



Manual Project Management Board

“OPERATIONAL ACTIVITIES for MARS ACTIONS – Period 3” (MARSOP 3) 2008-2013

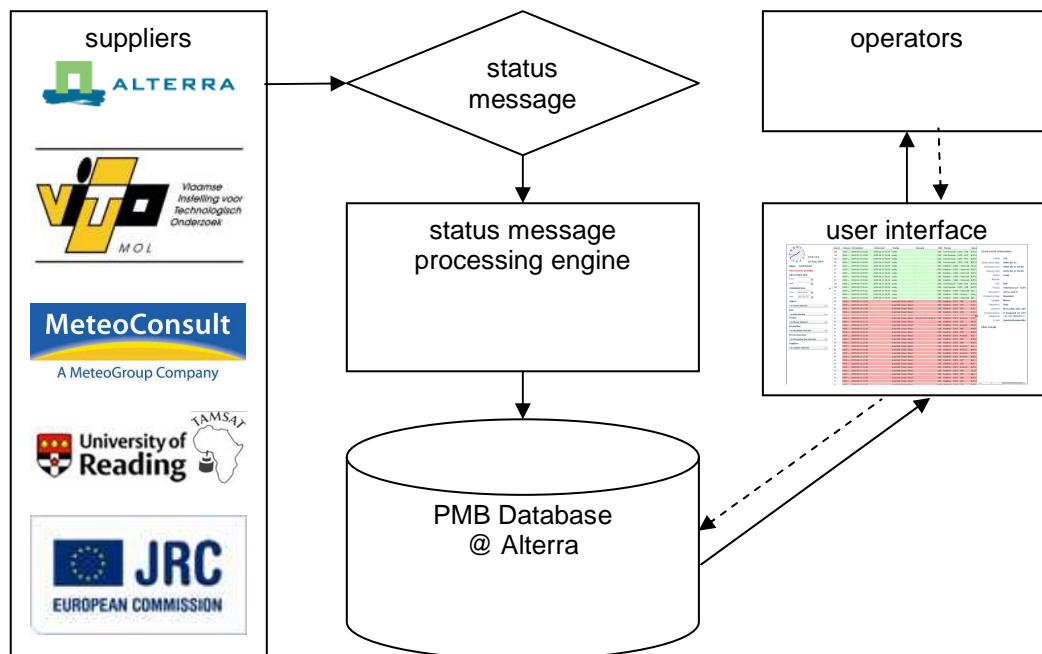
ITT No G03/06/07

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April 2010

Introduction

The project management board (PMB) is a tool that shows real-time status information of scheduled processing steps in the production lines of the marsop3 project. The central part of the PMB consists of the PMB database that stores status- and additional information (such as location and supplier) of scheduled processing steps (events). Suppliers send (automatic) status messages on finishing events. The status message consist of an event id, observation date, delivery time and optional remark. The messages are received by a message processing engine which updates the delivery time and optional remark of the events in the PMB database. Operators can view the status information of events in a web-based user interface. The user interface can display all past an near future events. Every night new expected events are added to the database so that only past and near future events can be queried. If needed the operator can manual update the delivery time and remark of specific events directly via the user interface.



User interface

Before entering the user interface, a username and password is requested.

- ! To enter the user interface with update permission a correct login is required. When the data only need to be viewed, the username and password can be omitted by selecting 'Just View Data'.

The login form consists of two input fields: 'Username' and 'Password'. Below these fields are two buttons: 'Login to Edit' and 'Just View Data'.

The user interface consists of 3 panels:

The screenshot shows the user interface with three panels highlighted by red boxes:

- Filter panel:** Located on the left, it includes a clock icon, a search icon, and a help icon. It shows the date '27 Apr 2010' and a filter count of '(70 listed)'. Below are several filter categories with dropdown menus: 'Observation date' (From, Until), 'Scheduled time' (From, Until, today), 'Status' (No Status Selected), 'ROI' (No ROI Selected), 'Theme' (No Theme Selected), 'Resolution' (No Resolution Selected), 'Processing step' (No Processing Step Selected), and 'Supplier' (No Supplier Selected).
- Events list:** A central table with columns: Even, Observation, Scheduled, Delivered, Status, Remark, ROI, Theme. It contains a list of events with various dates and statuses.
- Slide panel:** Located on the right, it displays details for a selected event (Event: 7). It includes fields for 'Observation date', 'Scheduled time', 'Delivery time', 'Status', 'Remark', 'ROI', 'Theme', 'Resolution', 'Processing step', 'Supplier', 'Frequency', 'Location', 'Contact person', 'Telephone', 'E-mail', and 'Description'. A 'Save description' button is at the bottom.

