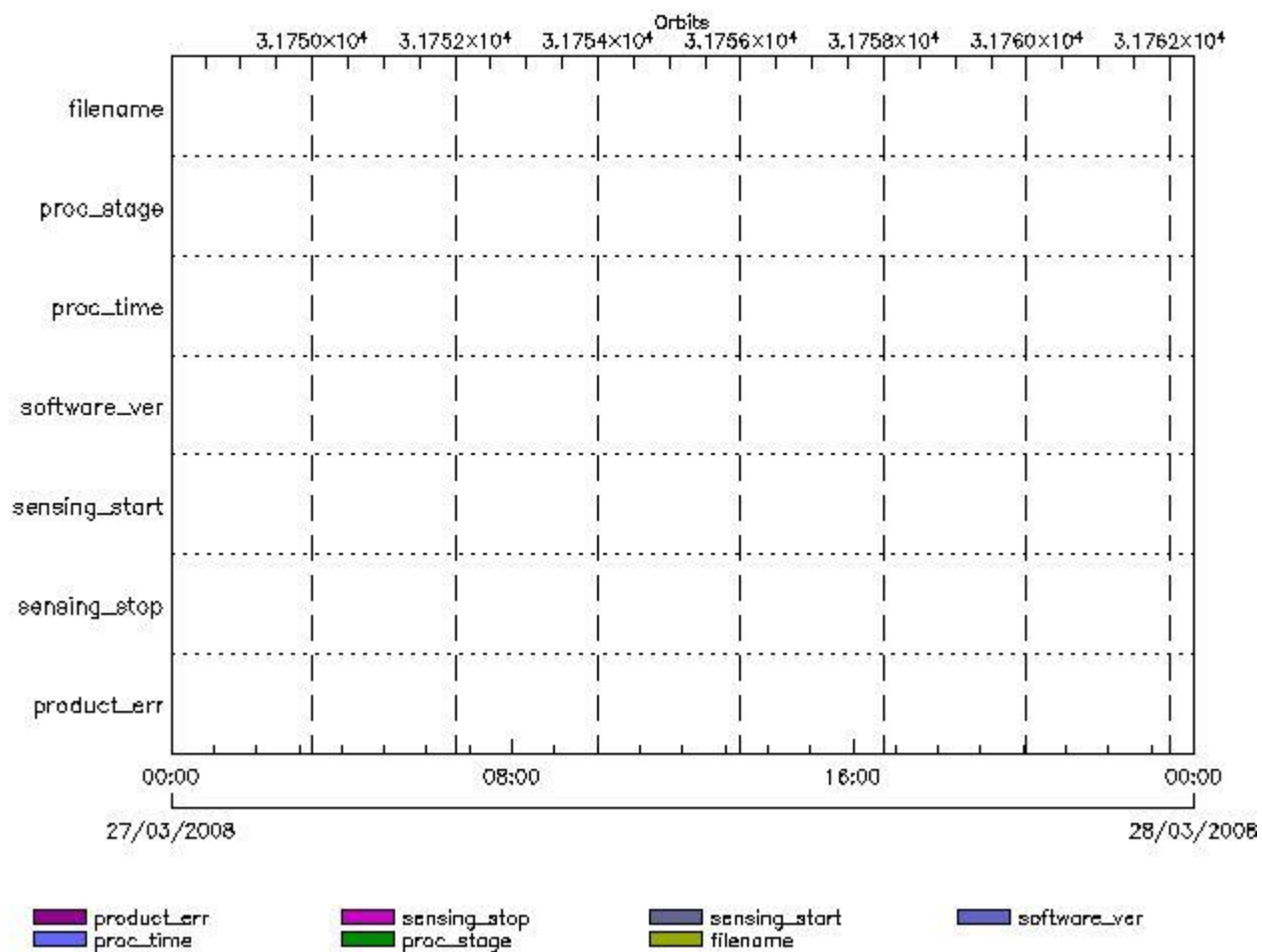
MWR\_CON\_AX files with wrong sensing stop

Gauge Explicit Reference

MWR\_CON\_AX files with product err set

## MWR\_LSF\_AX MPH checks

### MPH Errors for MWR\_LSF\_AX



MWR\_LSF\_AX files with wrong filename

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

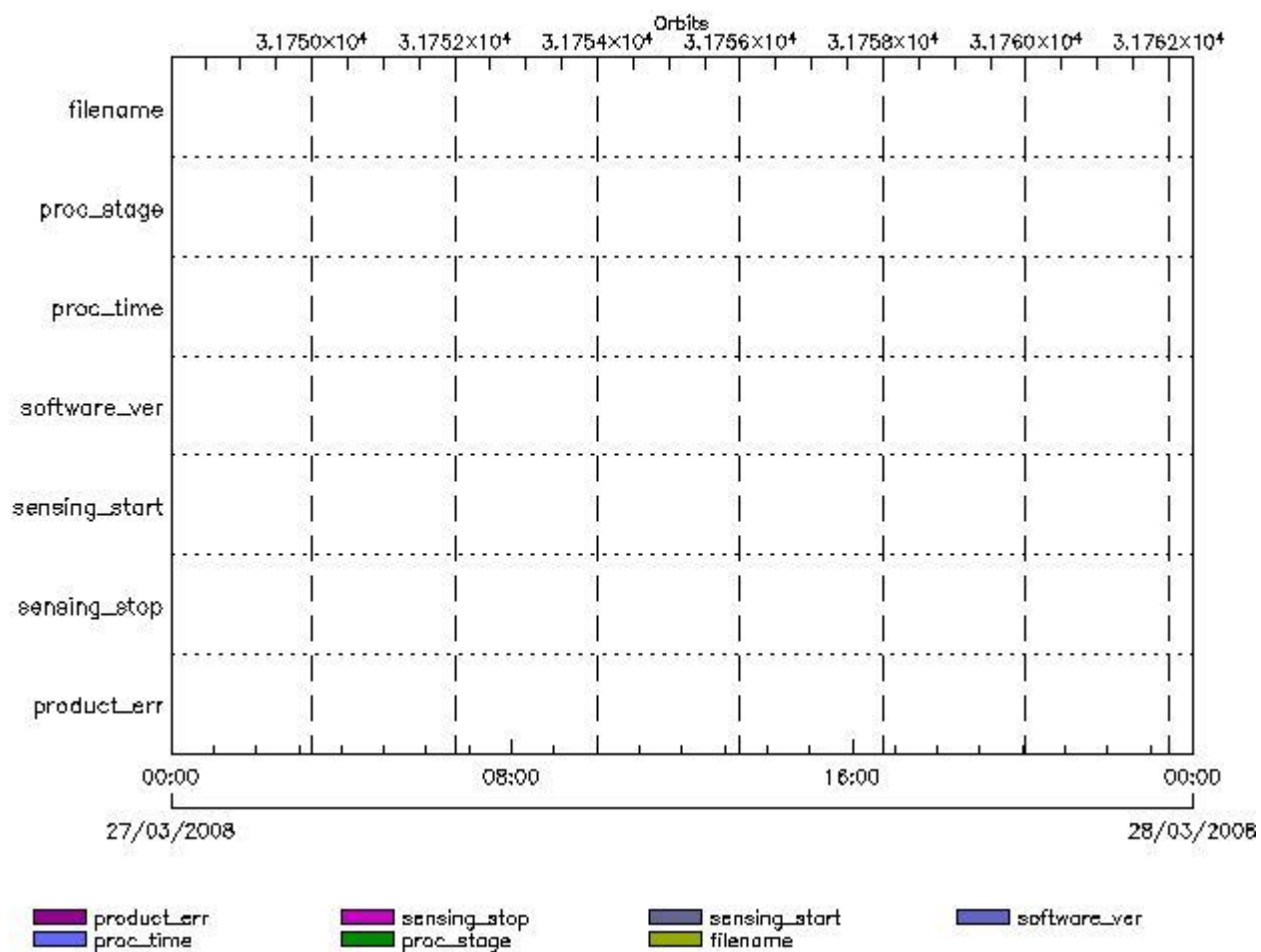
MWR\_LSF\_AX files with wrong sensing stop

Gauge Explicit Reference  
MWR\_LSF\_AX files with product err set

Gauge Explicit Reference

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

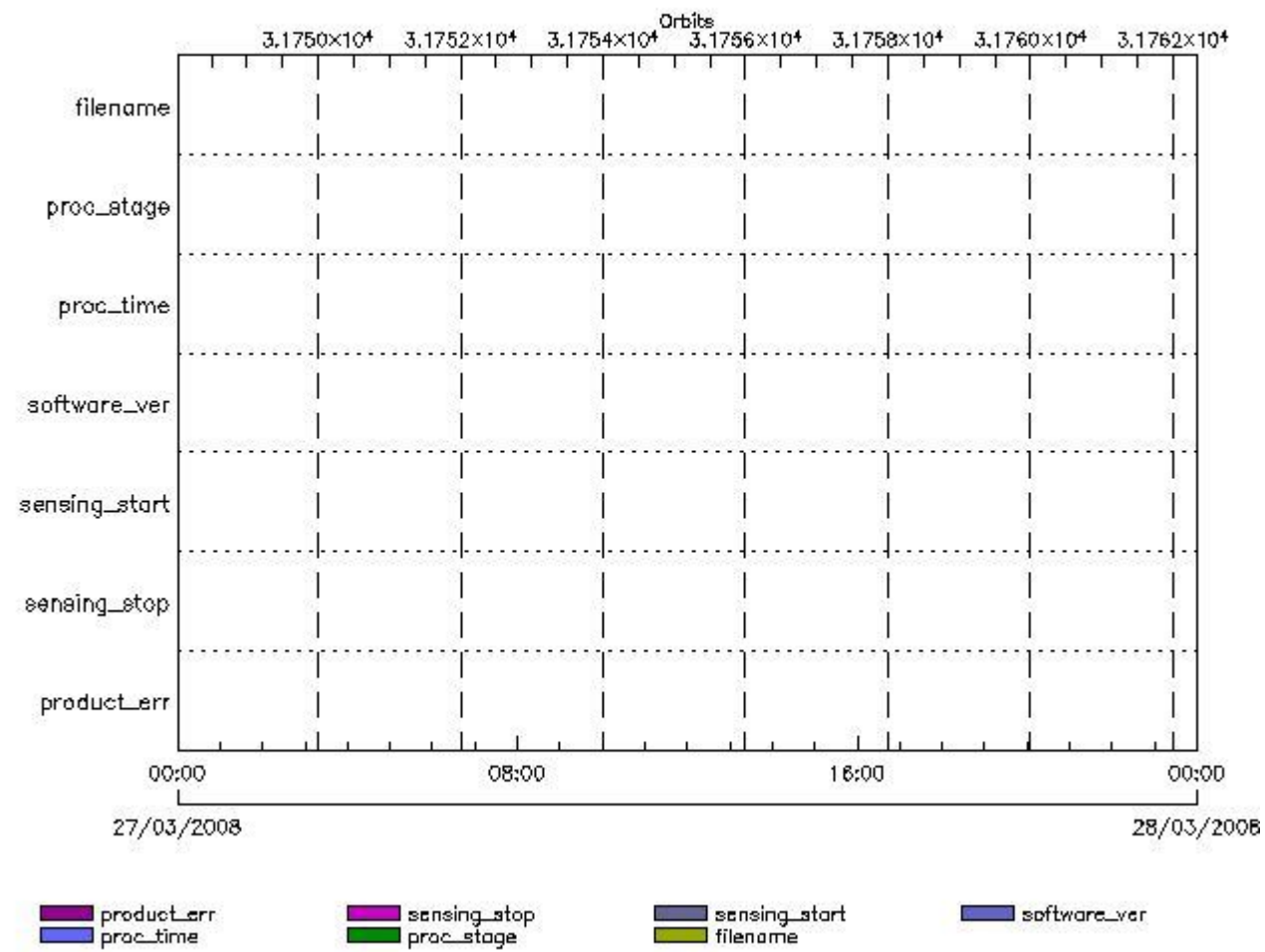
Gauge Explicit Reference

MWR\_SLT\_AX files with product err set

Gauge Explicit Reference

RA2\_CHD\_AX MPH checks

MPH Errors for RA2\_CHD\_AX



RA2\_CHD\_AX files with wrong filename

Gauge

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

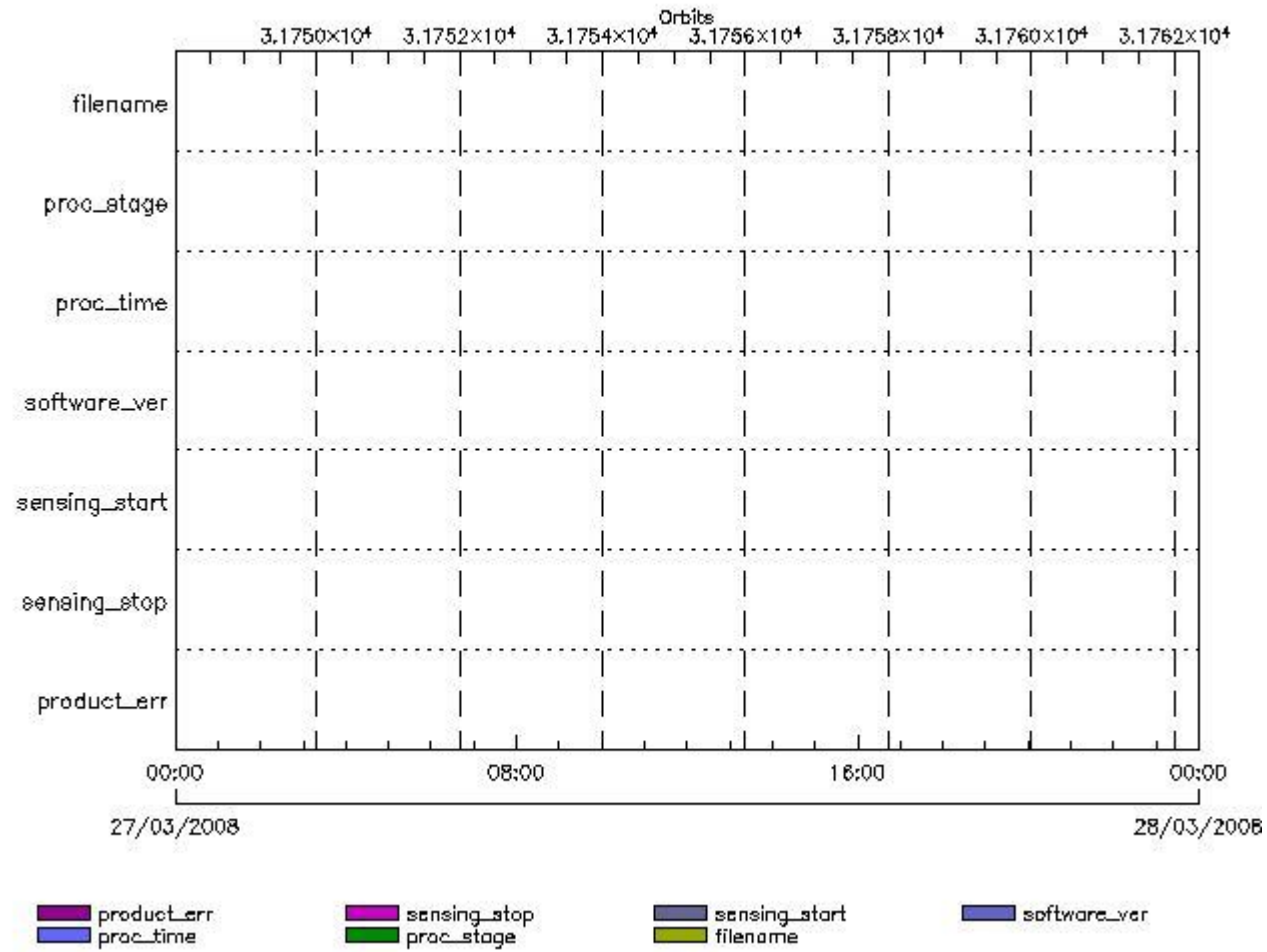
Gauge Explicit Reference

RA2\_CHD\_AX files with product err set

Gauge Explicit Reference

RA2\_CON\_AX MPH checks

MPH Errors for RA2\_CON\_AX



RA2\_CON\_AX files with wrong filename

Gauge

RA2\_CON\_AX files with 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

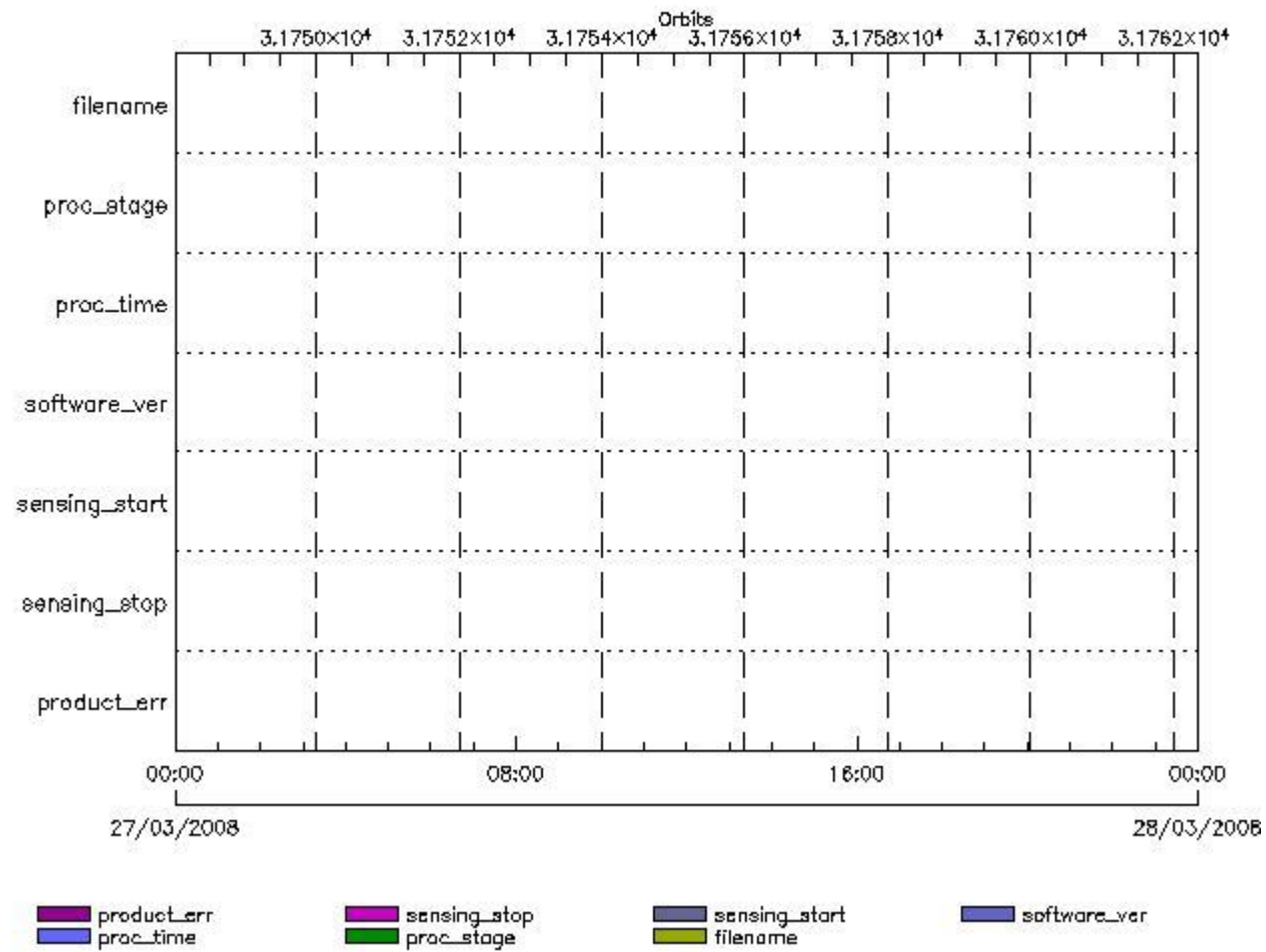
Gauge Explicit Reference

RA2\_CON\_AX files with product err set

Gauge Explicit Reference

RA2\_CST\_AX MPH checks

MPH Errors for RA2\_CST\_AX



RA2\_CST\_AX files with wrong filename

Gauge

RA2\_CST\_AX files with 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

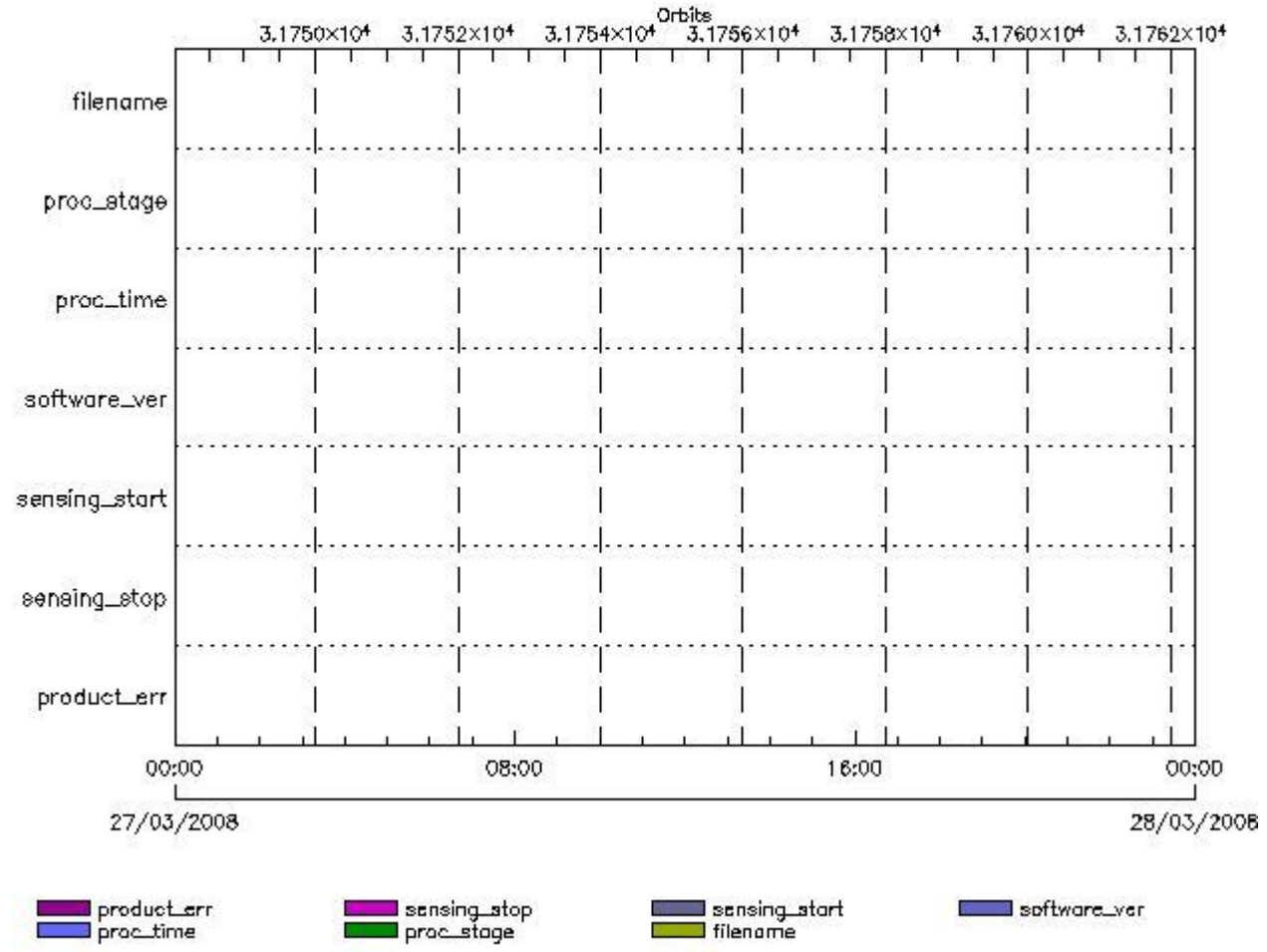
Gauge Explicit Reference

RA2\_CST\_AX files with product err set

Gauge Explicit Reference

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

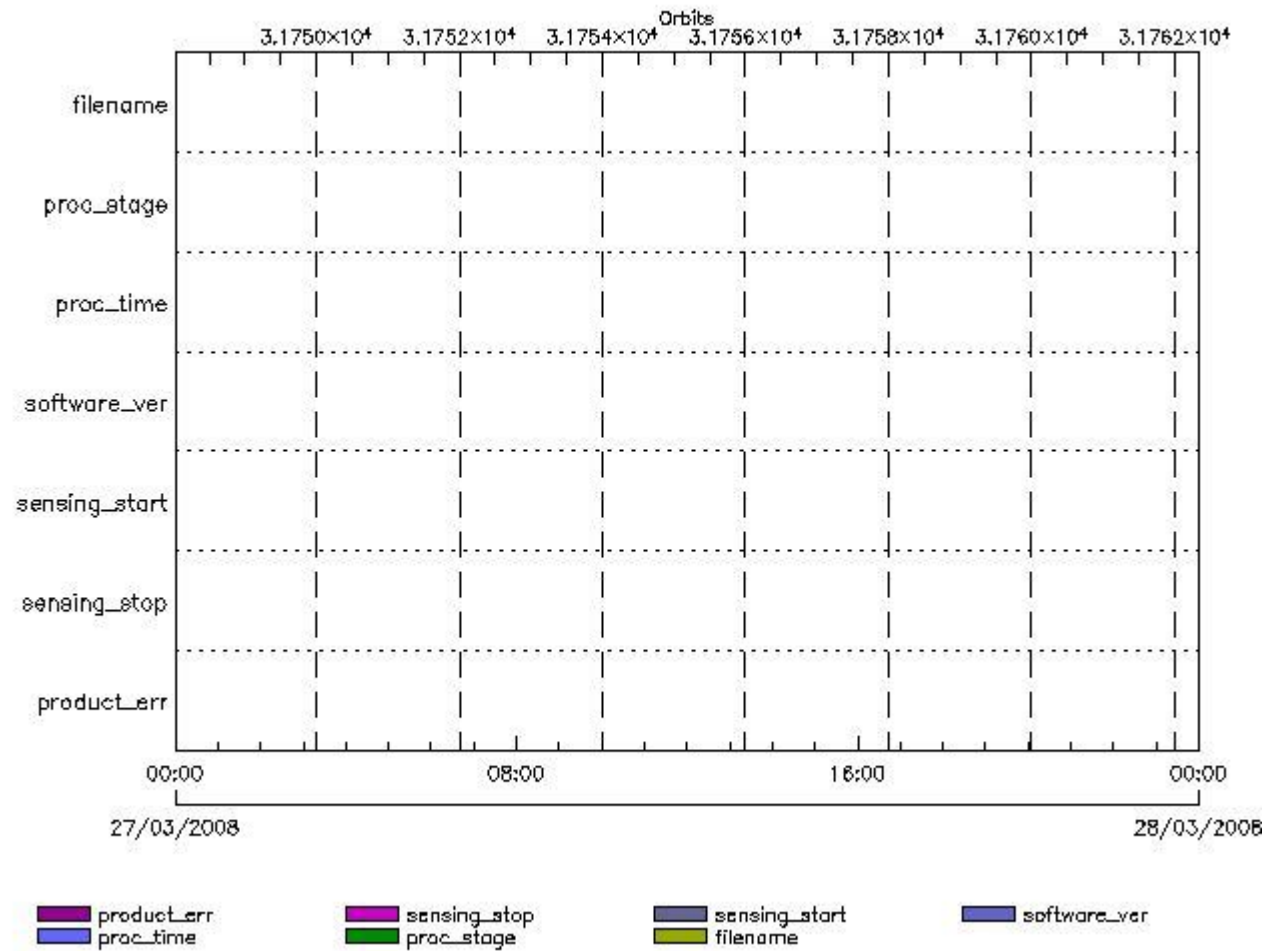
Gauge Explicit Reference

RA2\_DIP\_AX files with product err set

Gauge Explicit Reference

RA2\_GEO\_AX MPH checks

MPH Errors for RA2\_GEO\_AX





RA2\_GEO\_AX files with wrong filename

RA2\_GEO\_AX files with  unknown processing stage

RA2\_GEO\_AX files with wrong processing time

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

RA2\_GEO\_AX files with wrong sensing start

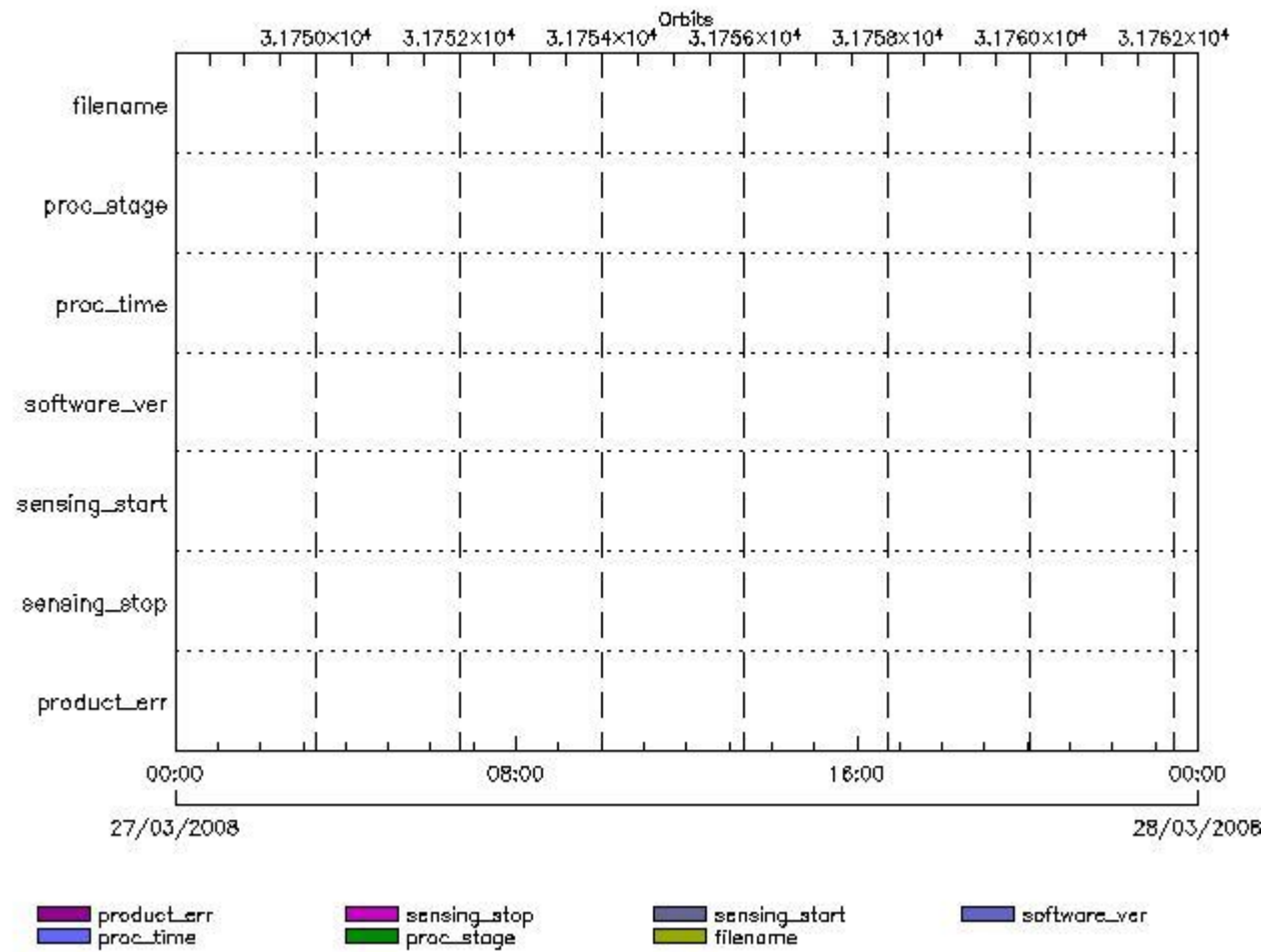
RA2\_GEO\_AX files with wrong sensing stop

RA2\_GEO\_AX files with product err set

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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 unknown 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**

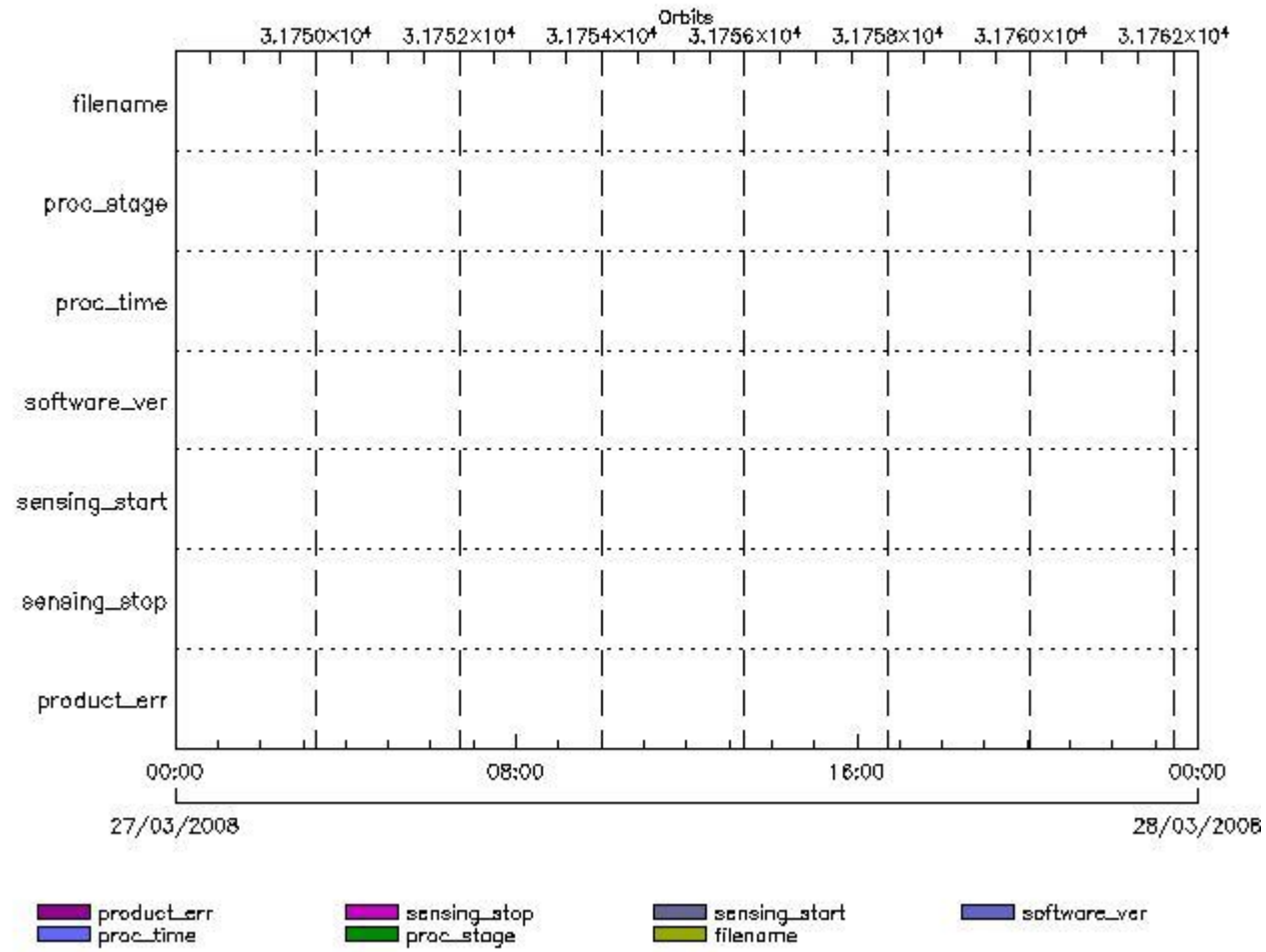
**RA2\_ICT\_AX files with wrong sensing stop**

**Gauge Explicit Reference**

**RA2\_ICT\_AX files with product err set**

**Gauge Explicit Reference**

MPH Errors for RA2\_IFA\_AX



RA2\_IFA\_AX files with wrong filename

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

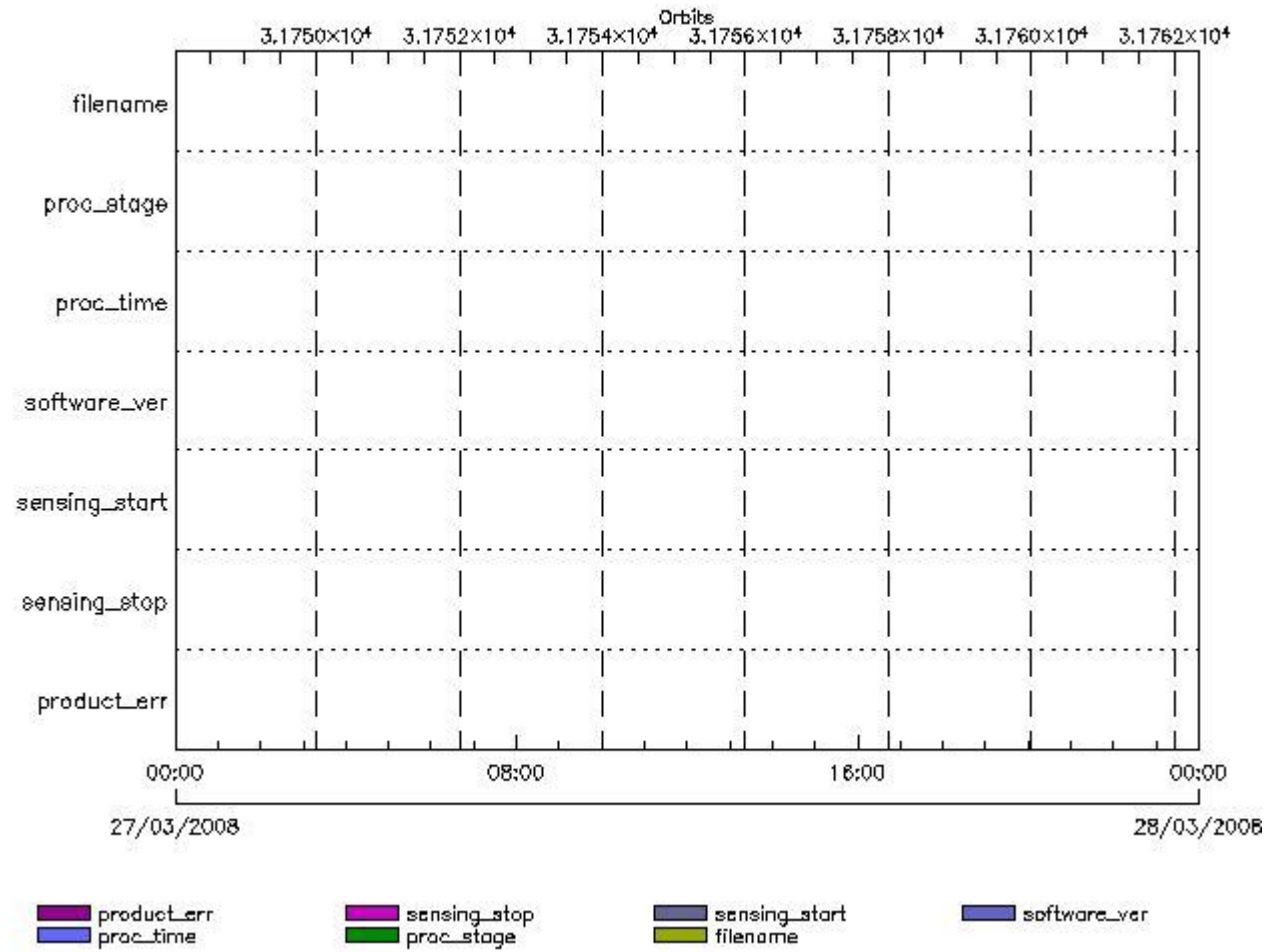
RA2\_IFA\_AX files with wrong sensing stop

Gauge Explicit Reference

RA2\_IFA\_AX files with product err set

RA2\_IFB\_AX MPH checks

MPH Errors for RA2\_IFB\_AX



RA2\_IFB\_AX files with wrong filename

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

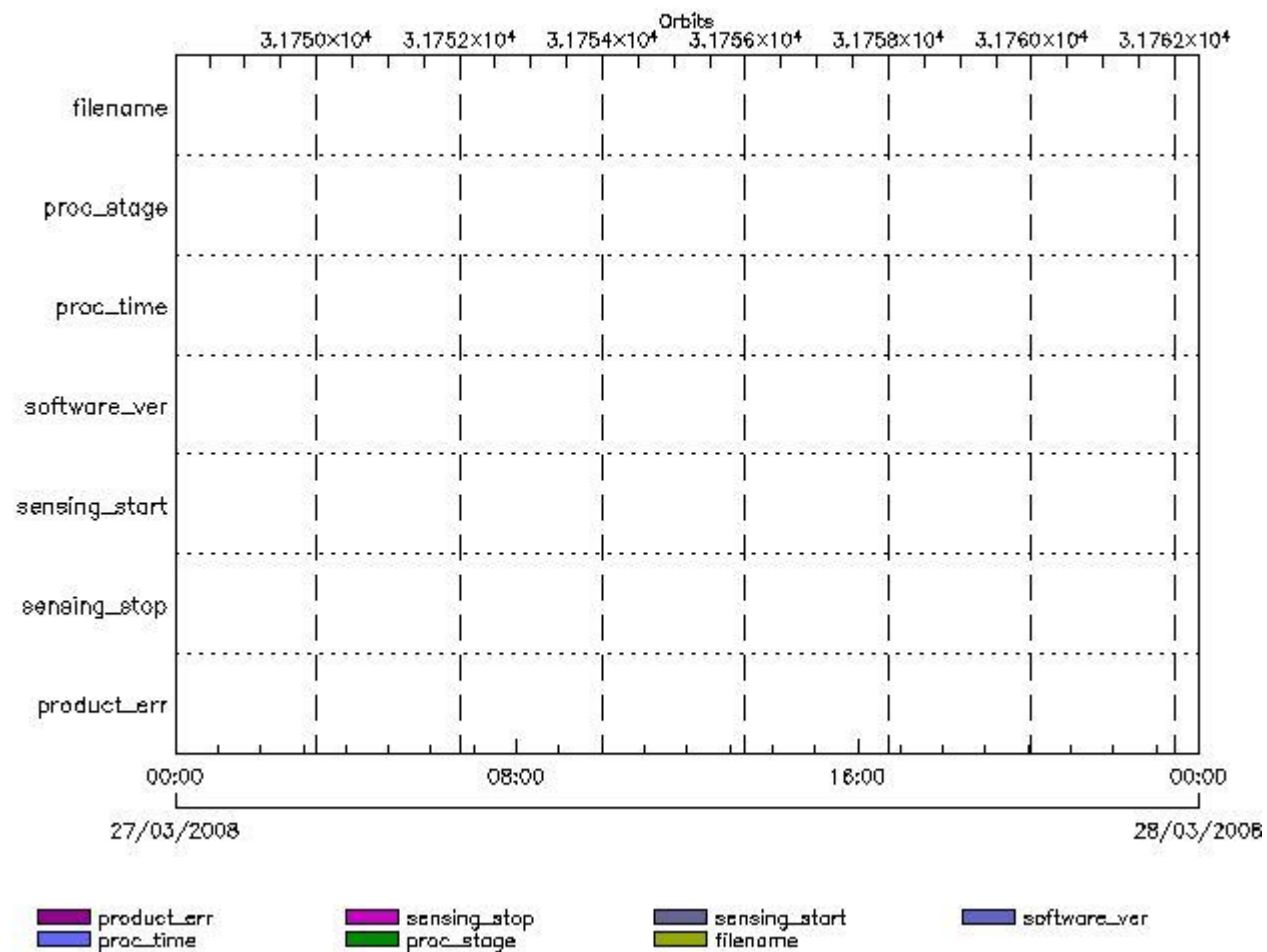
RA2\_IFB\_AX files with wrong sensing stop

Gauge Explicit Reference  
RA2\_IFB\_AX files with product err set

Gauge Explicit Reference

RA2\_IFF\_AX MPH checks

MPH Errors for RA2\_IFF\_AX



RA2\_IFF\_AX files with wrong filename

Gauge  
RA2\_IFF\_AX files with 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