Filter panel:

This manual is displayed by pressing the ? button.

Event	Observatio	Sched
7	2010-04-12	2010-04
29	2010-04-12	2010-04
30	2010-04-12	2010-04
33	2010-04-12	2010-04
34	2010-04-12	2010-04
32	2010-04-12	2010-04
31	2010-04-12	2010-04

Filters can be applied on observation date, scheduled time, status, roi, theme, resolution, processing step and supplier.

! By default the filters are configured to show all expected delayed events of the past half year.

The observation data and scheduled time can be selected from a date selector. All other filters operate through comboboxes:

Observation date:

From:

Until:

Scheduled time:

From:

Until:

Status:

▼

ROI:

▼

Theme:

▼

Resolution:

▼

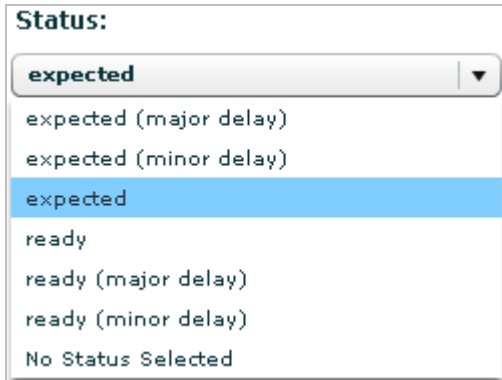
Processing step:

▼

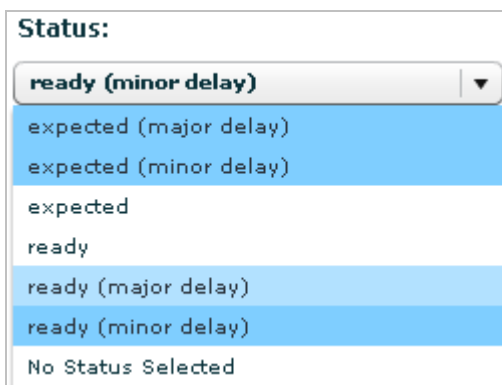
Supplier:

▼

A single value can be selected by picking a value from the dropdown list:



Multiple values can be selected or unselected by holding the Ctrl-key when clicking the mouse:

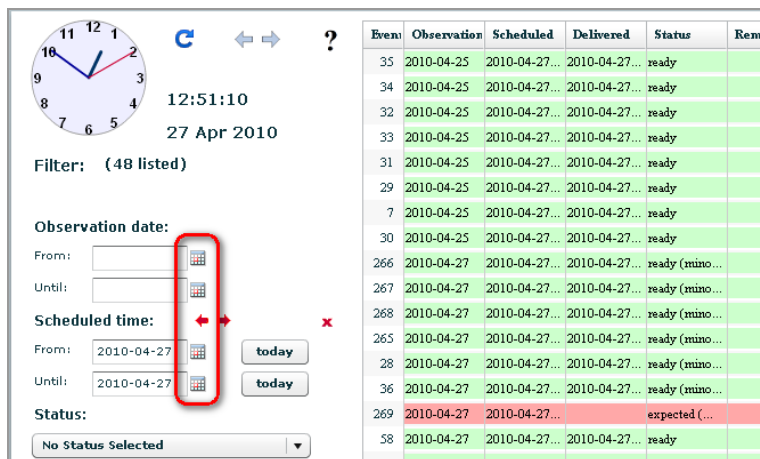


Each filter can be reset by clicking **x** (only displayed when a filter is active). An overview of all active filters is available in the slide panel.