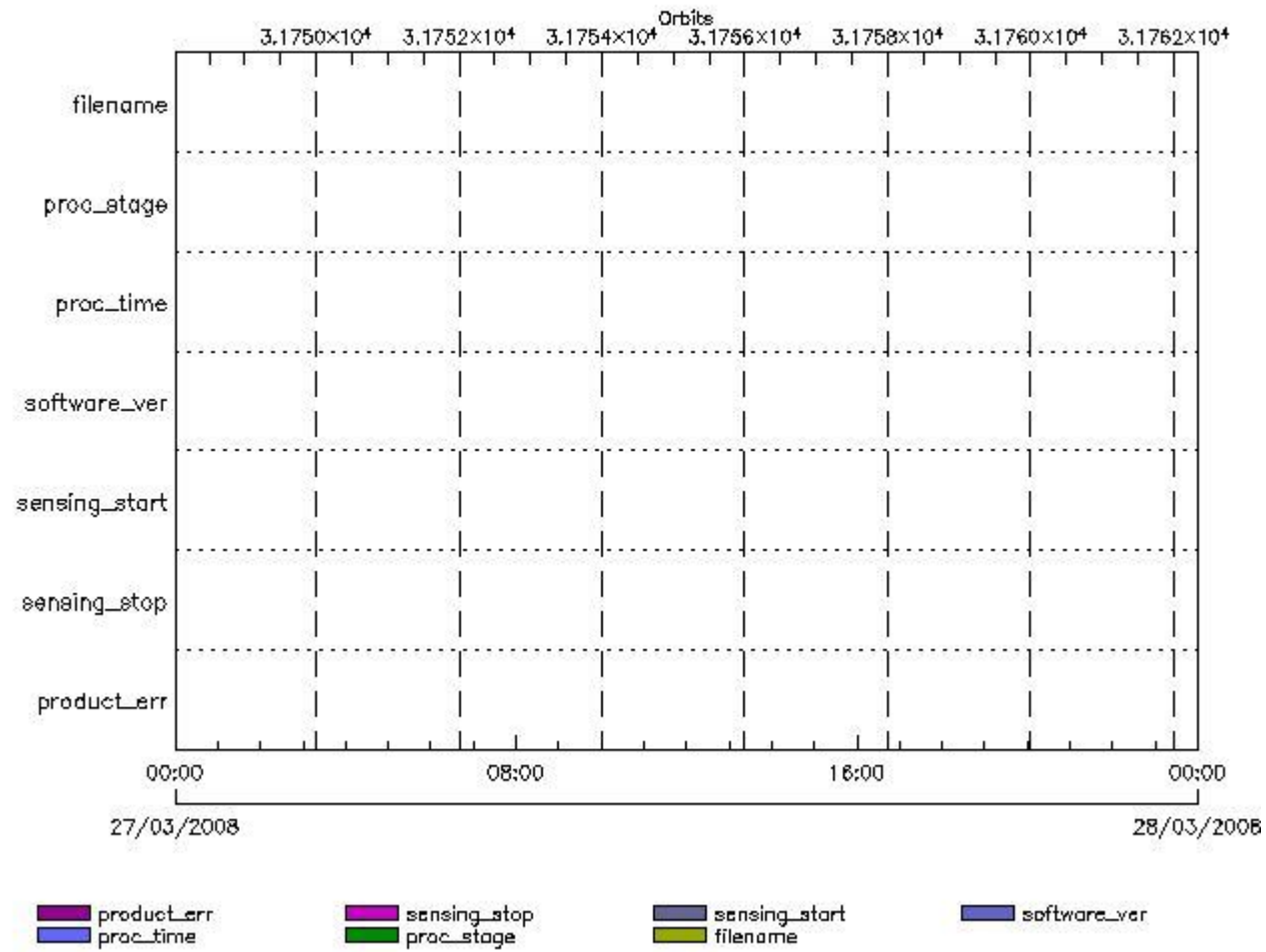
Gauge Explicit Reference

RA2\_IFF\_AX files with product err set

Gauge Explicit Reference

RA2\_IOC\_AX MPH checks

MPH Errors for RA2\_IOC\_AX



RA2\_IOC\_AX files with wrong filename

RA2\_IOC\_AX files with unknown processing stage

Gauge Explicit Reference

RA2\_IOC\_AX files with wrong processing time

Gauge Explicit Reference

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

Gauge Explicit Reference

RA2\_IOC\_AX files with wrong sensing start

Gauge Explicit Reference

RA2\_IOC\_AX files with wrong sensing stop

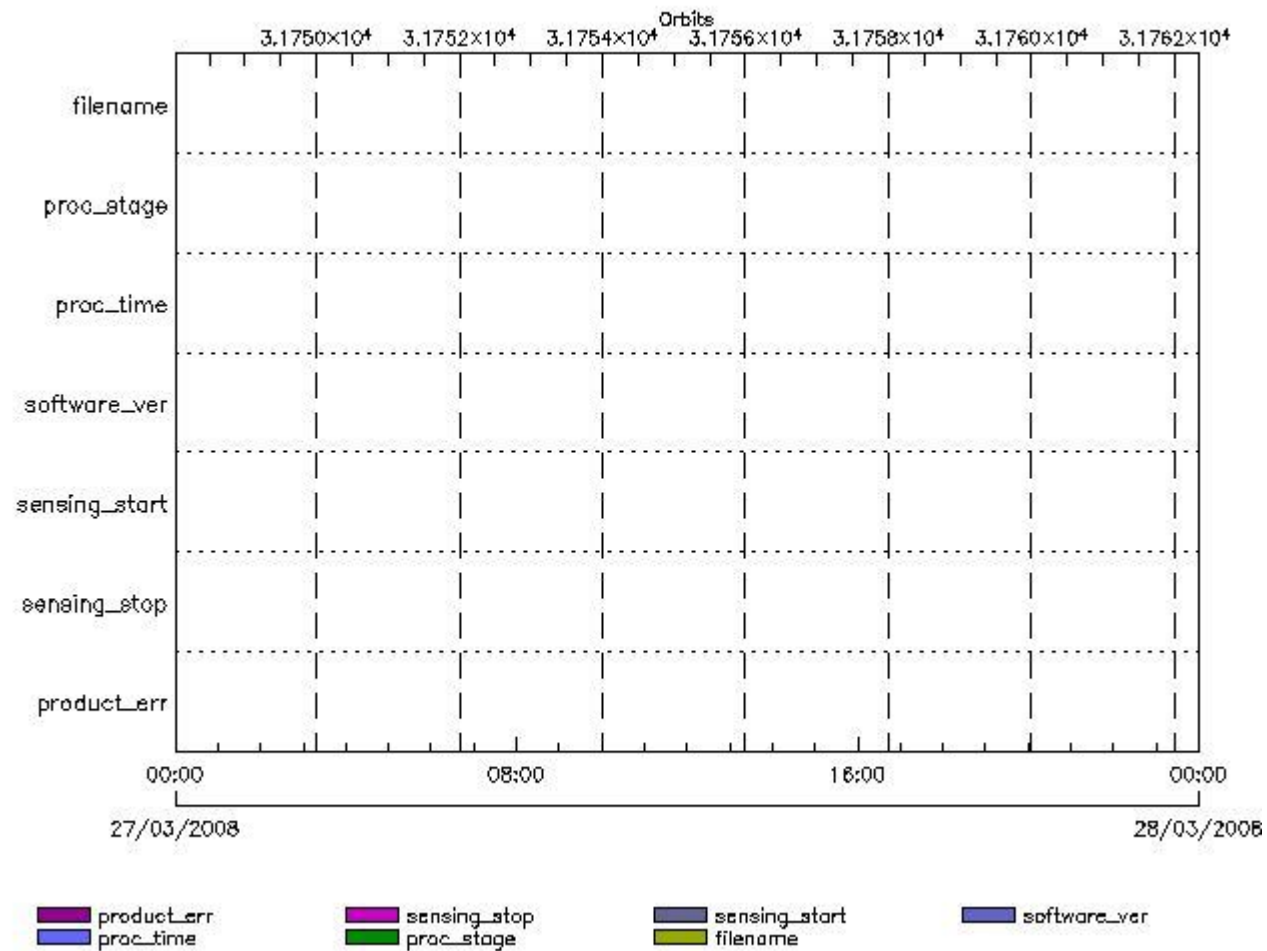
Gauge Explicit Reference

RA2\_IOC\_AX files with product err set

Gauge Explicit Reference

## RA2\_MET\_AX MPH checks

### MPH Errors for RA2\_MET\_AX



RA2\_MET\_AX files with wrong filename

Gauge

RA2\_MET\_AX files with unknown processing stage

Gauge Explicit Reference

RA2\_MET\_AX files with wrong processing time

Gauge Explicit Reference

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

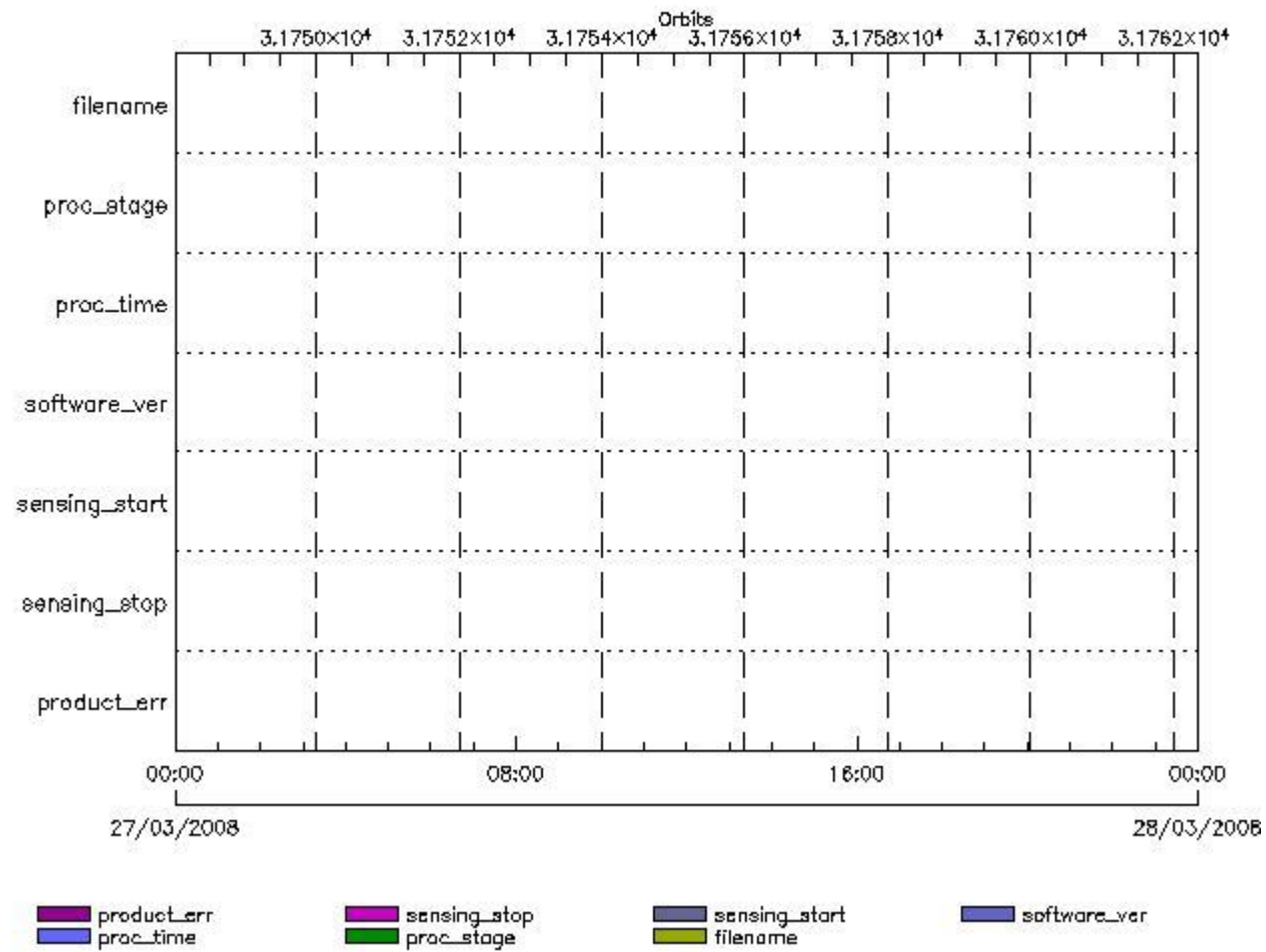
Gauge Explicit Reference

RA2\_MET\_AX files with product err set

Gauge Explicit Reference

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

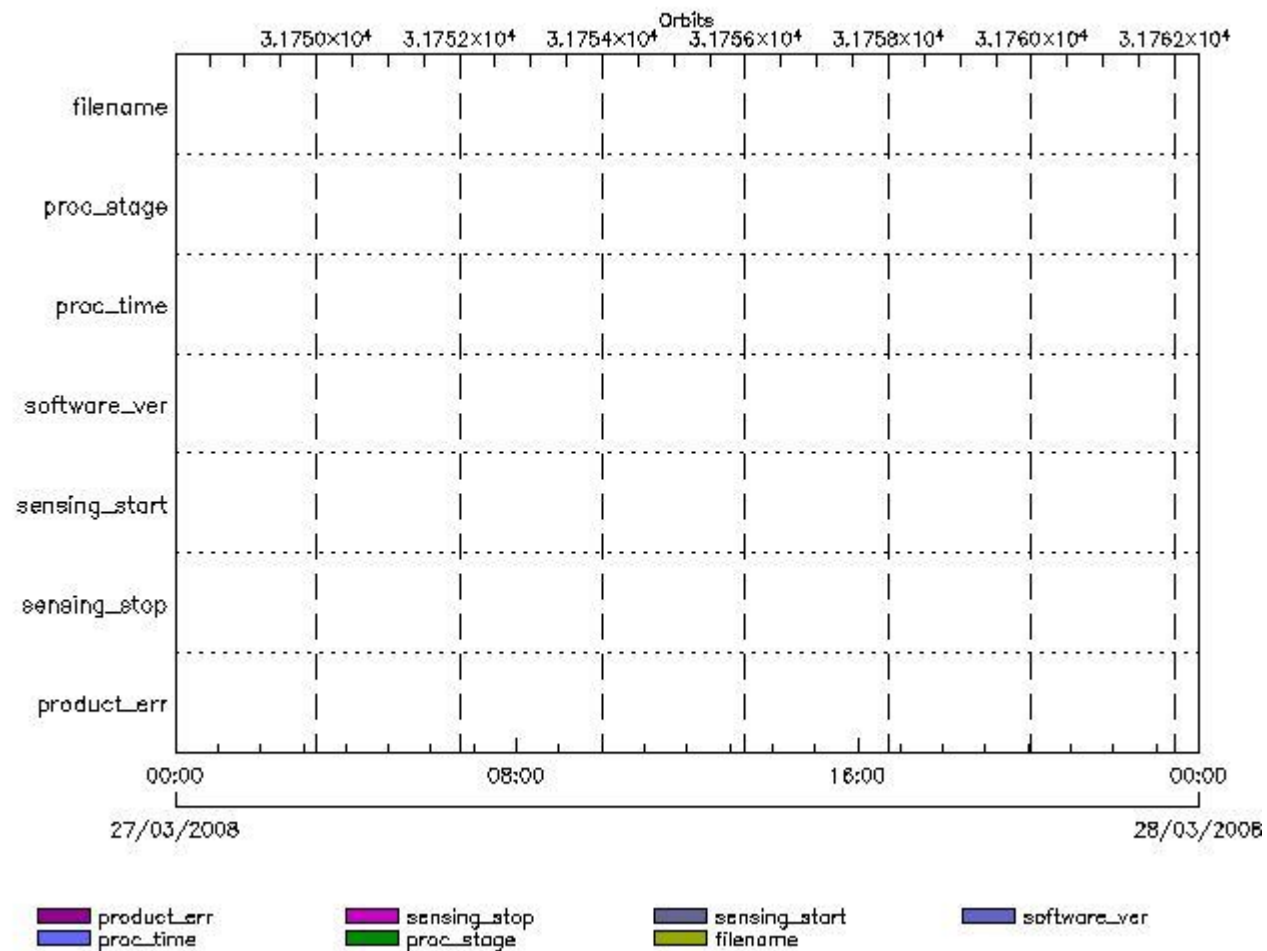
Gauge Explicit Reference

RA2\_MSS\_AX files with product err set

Gauge Explicit Reference

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

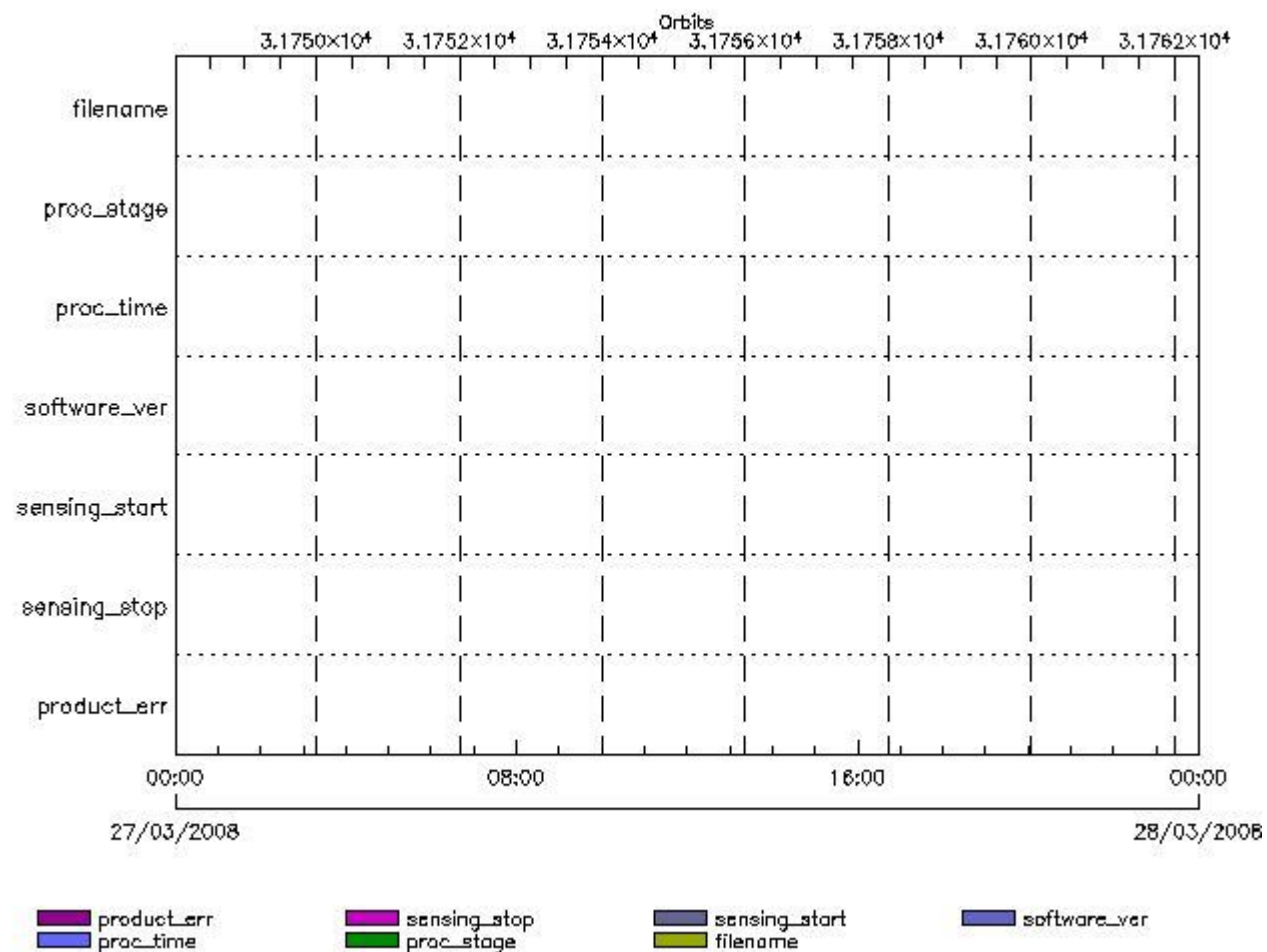
Gauge Explicit Reference

RA2\_OT1\_AX files with product err set

Gauge Explicit Reference

## RA2\_OT2\_AX MPH checks

MPH Errors for RA2\_OT2\_AX





RA2\_OT2\_AX files with wrong filename

RA2\_OT2\_AX files with  unknown processing stage

RA2\_OT2\_AX files with wrong processing time

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

RA2\_OT2\_AX files with wrong sensing start

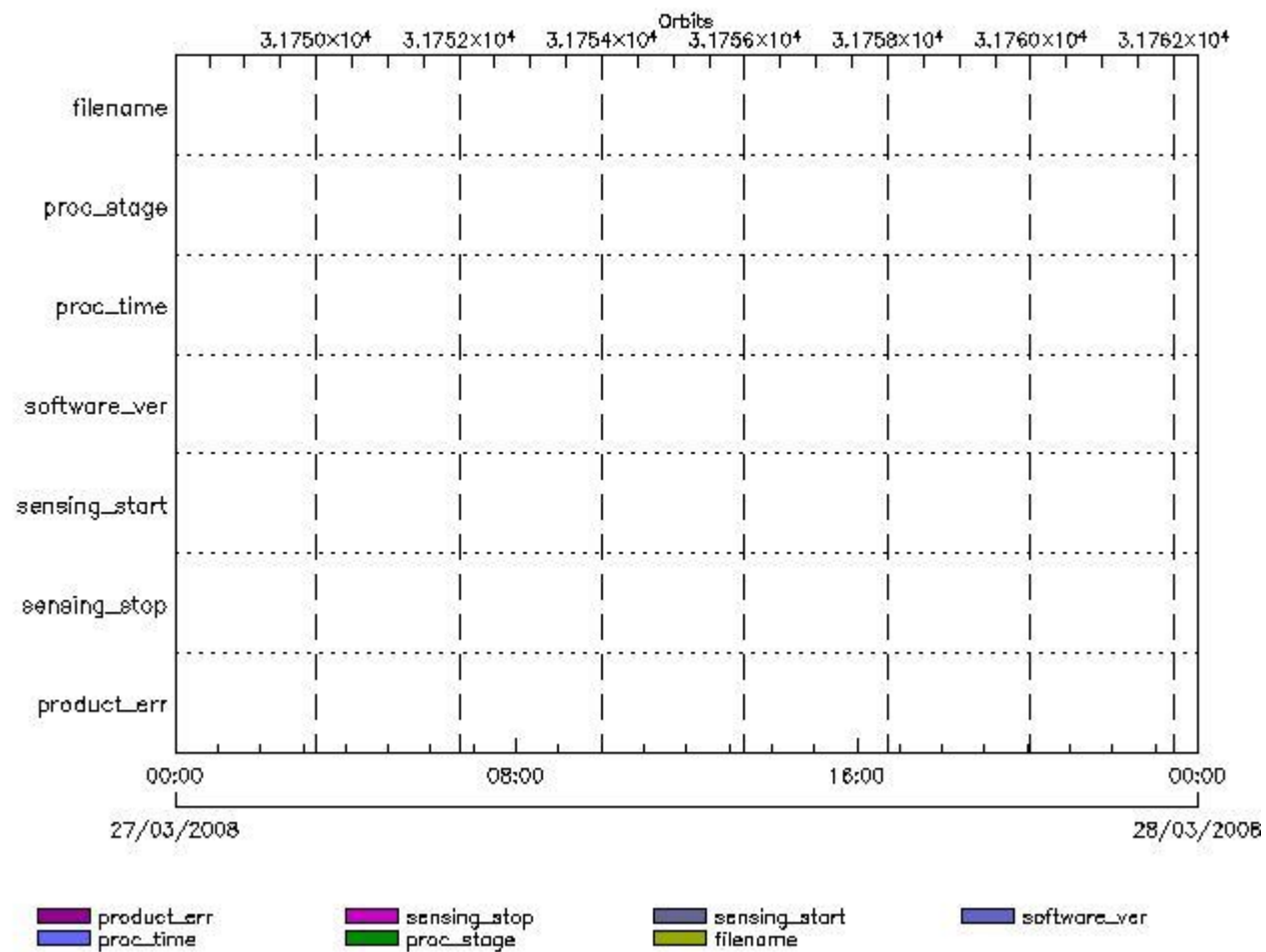
RA2\_OT2\_AX files with wrong sensing stop

RA2\_OT2\_AX files with product err set

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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 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**