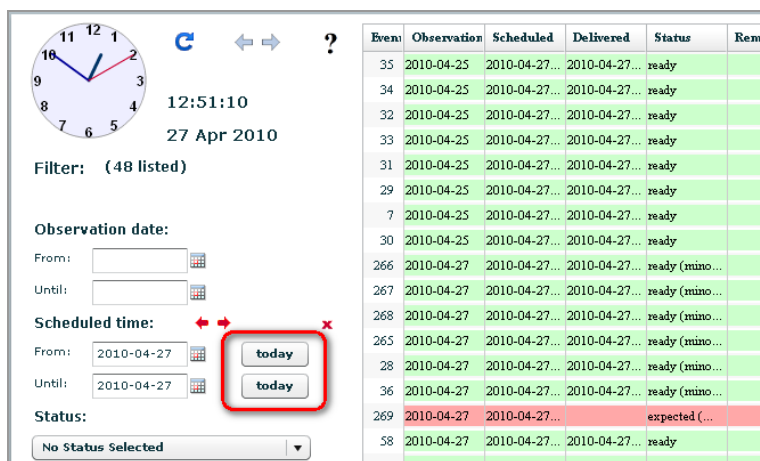
A screenshot of a dashboard interface. On the left, there is a filter panel with a clock icon, a refresh icon, and a help icon. The time is 12:51:10 on 27 Apr 2010. The filter is set to "(48 listed)". There are sections for "Observation date" (From and Until fields), "Scheduled time" (From and Until fields, with "today" buttons and a red "x" icon circled in red), and "Status" (a dropdown menu set to "No Status Selected"). On the right, there is a data table with columns: "Event", "Observation", "Scheduled", "Delivered", "Status", and "Remarks". The table contains several rows of data, with some rows highlighted in green and one row highlighted in red.

Event	Observation	Scheduled	Delivered	Status	Remarks
35	2010-04-25	2010-04-27...	2010-04-27...	ready	
34	2010-04-25	2010-04-27...	2010-04-27...	ready	
32	2010-04-25	2010-04-27...	2010-04-27...	ready	
33	2010-04-25	2010-04-27...	2010-04-27...	ready	
31	2010-04-25	2010-04-27...	2010-04-27...	ready	
29	2010-04-25	2010-04-27...	2010-04-27...	ready	
7	2010-04-25	2010-04-27...	2010-04-27...	ready	
30	2010-04-25	2010-04-27...	2010-04-27...	ready	
266	2010-04-27	2010-04-27...	2010-04-27...	ready (mino...	
267	2010-04-27	2010-04-27...	2010-04-27...	ready (mino...	
268	2010-04-27	2010-04-27...	2010-04-27...	ready (mino...	
265	2010-04-27	2010-04-27...	2010-04-27...	ready (mino...	
28	2010-04-27	2010-04-27...	2010-04-27...	ready (mino...	
36	2010-04-27	2010-04-27...	2010-04-27...	ready (mino...	
269	2010-04-27	2010-04-27...	2010-04-27...	expected (...)	
58	2010-04-27	2010-04-27...	2010-04-27...	ready	
60	2010-04-27	2010-04-27...	2010-04-27...	ready	

To pick a date from the date selector press the calendar button. When a date is already displayed the date selector opens with the corresponding month displayed.

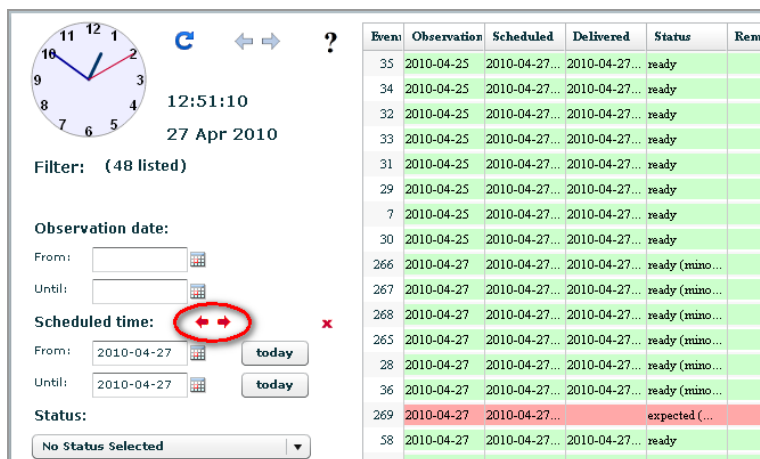


To quickly pick the current day from the date selector regardless the date displayed use the 'today' button to open the date selector for the current month.