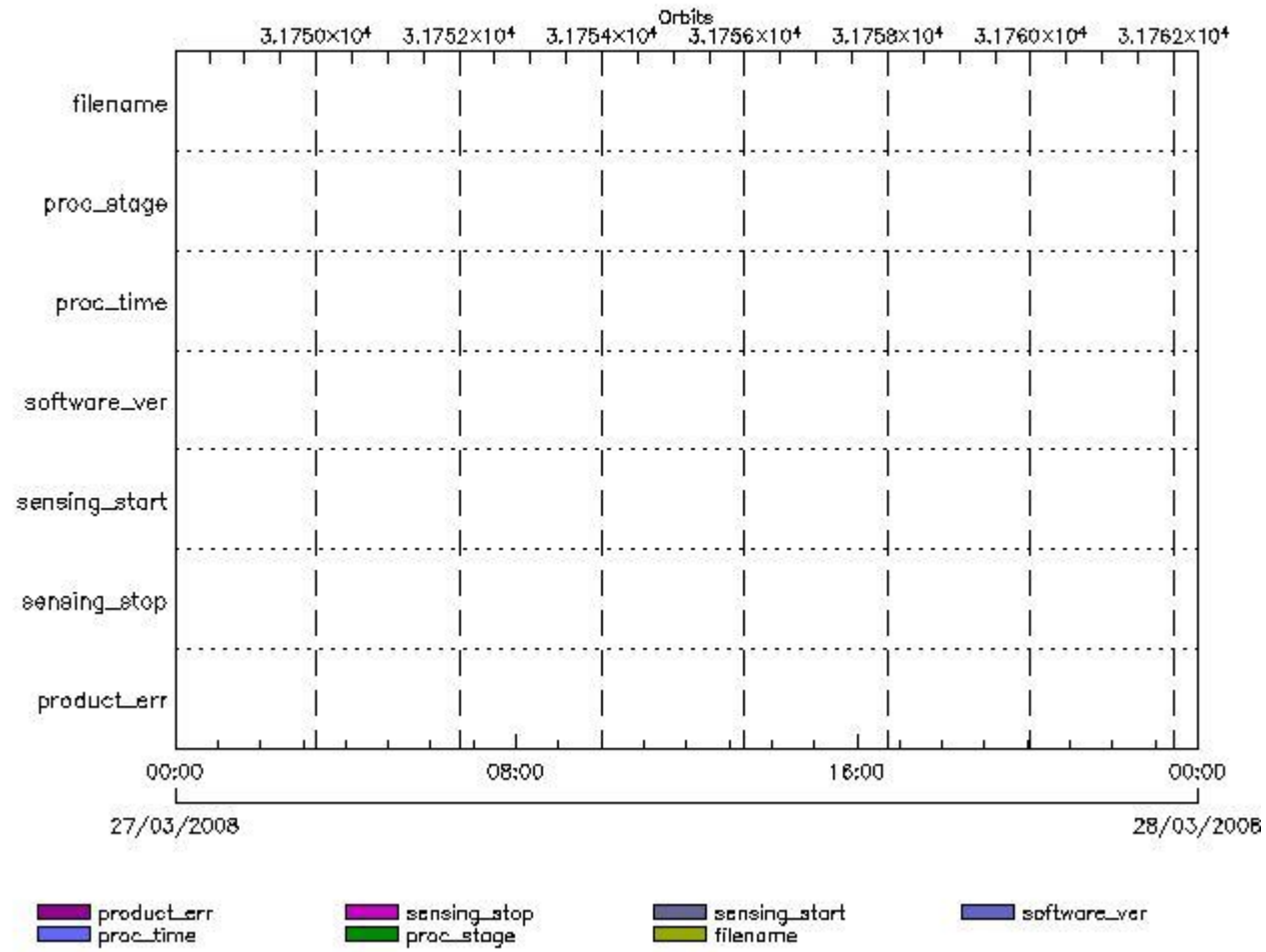
**RA2\_PLA\_AX files with wrong sensing stop**

**Gauge Explicit Reference**

**RA2\_PLA\_AX files with product err set**

**Gauge Explicit Reference**

MPH Errors for RA2\_POL\_AX



RA2\_POL\_AX files with wrong filename

RA2\_POL\_AX files with 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

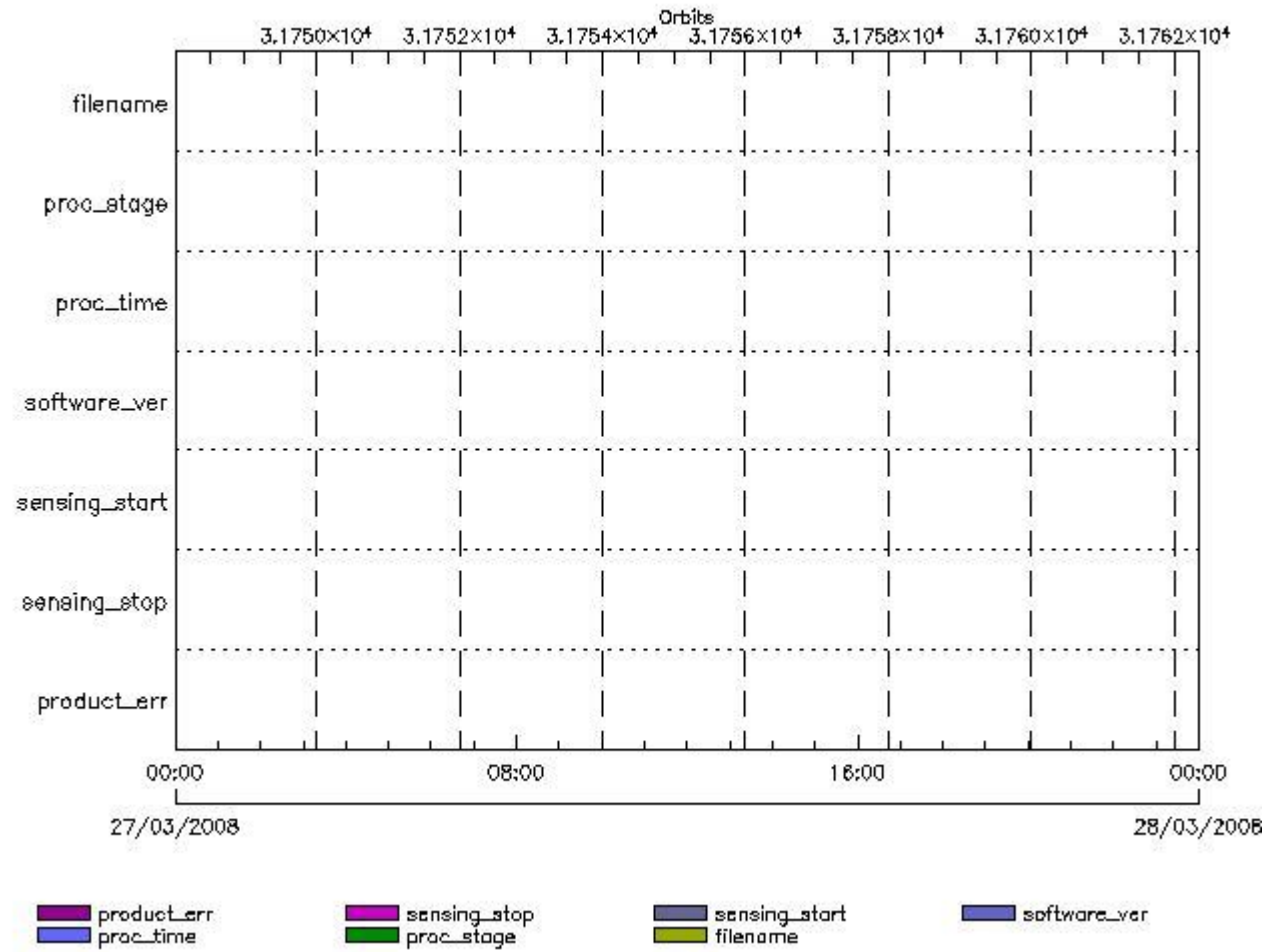
RA2\_POL\_AX files with wrong sensing stop

Gauge Explicit Reference

RA2\_POL\_AX files with product err set

RA2\_SET\_AX MPH checks

MPH Errors for RA2\_SET\_AX



RA2\_SET\_AX files with wrong filename

RA2\_SET\_AX files with 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

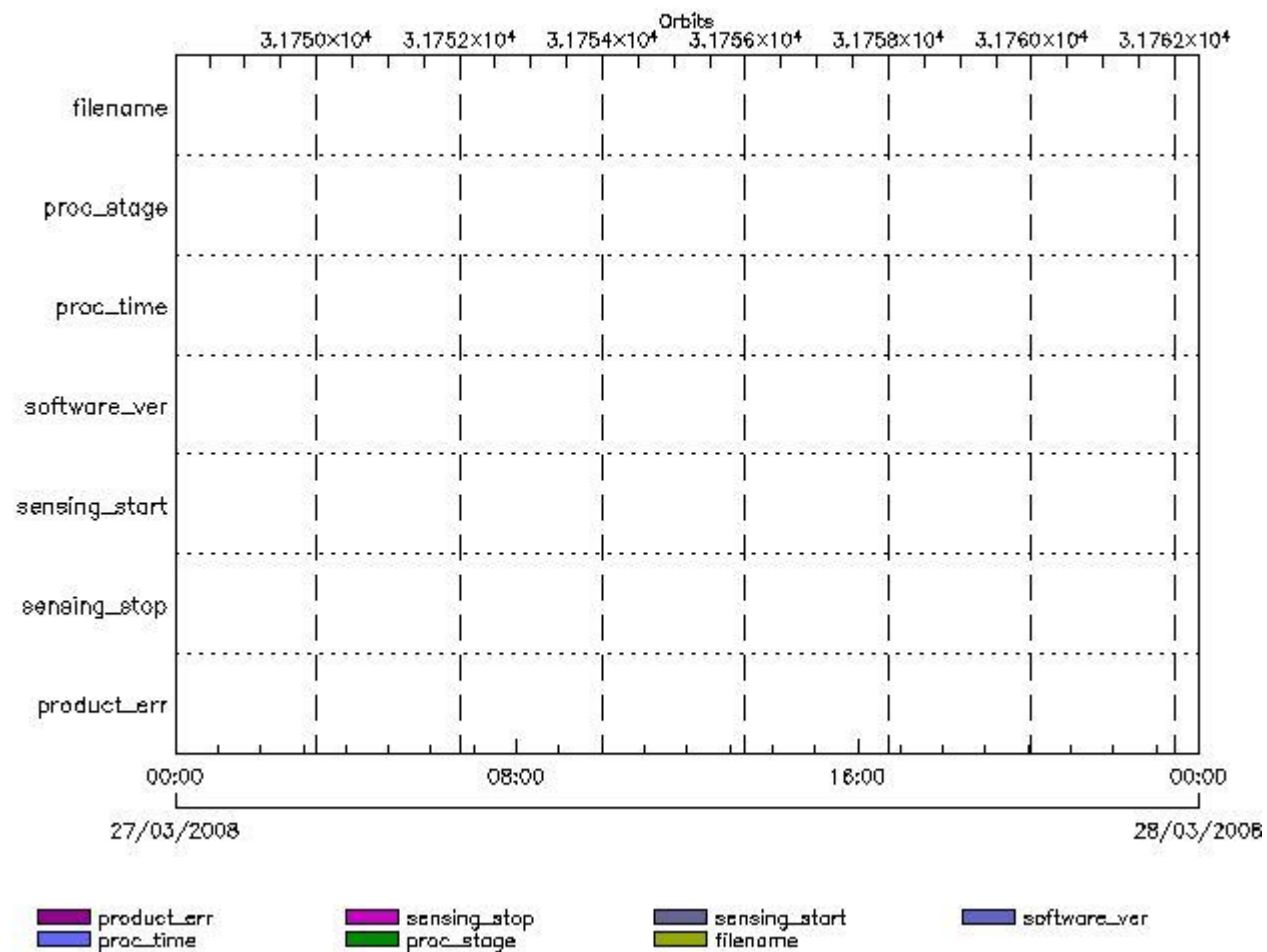
RA2\_SET\_AX files with wrong sensing stop

Gauge Explicit Reference  
 RA2\_SET\_AX files with product err set

Gauge Explicit Reference

RA2\_SL1\_AX MPH checks

MPH Errors for RA2\_SL1\_AX



RA2\_SL1\_AX files with wrong filename

Gauge  
 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

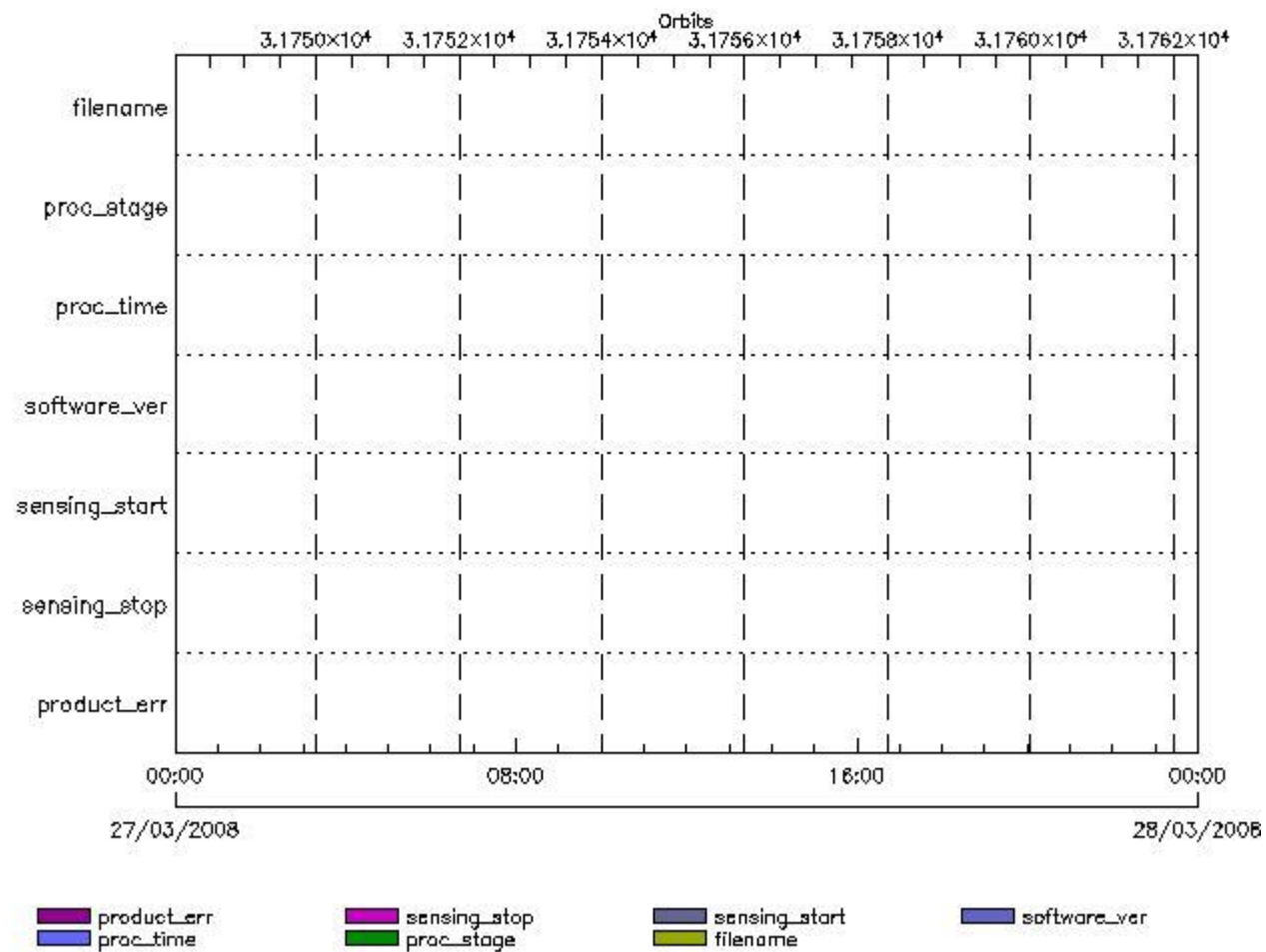
Gauge Explicit Reference

RA2\_SL1\_AX files with product err set

Gauge Explicit Reference

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

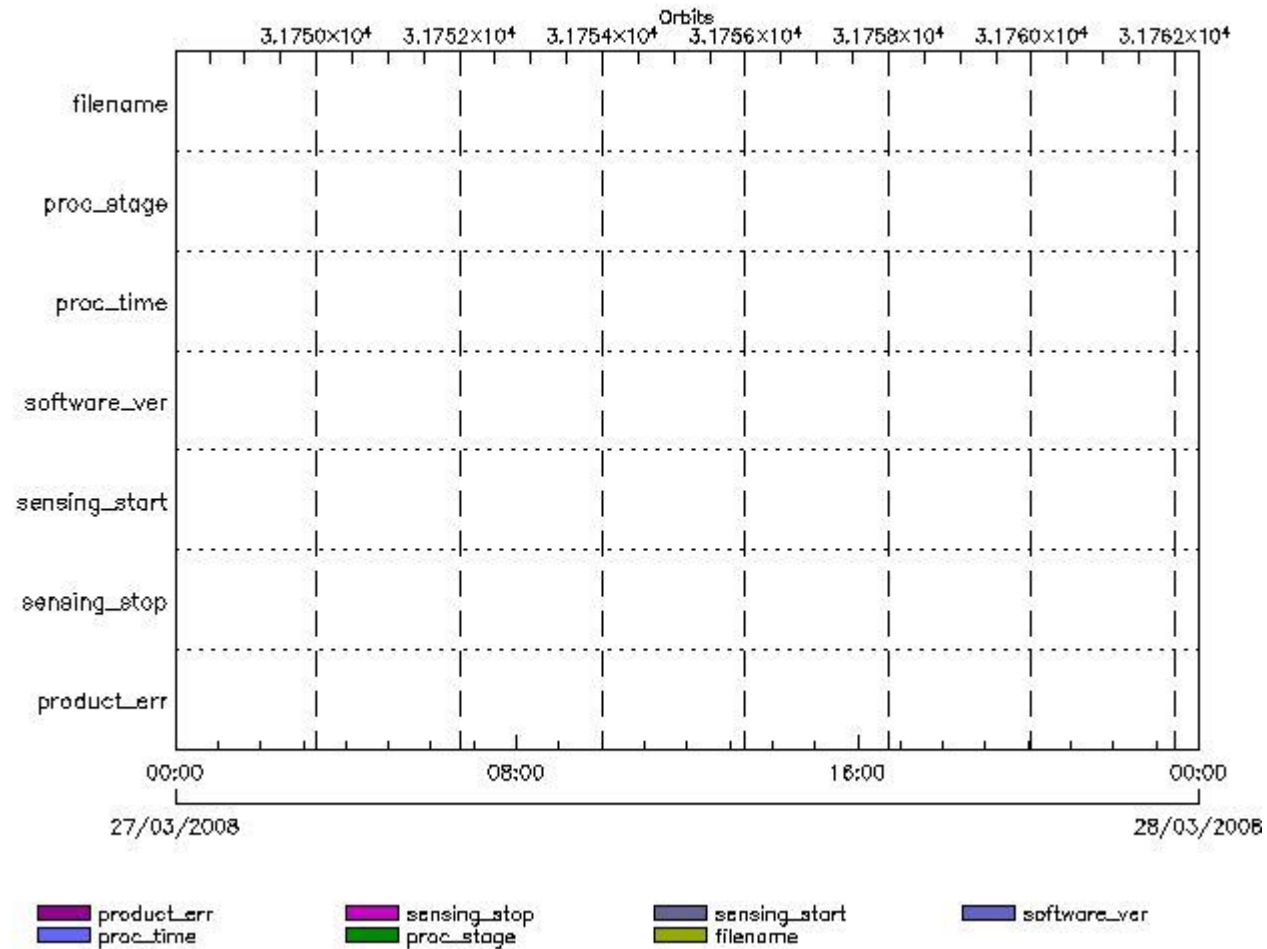
Gauge Explicit Reference

RA2\_SL2\_AX files with product err set

Gauge Explicit Reference

RA2\_SOI\_AX MPH checks

MPH Errors for RA2\_SOI\_AX



RA2\_SOI\_AX files with wrong filename

Gauge

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

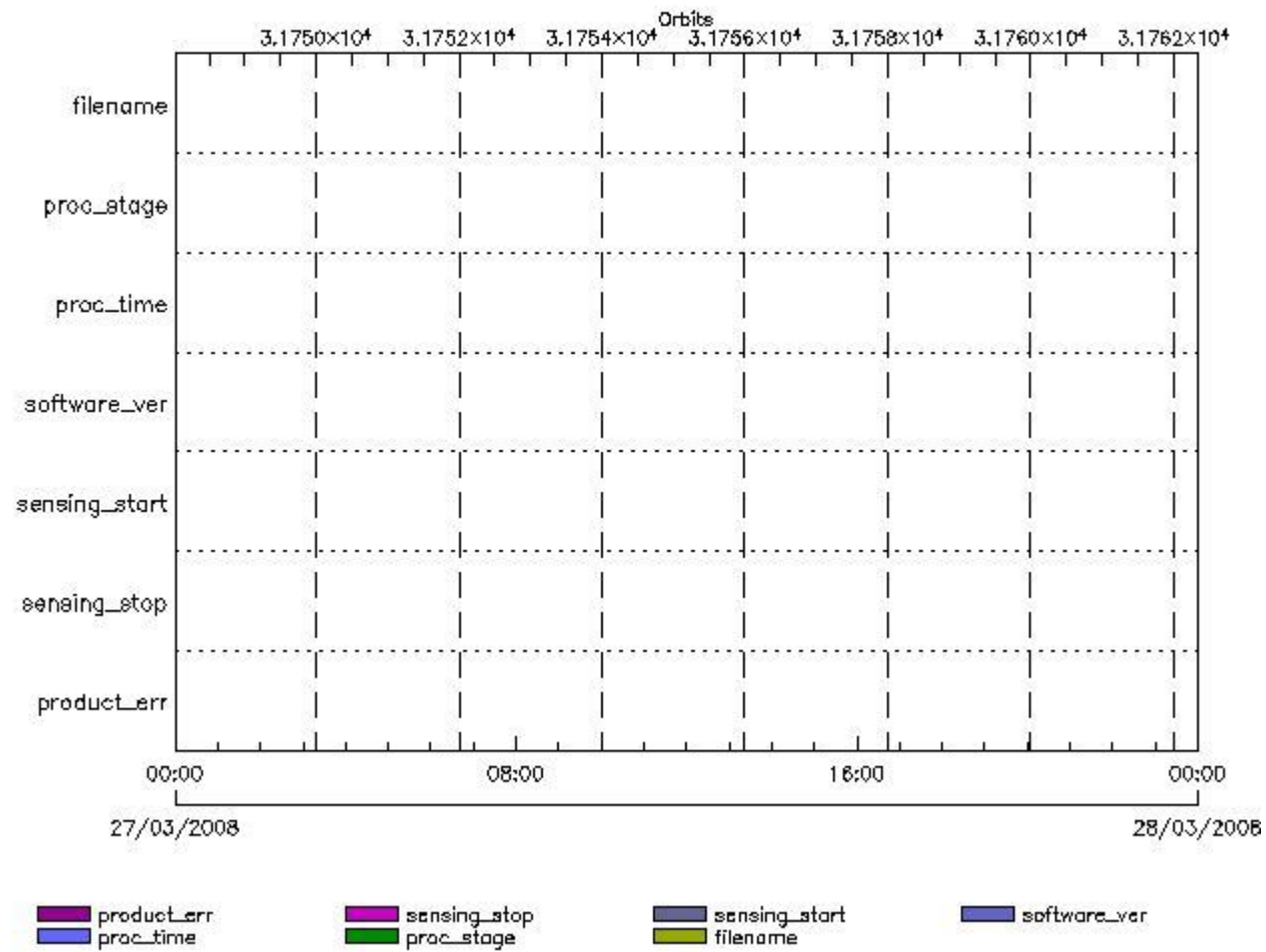
Gauge Explicit Reference

RA2\_SOI\_AX files with product err set

Gauge Explicit Reference

RA2\_SOL\_AX MPH checks

MPH Errors for RA2\_SOL\_AX



RA2\_SOL\_AX files with wrong filename

Gauge

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

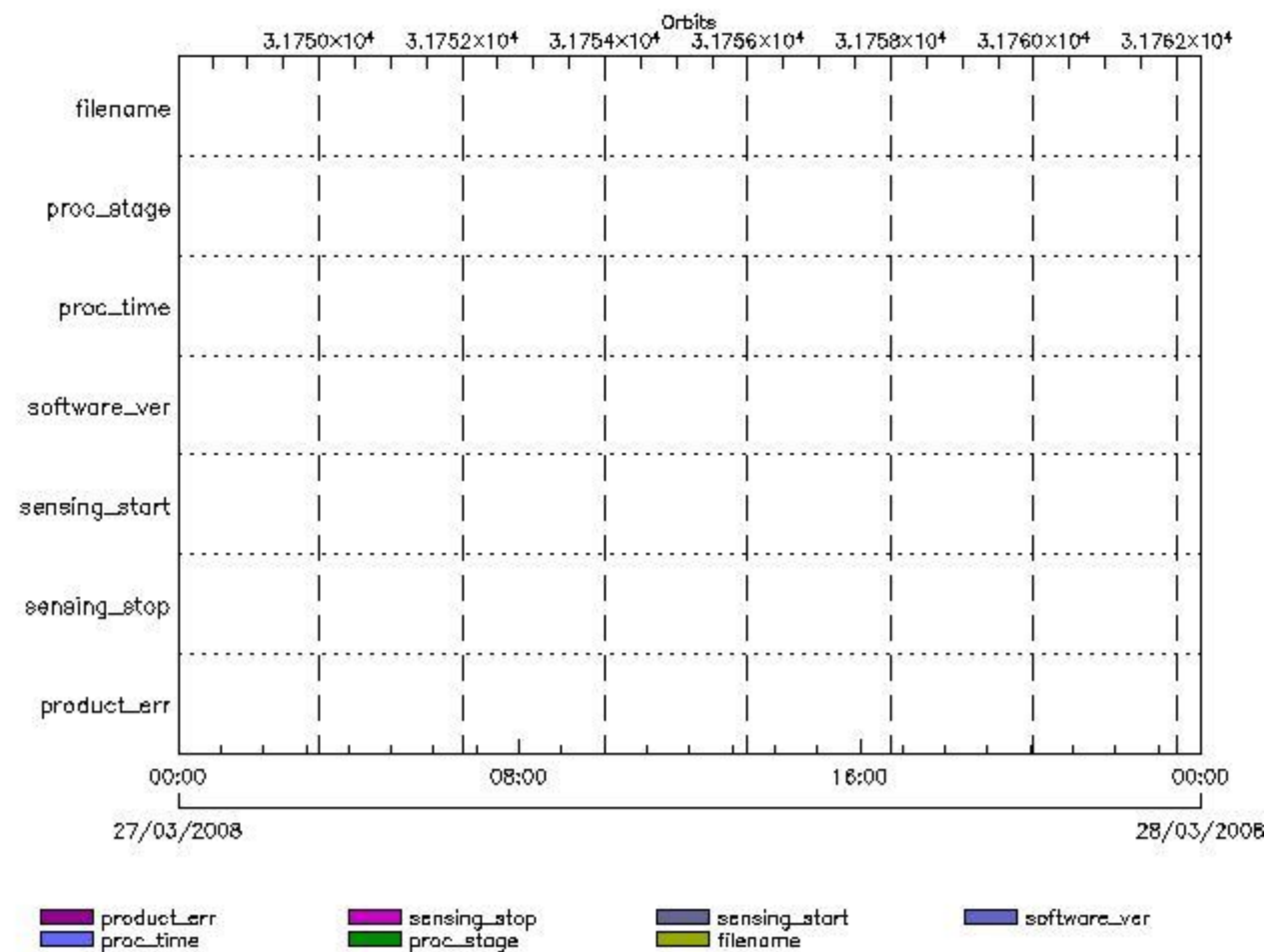
Gauge Explicit Reference

RA2\_SOL\_AX files with product err set

Gauge Explicit Reference

## 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

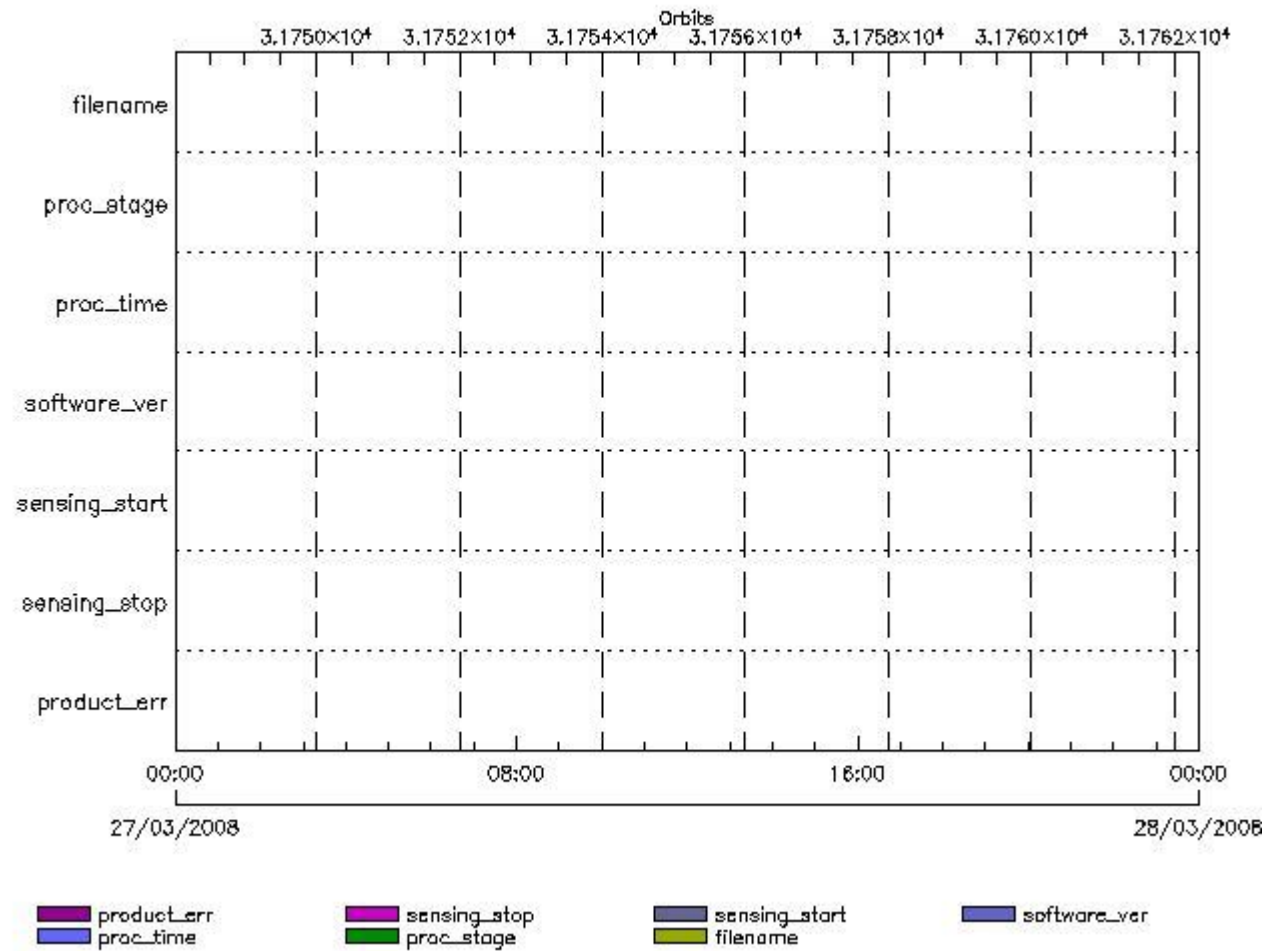
Gauge Explicit Reference

RA2\_SSB\_AX files with product err set

Gauge Explicit Reference

RA2\_TLD\_AX MPH checks

MPH Errors for RA2\_TLD\_AX





RA2\_TLD\_AX files with wrong filename

RA2\_TLD\_AX files with  Gauge  Unknown processing stage

Gauge  Explicit Reference

RA2\_TLD\_AX files with wrong processing time

Gauge  Explicit Reference

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

Gauge  Explicit Reference

RA2\_TLD\_AX files with wrong sensing start

Gauge  Explicit Reference

RA2\_TLD\_AX files with wrong sensing stop

Gauge  Explicit Reference

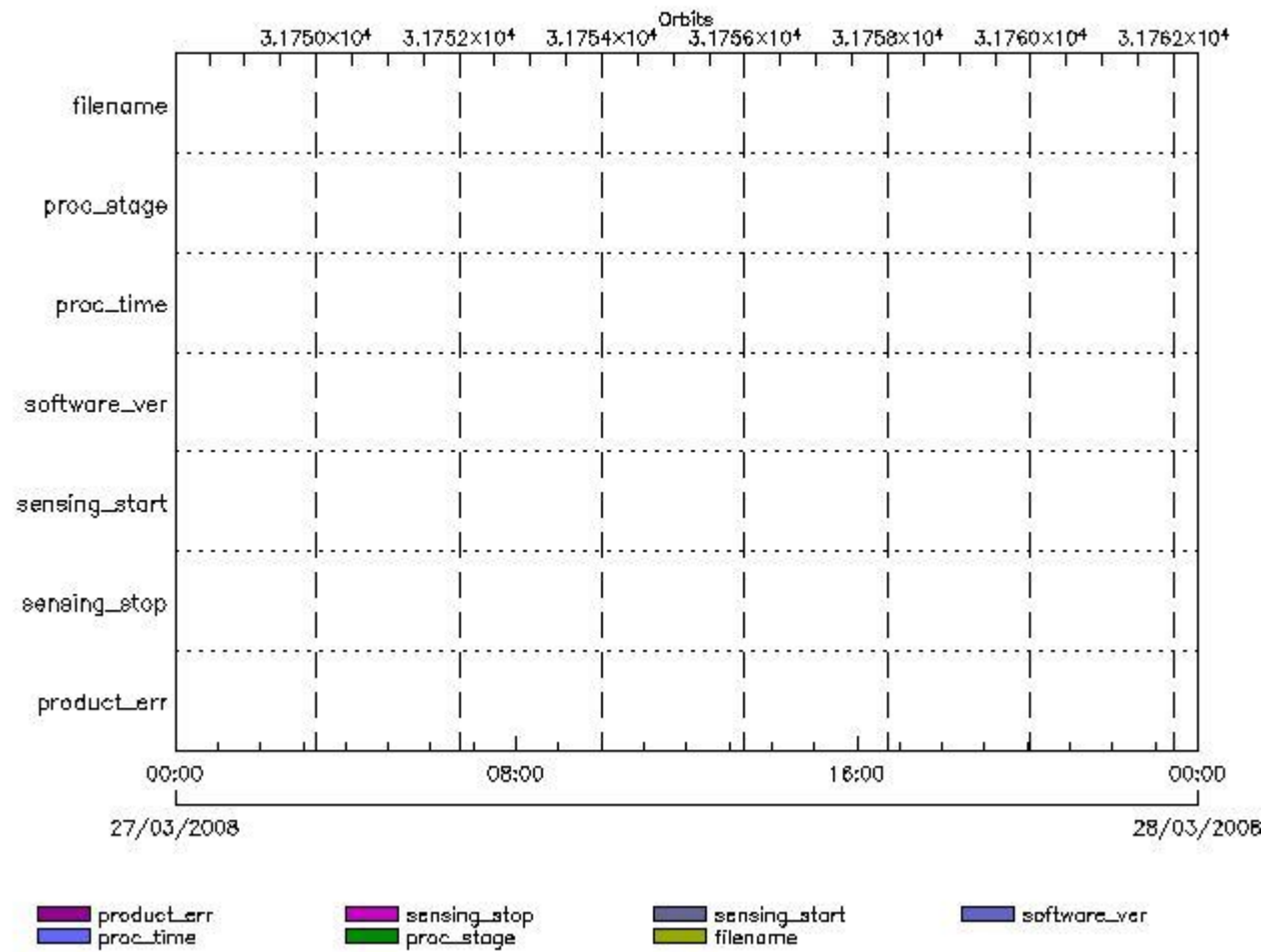
RA2\_TLD\_AX files with product err set

Gauge  Explicit Reference

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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**

**Gauge Explicit Reference**

**RA2\_USO\_AX files with wrong processing time**

**Gauge Explicit Reference**

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

**Gauge Explicit Reference**

**RA2\_USO\_AX files with wrong sensing start**

**Gauge Explicit Reference**

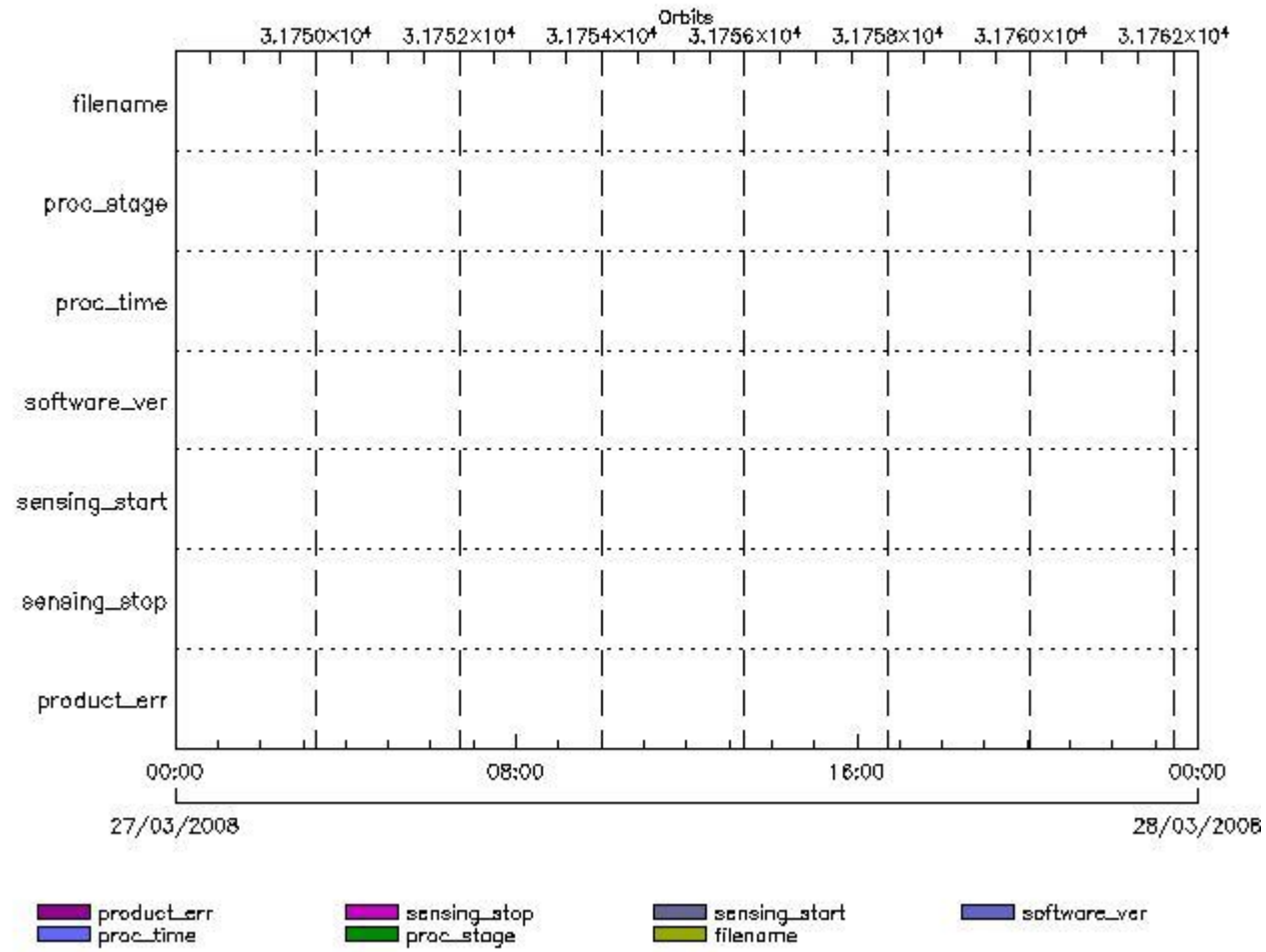
**RA2\_USO\_AX files with wrong sensing stop**

**Gauge Explicit Reference**

**RA2\_USO\_AX files with product err set**

**Gauge Explicit Reference**

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

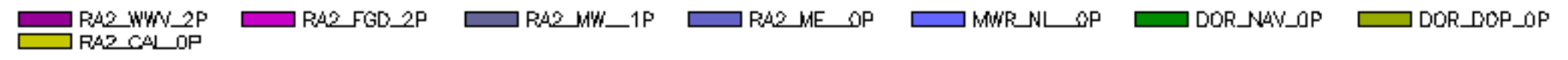
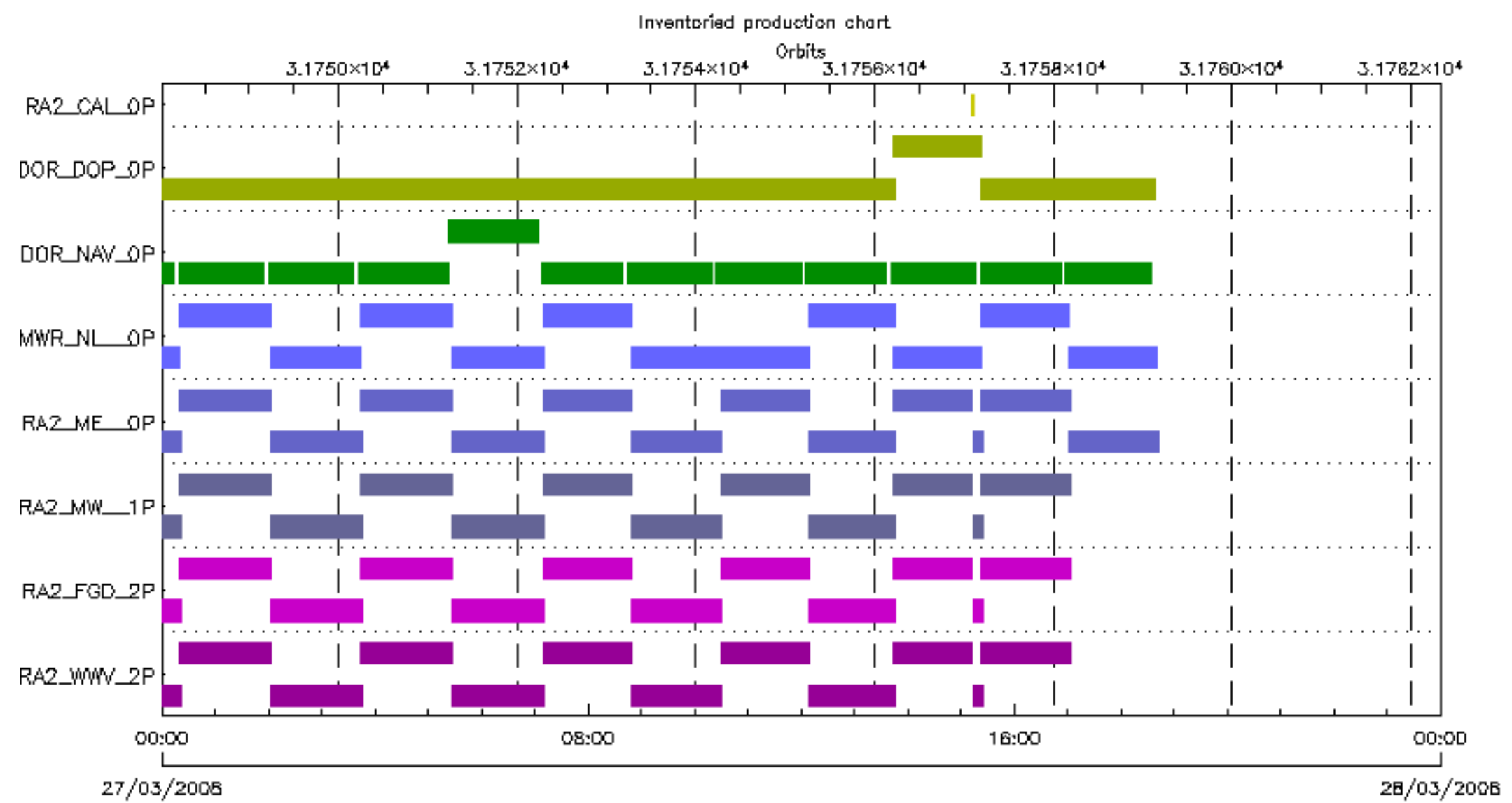
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## Time Correlation

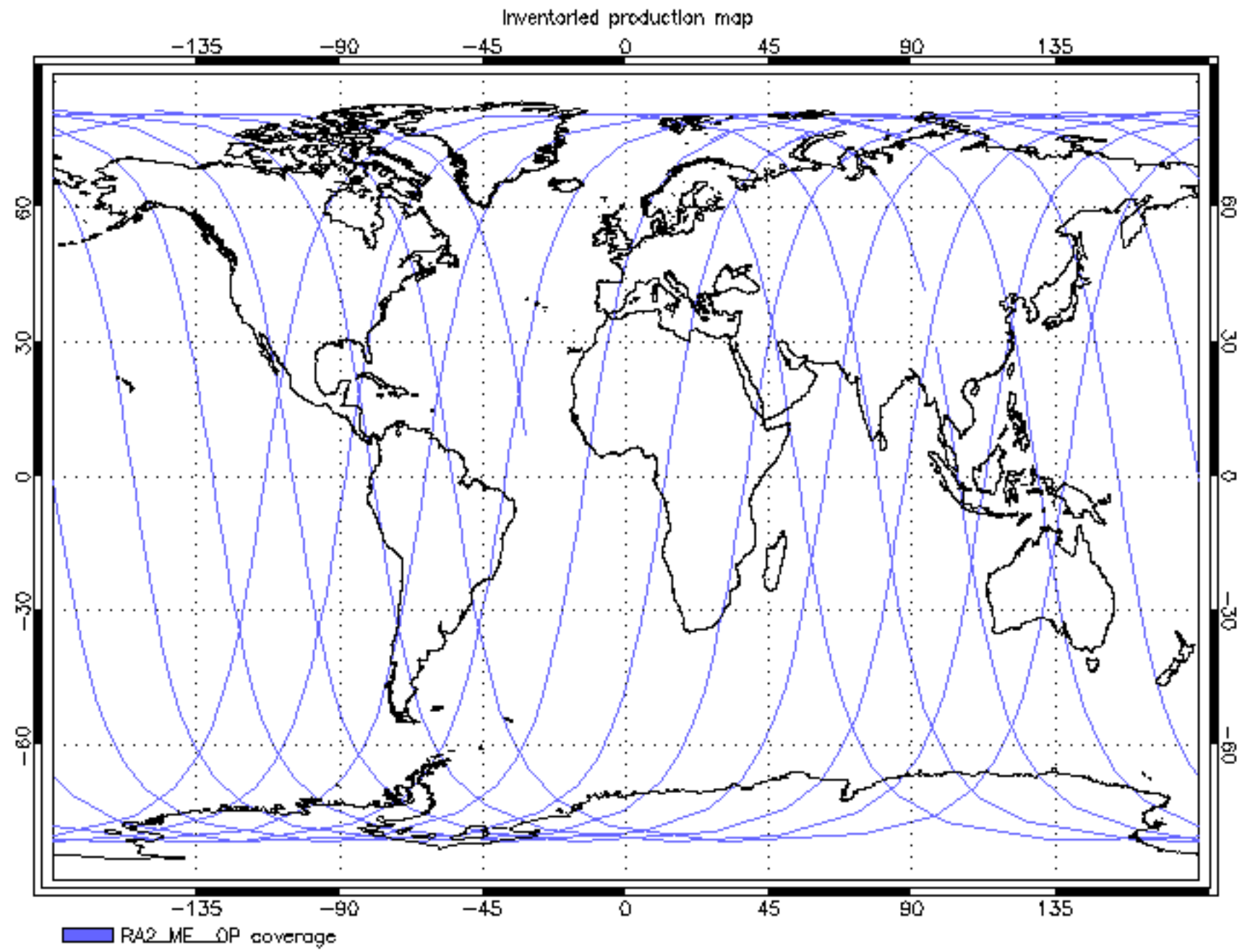
AUX\_TIM\_AX Propagation Error

Gauge Value Segment (Start-Stop)