! Note that the today button only appears when a date is already displayed.

When an observation date or scheduled time is displayed arrows appear that can be used to increase or decrease the selected data with 1 day.



Event list

Events that pass all filters appear in the event list. Only the first 200 events are listed. The number of events that pass the filter is displayed in the filter panel. When over 200 events pass the filter the message **'More records available'** is displayed:



The event list refreshes every 5 minutes. A manual refresh can be forced by pressing the refresh button:



For each event the following attributes are available:

Event	ID of processing step.
Observation	Date to which the data correspond
Scheduled	Date and time when the events should be delivered
Delivered	Date and time when the event has been delivered
Status	Status of event based on scheduled time, delivery time, current time or remark. canceled: Remark field contains 'cancelled' or 'canceled' expected: not delivered, delay < 0.5 h ready: delivered, delay < 0.5 h ready (minor delay): delivered, delay > 0.5 h < 2.5 h ready (major delay): delivered, delay > 2.5 h expected (minor delay): not delivered, delay > 0.5 h < 2.5 h expected (major delay): not delivered, delay > 2.5 h
Remark	Optional comments by the operator or supplier in case of issues.
ROI	Region of interest.
Theme	Uniform datasets of a specific origin.
Resolution	Resolution of the data after having finishing the event.
Processing step	Steps in which the data are processed
Supplier	Partner that is responsible for the execution of an event.

Additional information per event is available in the slide panel:

Frequency	Frequencies at which the event takes place.
Location	Location where data are physically stored after having finished the event.
Contact person	Person to be contacted in case of issues.
Telephone	Telephone number of contact persons.
E-mail	E-mail addresses of contact persons.
Description	Free text field for detailed general description of event.

- ! When logged in with update permission, manual updates can be made to the attributes 'Delivered', 'Remark' and 'Description'. Note that 'scheduled time' is selectable (not editable) and can be used to copy dates into 'delivery time'.

60	2009-0...	2009-08-17 12:00		expected (major delay)		EUR	We
61	2009-0...	2009-08-17 12:10		expected (major delay)		EUR	We
62	2009-0...	2009-08-17 12:15		expected (major delay)		EUR	We
84	2009-0...	2009-08-17 12:15	2009-08	expected (major delay)	Server error solved b...	EUR	We
63	2009-0...	2009-08-17 12:20		expected (major delay)		EUR	We
85	2009-0...	2009-08-17 12:20		expected (major delay)		EUR	We
69	2009-0...	2009-08-17 12:30		expected (major delay)		EUR	We

- ! Status and colors are updated automatically after each automatic refresh (every 5 minutes) or manual refresh (C). All status values are derived from the combination of scheduled time, delivery time and current time except status 'canceled' which depends on the remark field.

- ! Whenever 'canceled' or 'cancelled' is anywhere entered in the remark field (not capital sensitive), the status is automatically set to 'canceled'.

Event	Observa	Schedule	Delivere	Status	Remark	ROI	Theme	Resolution	P
63	2010-0...	2010-0...	2010-0...	ready		EUR	Weather - CGFS - OPE	25 km	Do
85	2010-0...	2010-0...	2010-0...	ready		EUR	Weather - CGFS - Analysis	25 km	Do
83	2010-0...	2010-0...	2010-0...	canceled	This event is Cancelled	EUR	Weather - CGFS - OPE	25 km	Ing
105	2010-0...	2010-0...	2010-0...	ready		EUR	Weather - CGFS - Analysis	25 km	Ing
106	2010-0...	2010-0...	2010-0...	ready		EUR	Weather - CGFS - EPS	0.5 degrees	Ac
160	2010-0...	2010-0...	2010-0...	ready		EUR	Weather - CGFS - OPE	EMU level	Sim

The event list can be sorted per attribute by pressing the column names.

! Note that only the listed events are sorted. When over 200 events pass the filter only the 200 listed events will be sorted.