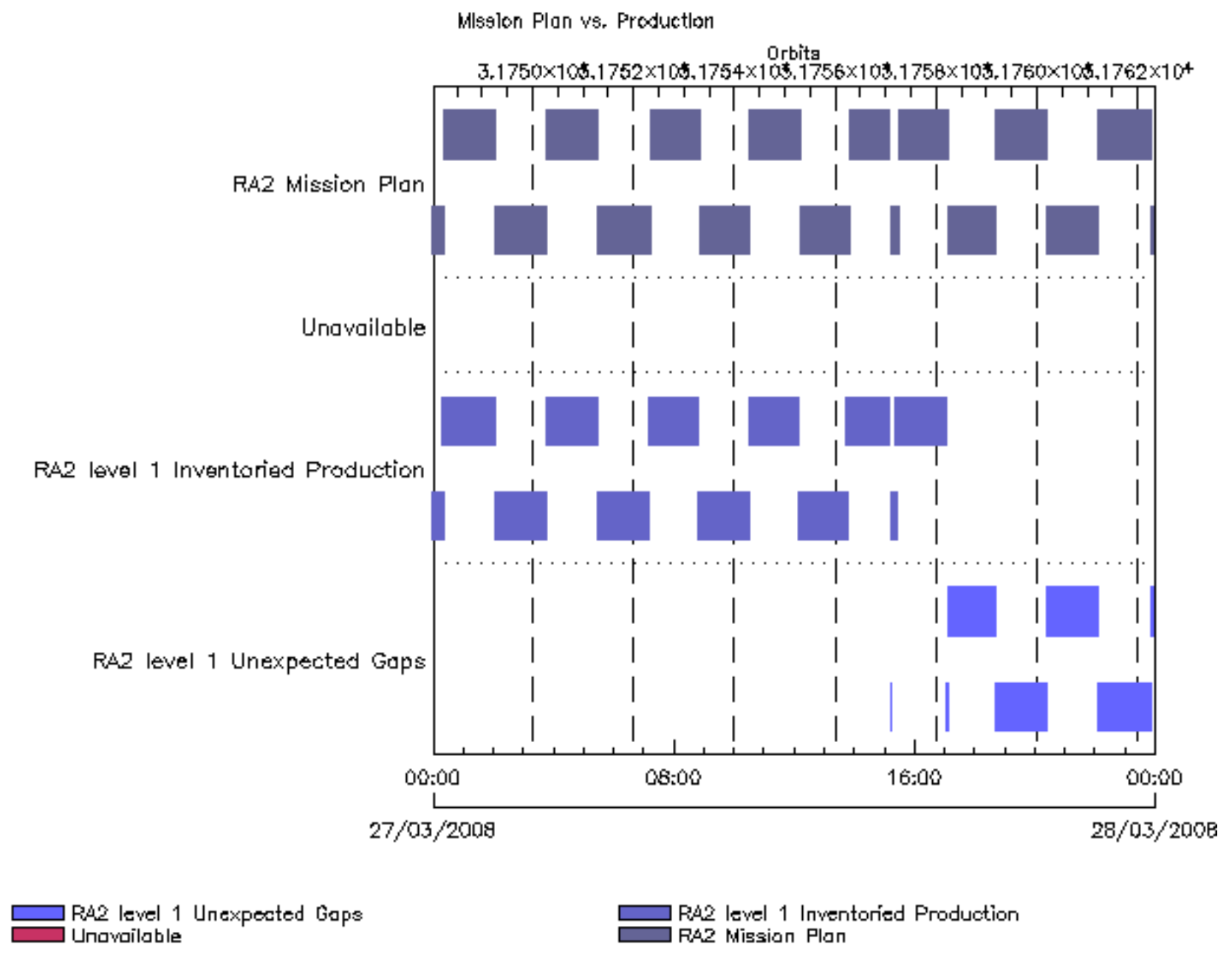
xReportTemplate. Copying internal and external template references...  
xReportTemplate. Processing Conditionals inclusions...  
xReportTemplate. ...No Conditionals inclusions found  
xReportTemplate. Generating data extraction schema document...  
xReportTemplate. Inserting embedded DEL scripts and extracting data...

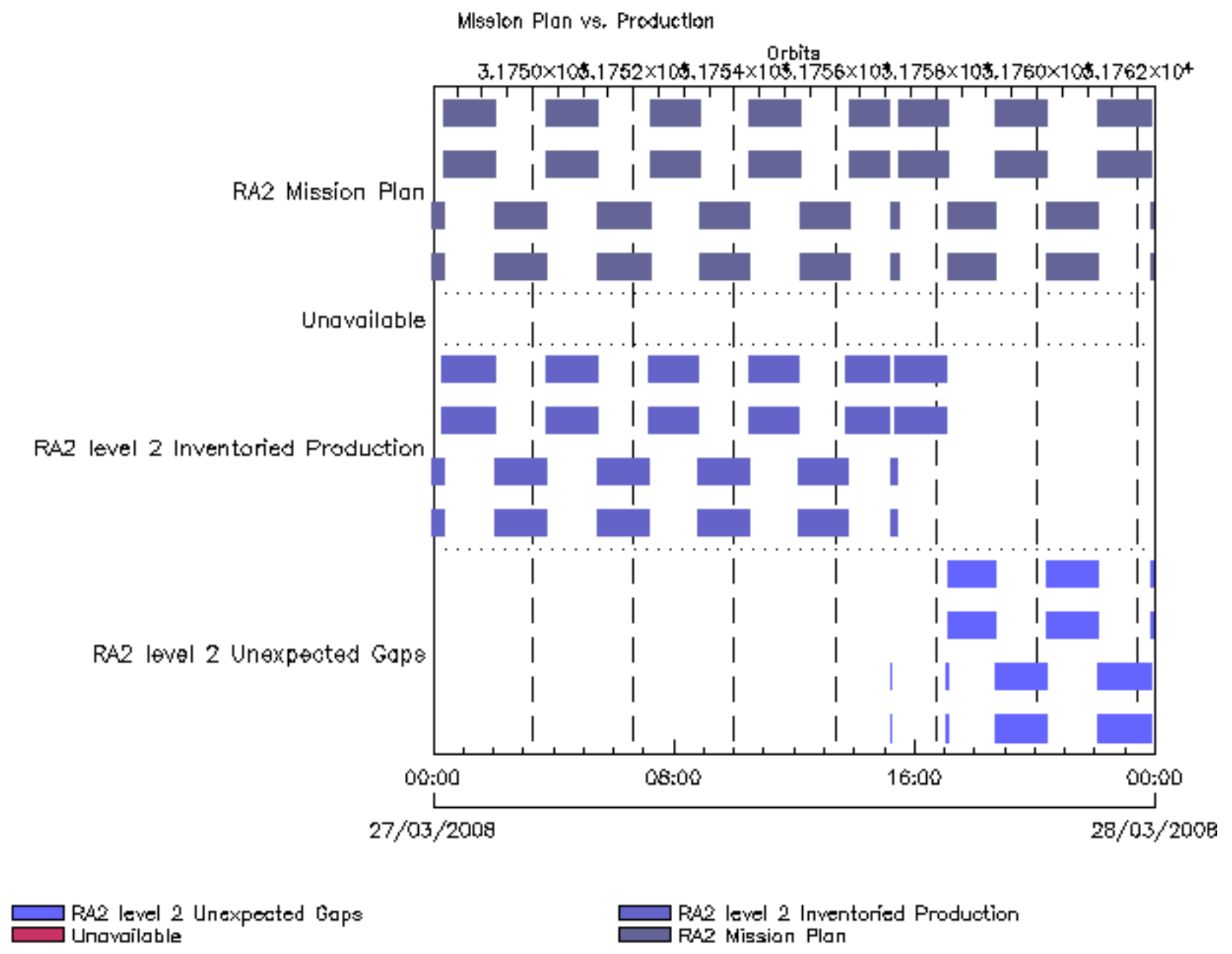


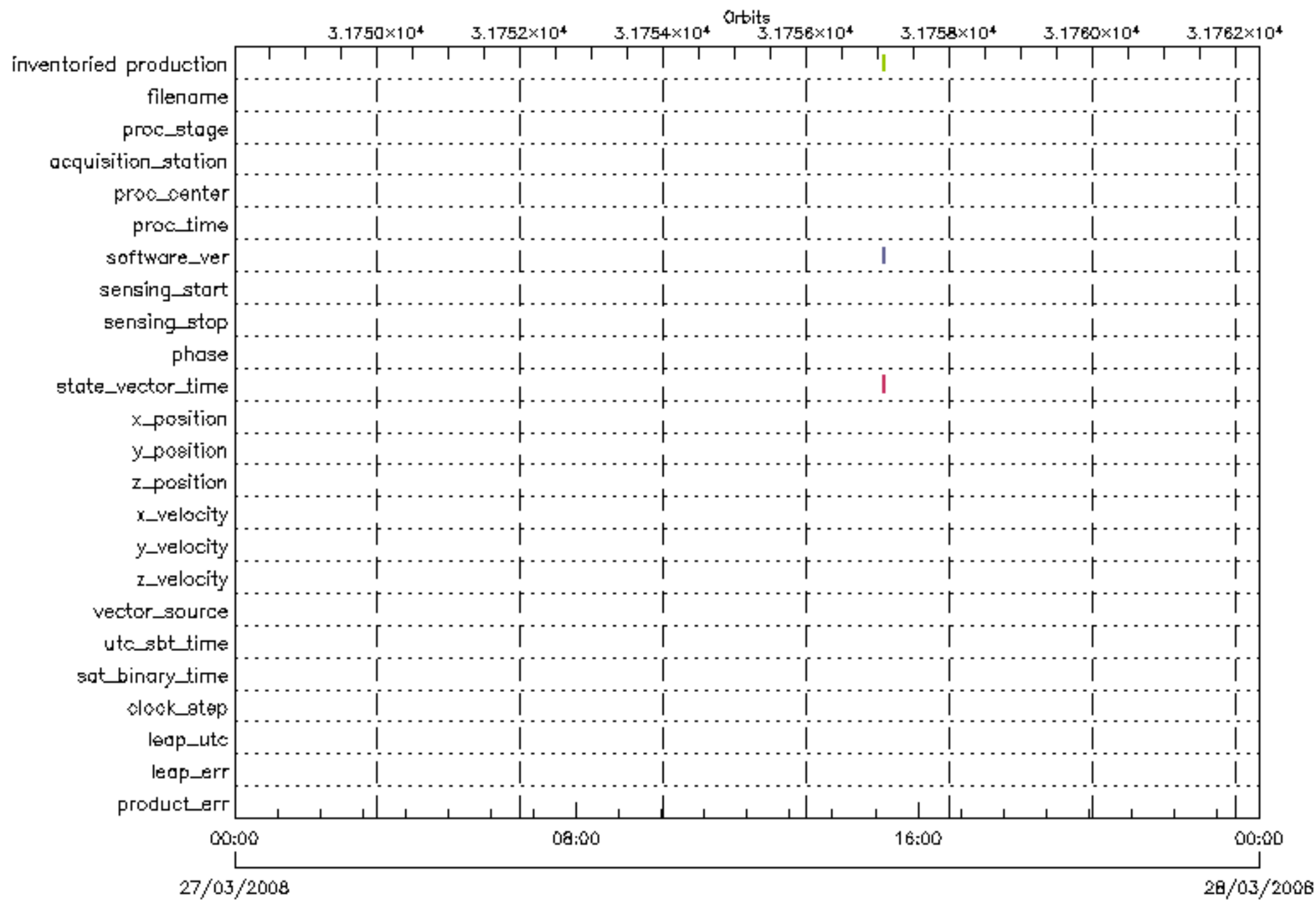


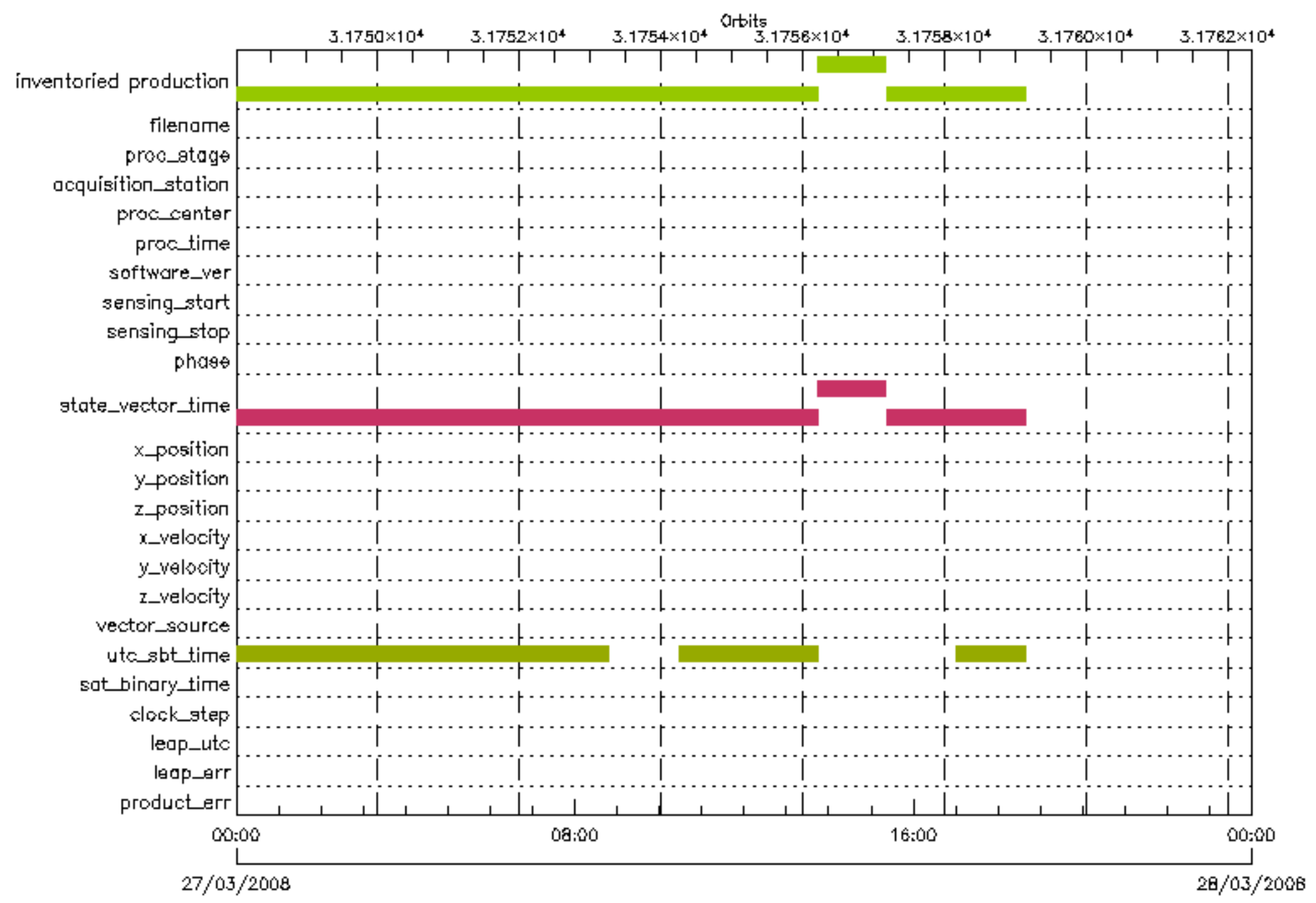




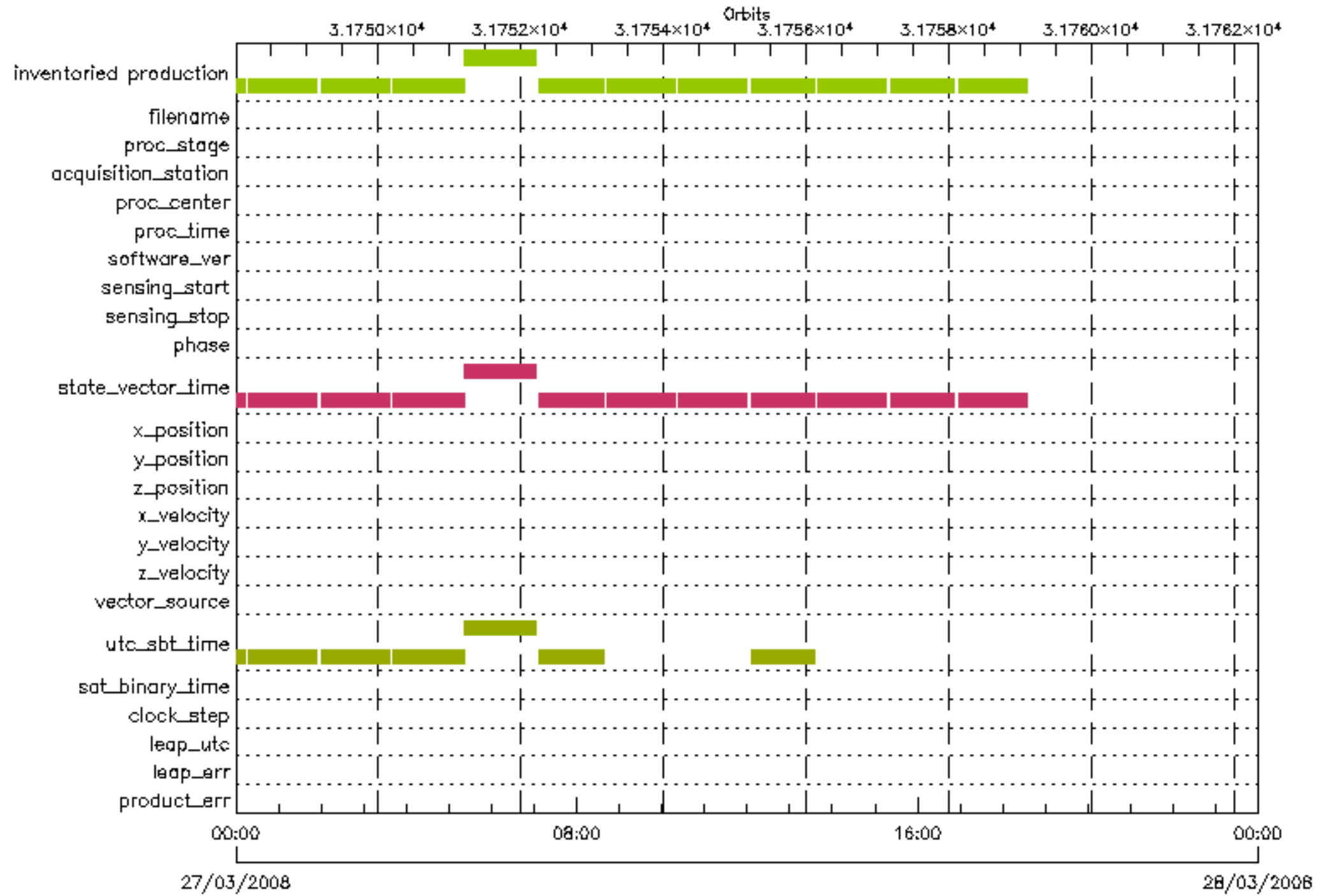


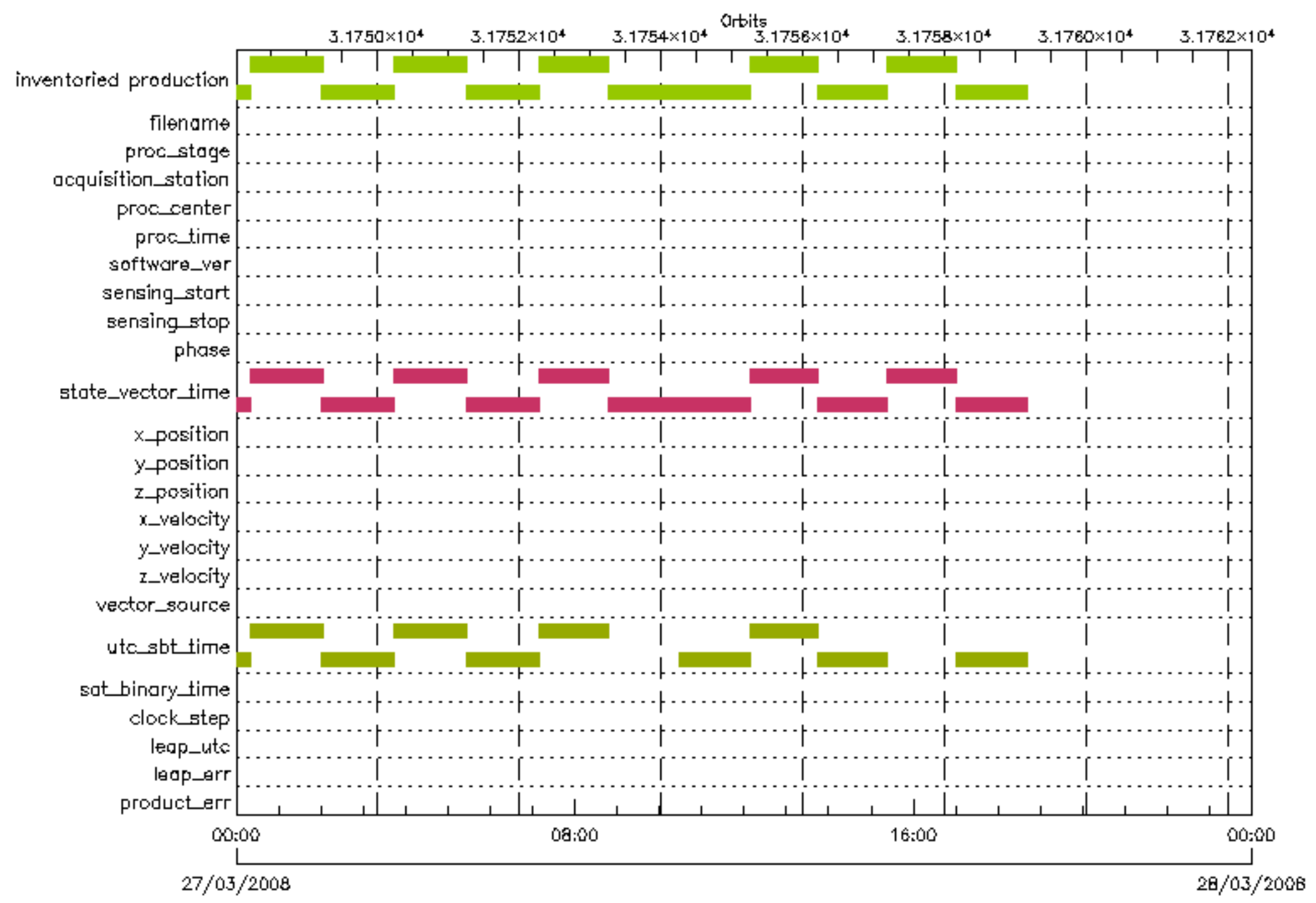


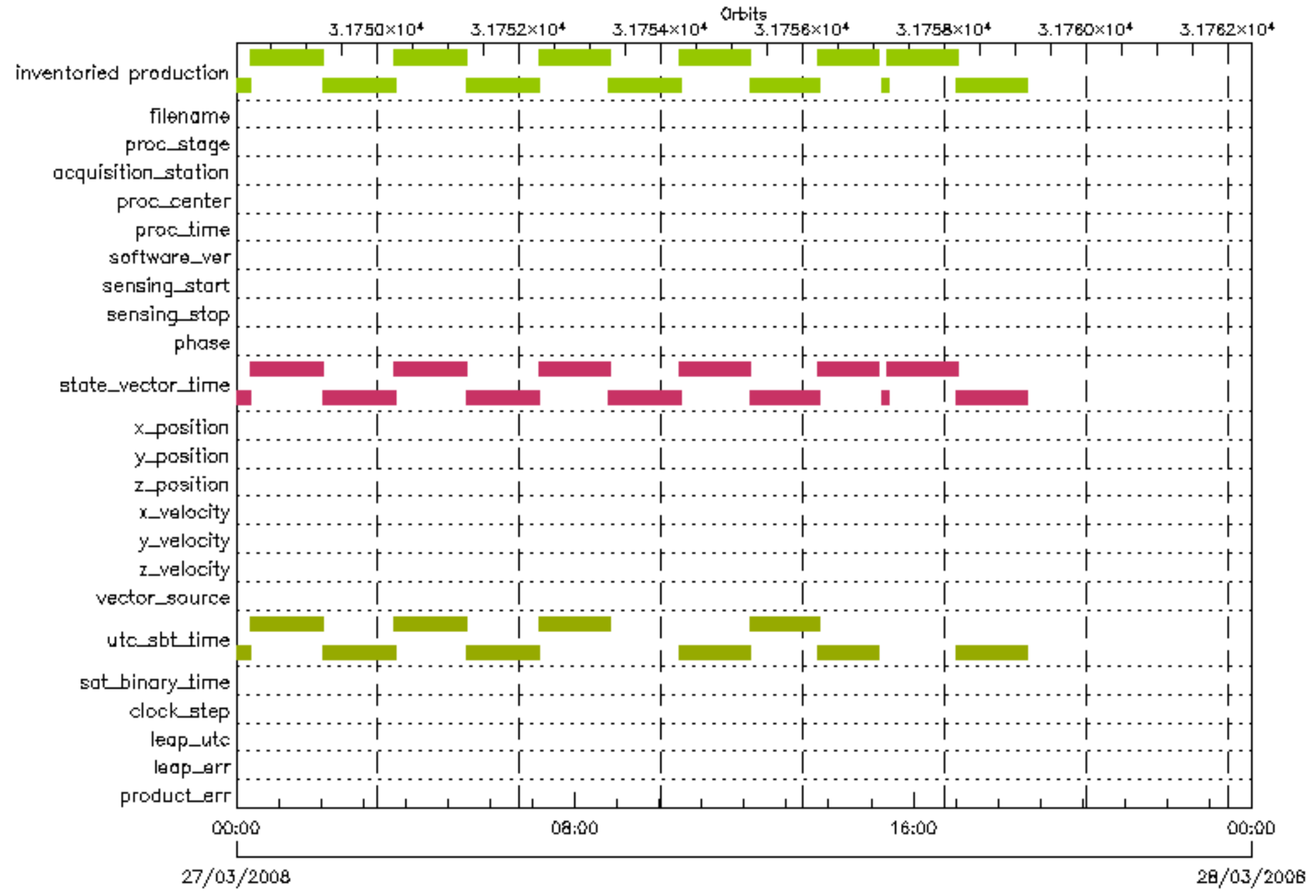


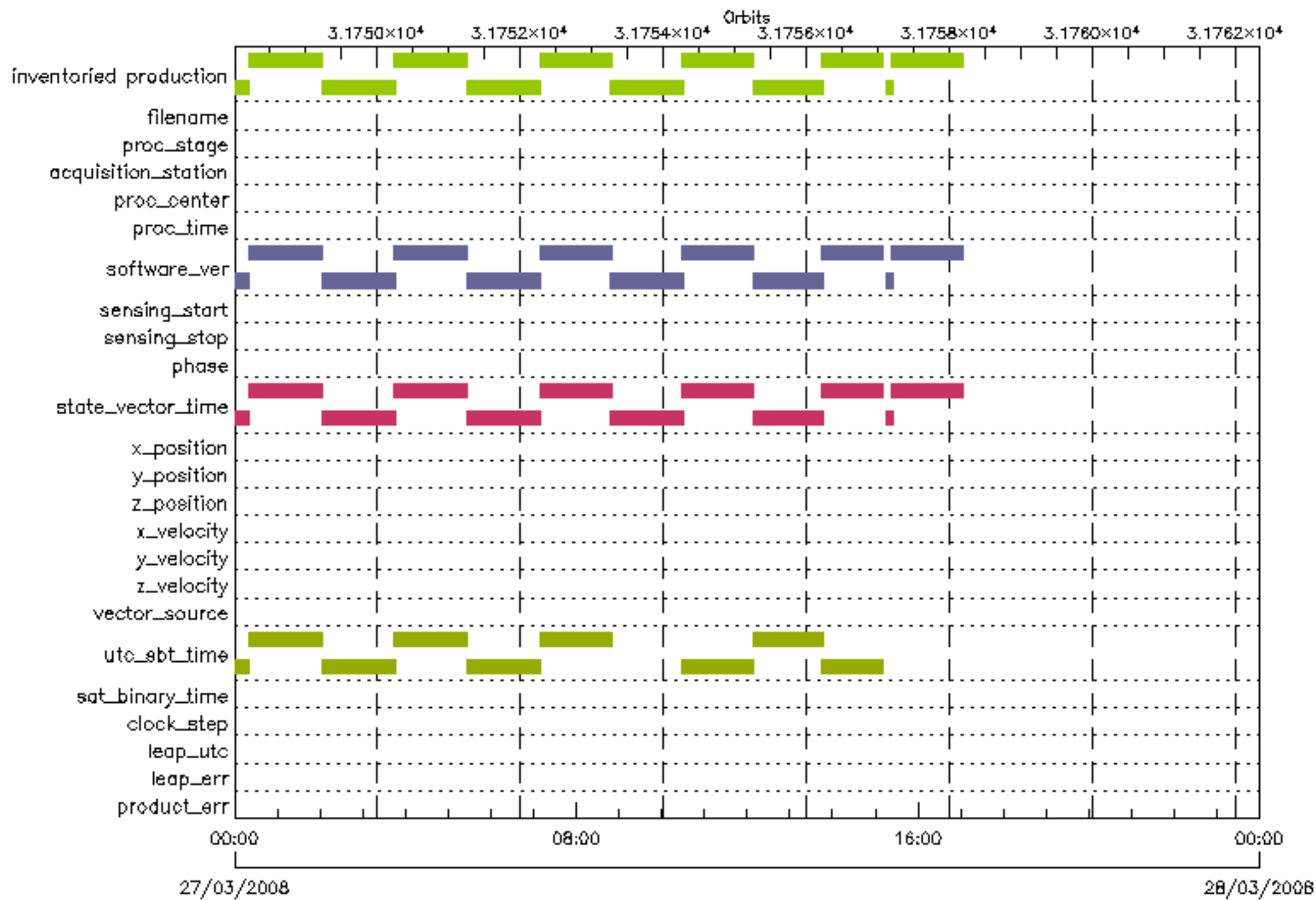


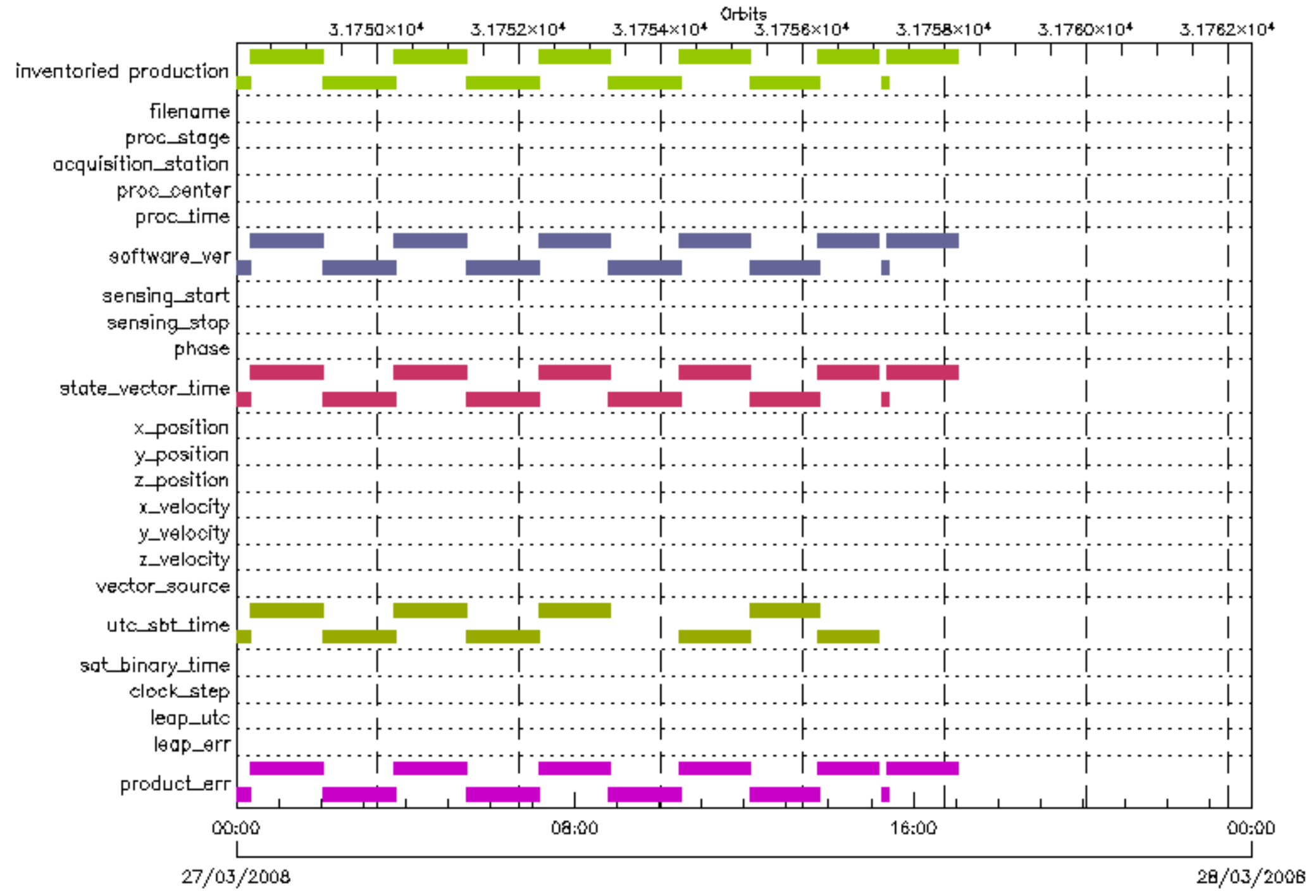


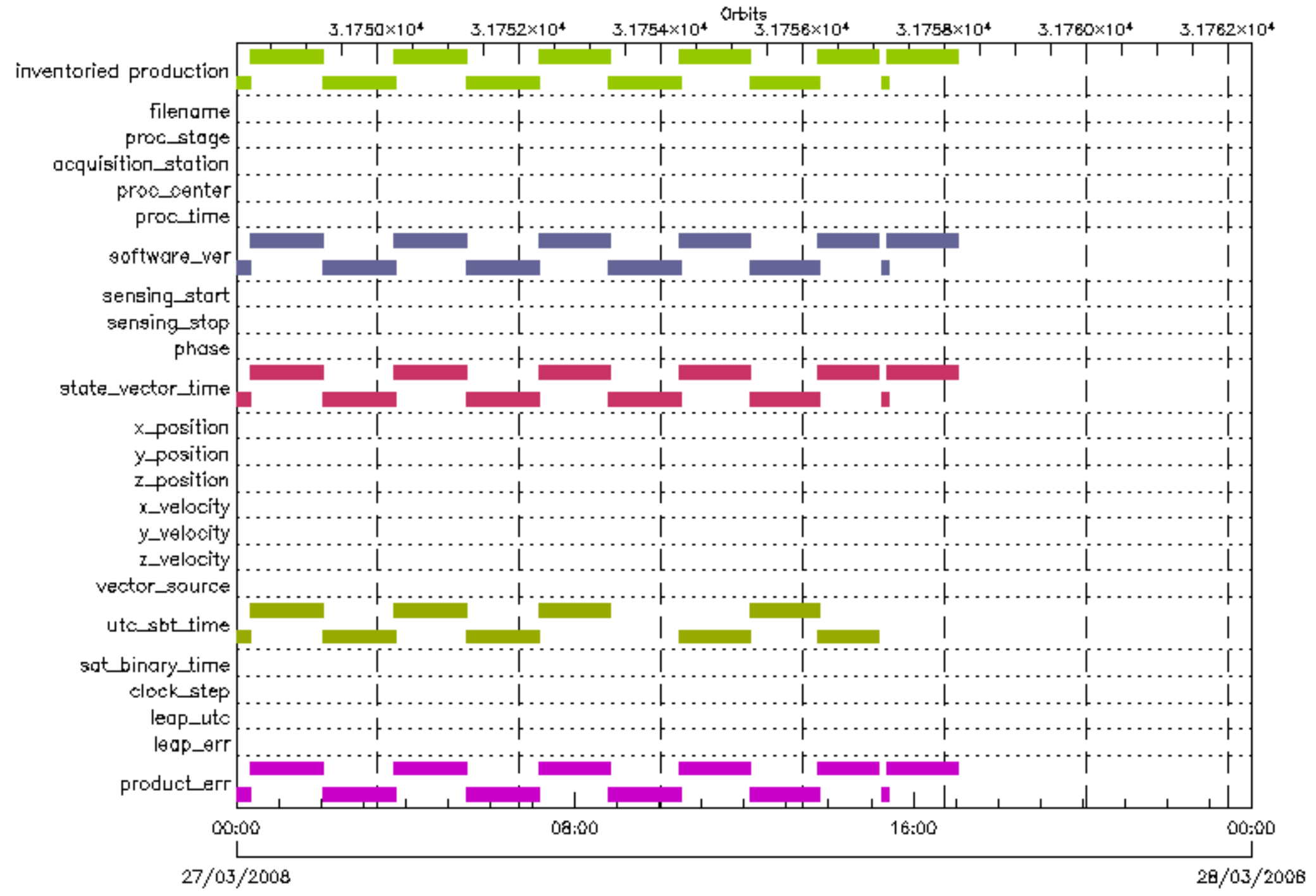




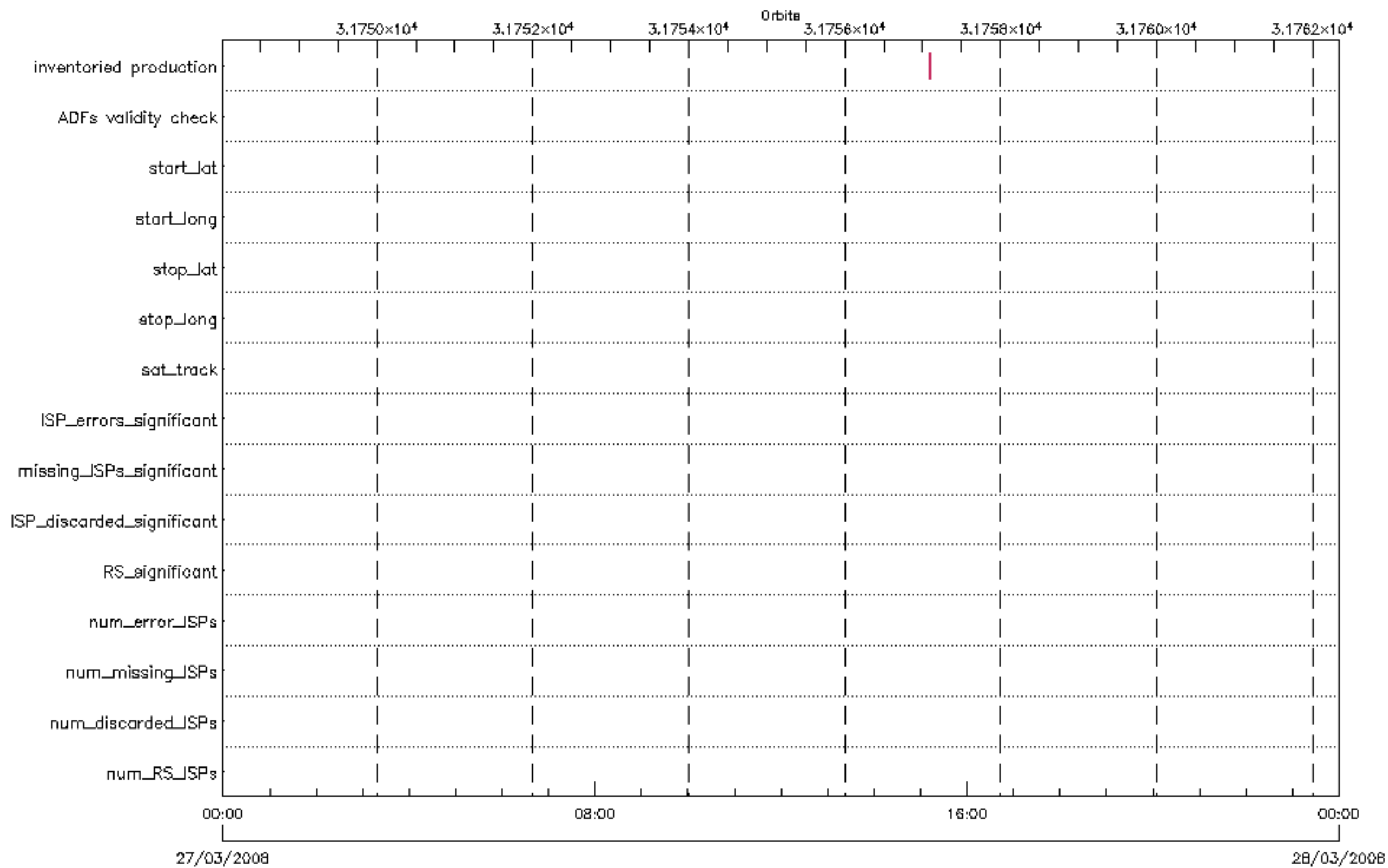


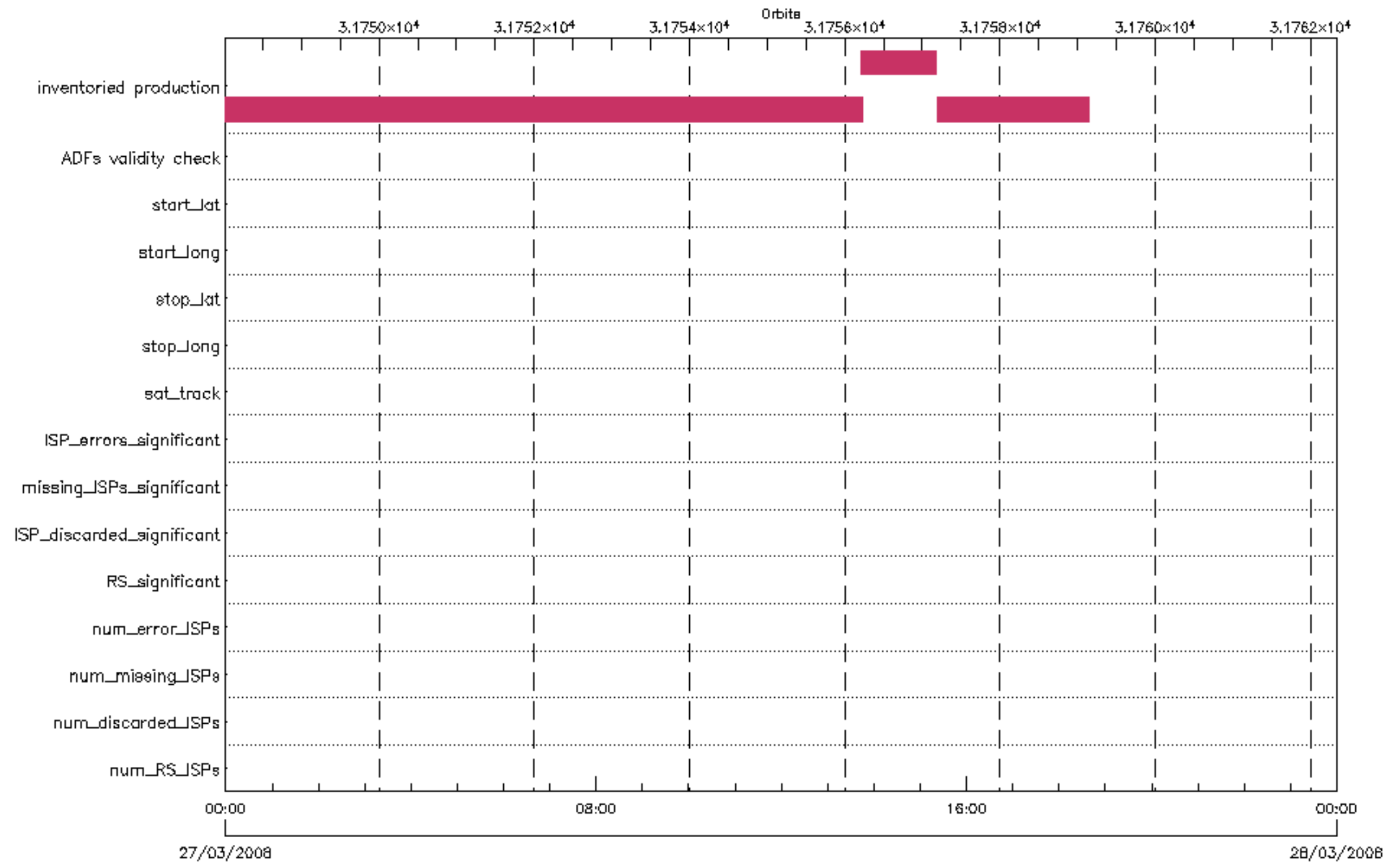




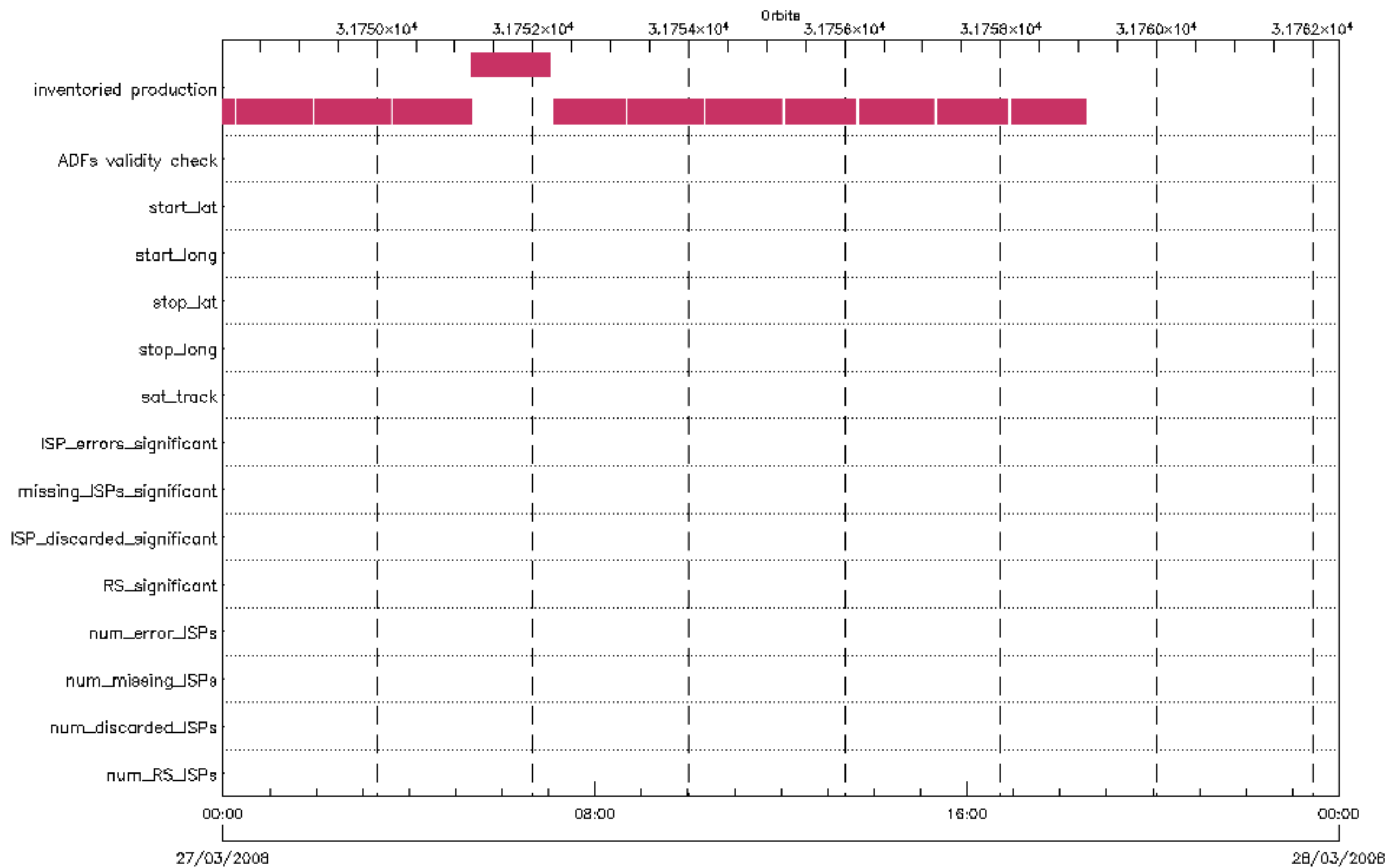


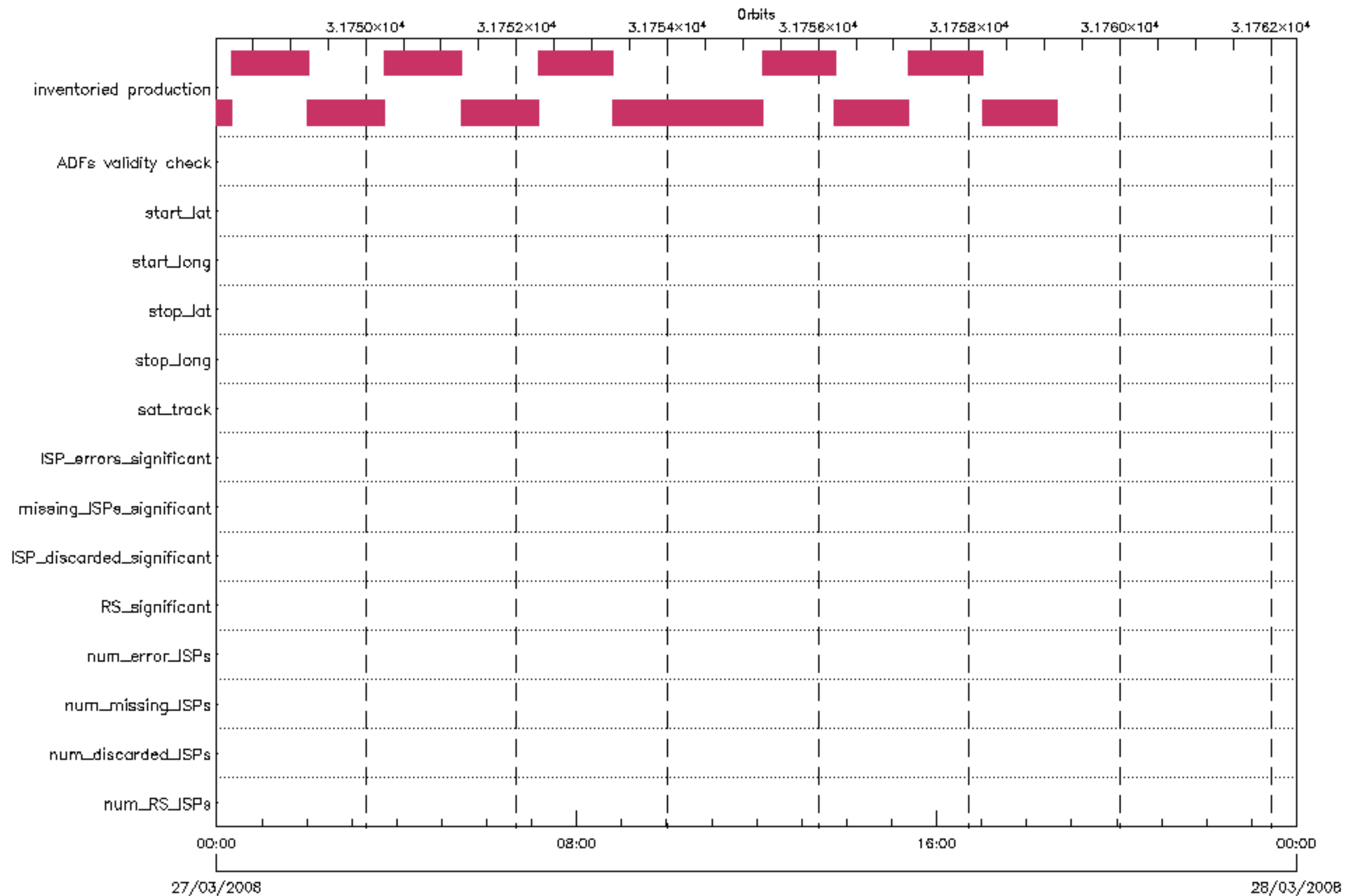


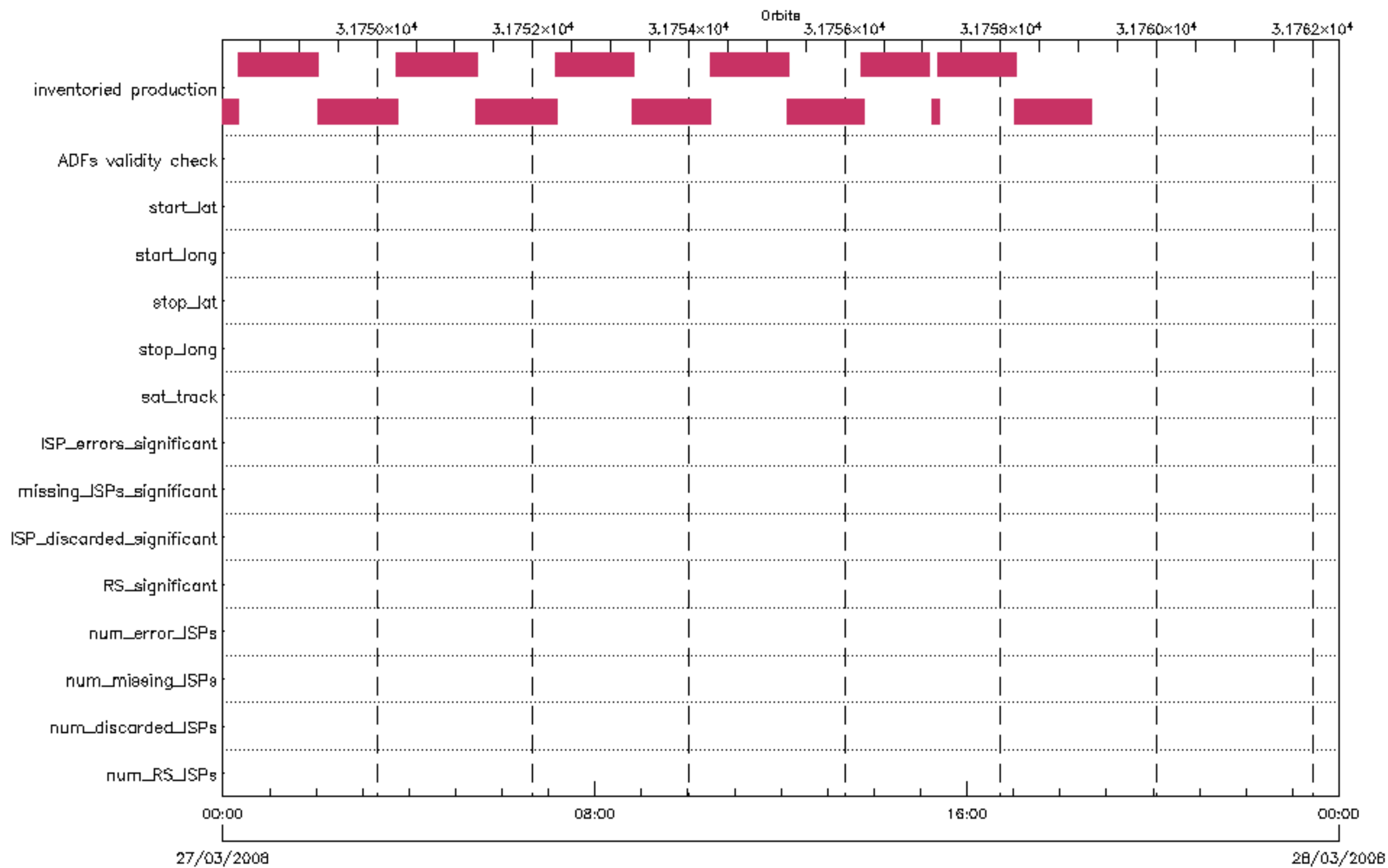


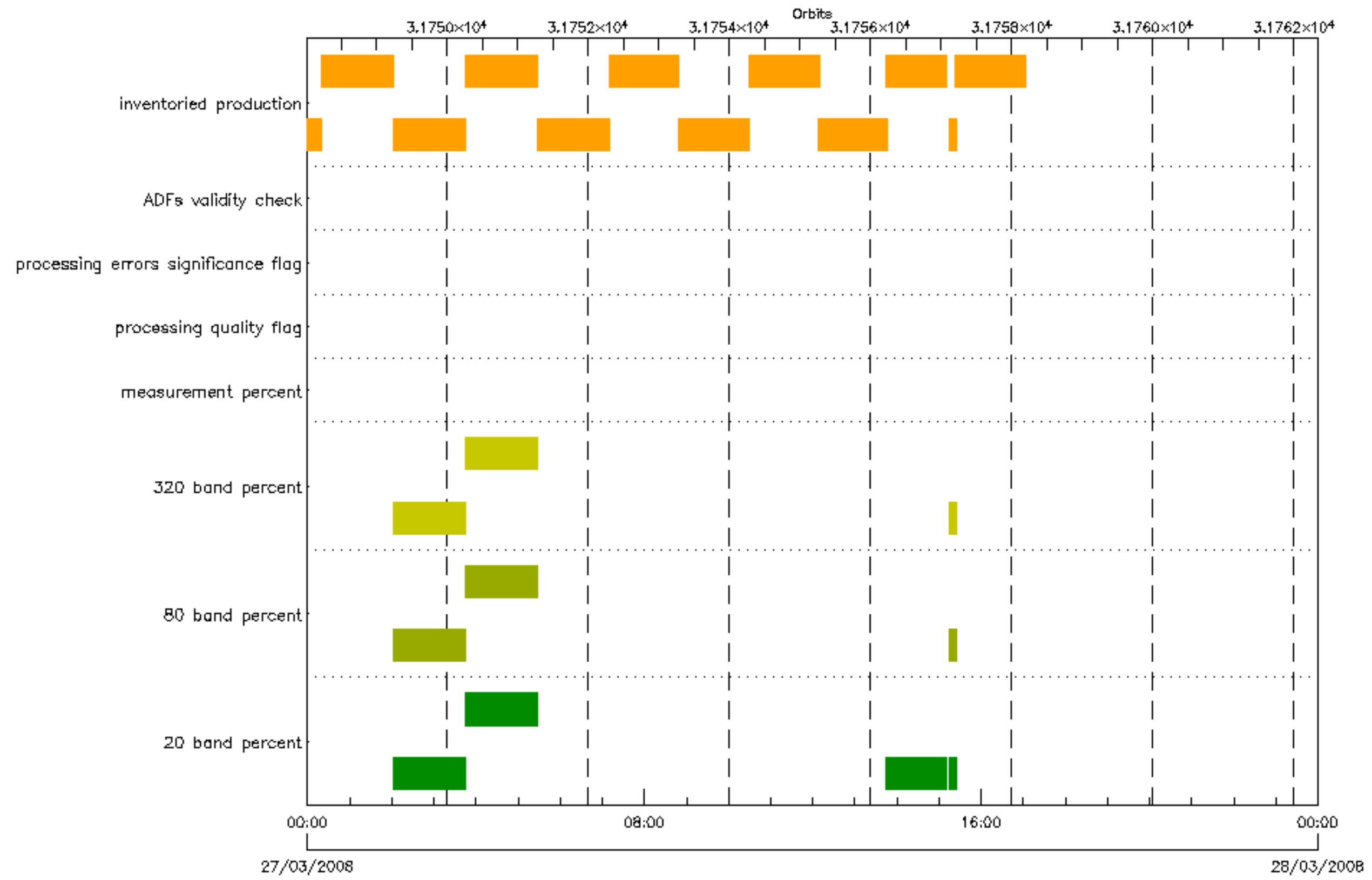


- |                           |                          |                        |                     |                        |
|---------------------------|--------------------------|------------------------|---------------------|------------------------|
| num_RS_JSPs               | num_discarded_JSPs       | num_missing_JSPs       | num_error_JSPs      | RS_significant         |
| ISP_discarded_significant | missing_JSPs_significant | ISP_errors_significant | sat_track           | stop_Long              |
| stop_Jat                  | start_Long               | start_Jat              | ADFs validity check | inventoried production |



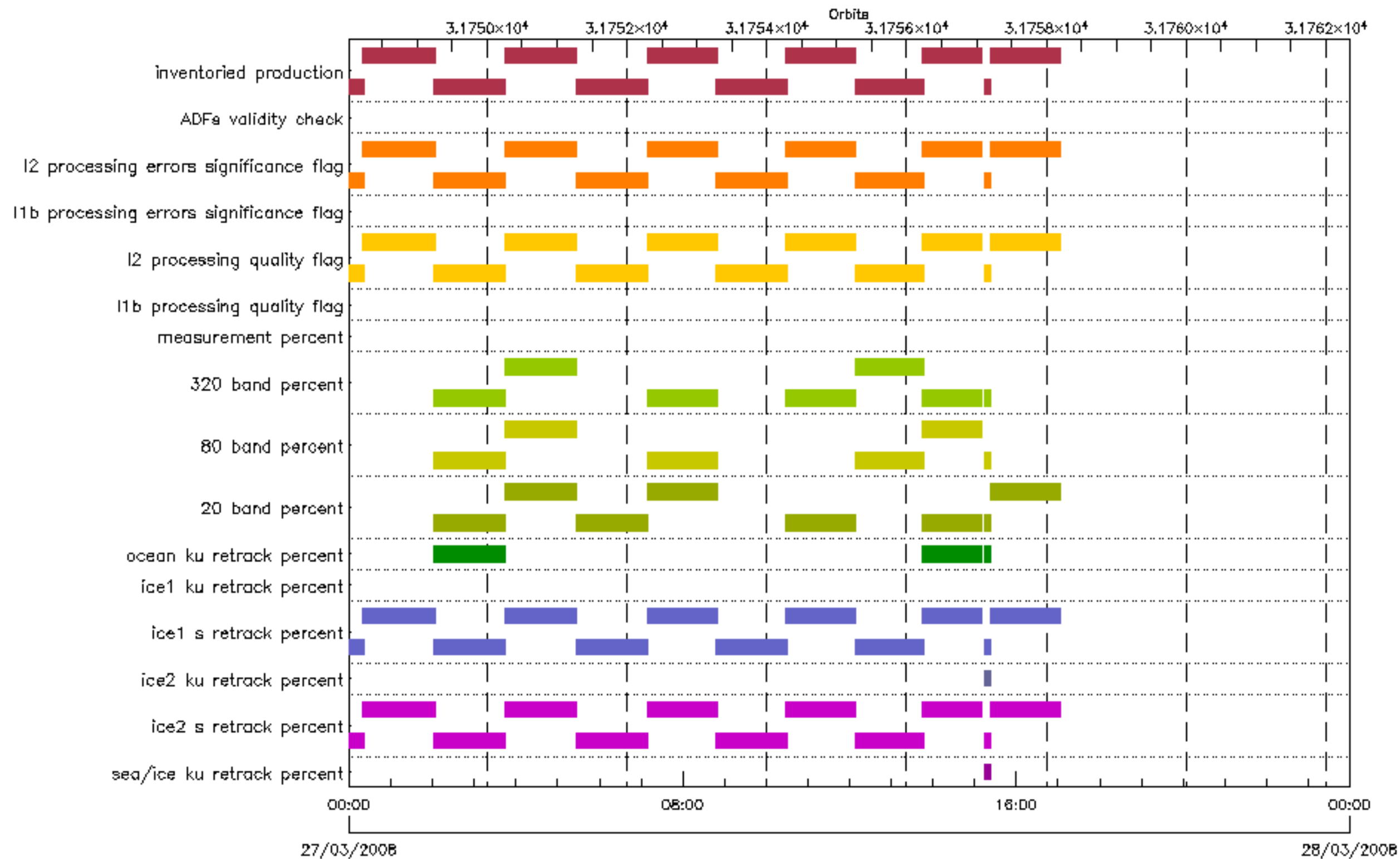






- 20 band percent
- measurement percent
- ADFs validity check
- 80 band percent
- processing quality flag
- inventoried production
- 320 band percent
- processing errors significance flag

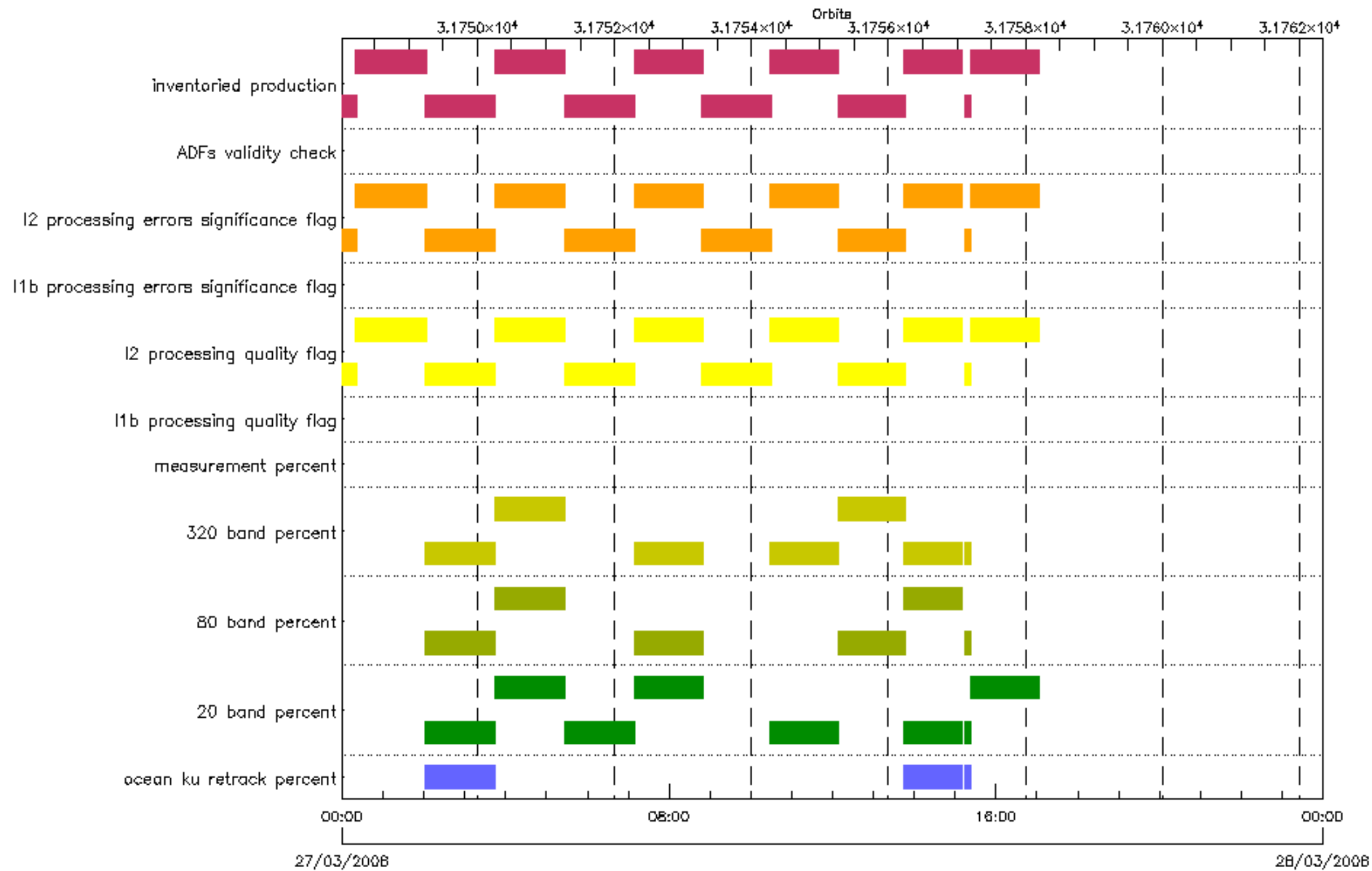




- sea/ice ku retrack percent
- ice1 s retrack percent
- 20 band percent
- measurement percent
- 11b processing errors significance flag
- inventoried production

- ice2 s retrack percent
- ice1 ku retrack percent
- 80 band percent
- 11b processing quality flag
- 12 processing errors significance flag

- ice2 ku retrack percent
- ocean ku retrack percent
- 320 band percent
- 12 processing quality flag
- ADFs validity check



■ ocean ku retrack percent  
■ 320 band percent  
■ I2 processing quality flag  
■ ADFs validity check

■ 20 band percent  
■ measurement percent  
■ I1b processing errors significance flag  
■ inventoried production

■ 80 band percent  
■ I1b processing quality flag  
■ I2 processing errors significance flag