Event	Observati	Scheduled	Delivered	Status ▲	Remark	ROI	Theme
4	2009-08-17	2009-08-18 20...		expected		EUR	Weather - CGMS
11	2009-08-17	2009-08-18 20...		expected		EUR	Weather - CGMS
150	2009-08-18	2009-08-18 15...		expected		EUR	Weather - quickl
8	2009-08-17	2009-08-18 16...		expected		EUR	Weather - CGMS
1	2009-08-17	2009-08-18 16...		expected		EUR	Weather - CGMS
156	2009-08-17	2009-08-17 13...		expected (major delay)		EUR	Weather - quickl
150	2009-08-17	2009-08-17 15...		expected (major delay)		EUR	Weather - quickl
61	2009-08-18	2009-08-18 12...		expected (major delay)		EUR	Weather - CGFS
58	2009-08-18	2009-08-18 11...		expected (major delay)		EUR	Weather - CGFS
58	2009-08-17	2009-08-17 11...		expected (major delay)		EUR	Weather - CGFS
109	2009-08-17	2009-08-17 14...		expected (major delay)		EUR	Weather - CGFS
106	2009-08-17	2009-08-17 13...		expected (major delay)		EUR	Weather - CGFS
61	2009-08-17	2009-08-17 12...		expected (major delay)		EUR	Weather - CGFS
109	2009-08-18	2009-08-18 14...		expected (minor delay)		EUR	Weather - CGFS
156	2009-08-18	2009-08-18 13...		expected (minor delay)		EUR	Weather - quickl
106	2009-08-18	2009-08-18 13...		expected (minor delay)		EUR	Weather - CGFS
8	2009-08-15	2009-08-16 16...	2009-08-...	ready		EUR	Weather - CGMS
4	2009-08-15	2009-08-16 20...	2009-08-...	ready		EUR	Weather - CGMS
1	2009-08-15	2009-08-16 16...	2009-08-...	ready		EUR	Weather - CGMS

Columns can be rearranged by drag and drop functionality.

Event	Observati	Scheduled	De	Status	Delivered	Remark	ROI	Theme
29	2009-08-16	2009-08-18 05...	ready		2009-08-...		EUR	Weather - CGF
30	2009-08-16	2009-08-18 05...	ready		2009-08-...		EUR	Weather - CGF
31	2009-08-16	2009-08-18 05...	ready		2009-08-...		EUR	Weather - CGF
32	2009-08-16	2009-08-18 05...	ready		2009-08-...		EUR	Weather - CGF
35	2009-08-16	2009-08-18 05...	ready		2009-08-...		EUR	Weather - CGF
34	2009-08-16	2009-08-18 05...	ready		2009-08-...		EUR	Weather - CGF
33	2009-08-16	2009-08-18 05...	ready		2009-08-...		EUR	Weather - CGF
8	2009-08-17	2009-08-18 16...	expected				EUR	Weather - CGF
9	2009-08-17	2009-08-18 17...	expected				EUR	Weather - CGF
10	2009-08-17	2009-08-18 19...	expected				EUR	Weather - CGF
11	2009-08-17	2009-08-18 20...	expected				EUR	Weather - CGF
12	2009-08-17	2009-08-18 20...	expected				EUR	Weather - CGF

Slide panel

The upper part of the slide panel gives all available information for a selected event while the lower part displays the active filter.

ROI	The
EUR	Wea

Event Detail Information

Event: **7**

Observation date: **2010-04-25**

Scheduled time: **2010-04-27 05:00**

Delivery time: **2010-04-27 05:00**

Status: **ready**

Remark:

ROI: **EUR**

Theme: **Weather - CGMS - 6HourlyRain**

Resolution: **Point_xy**

Processing step: **Ingested**

Supplier: **JRC**

Frequency: **Daily**

Location: **CGMS_08_EUR.METDATA_RRR6**

Contact person: **P.A. Bianchi / D. Fanchini**

Telephone:

E-mail: Pierantonio.bianchi@ext.jrc.it; [David](#)

Description: **Saved 6-hourly rainfall data into JRC by mutimp procedure on mars.jrc.ec.europa.eu/alterra/CGMS**

Filter Detail Information

Scheduled time from 2010-04-27 00:00 to 2010-04-

Theme Weather - CGMS - 6HourlyRain

Supplier JRC

To view the details of an event, the event needs to be selected from the event list with a mouse click. After having selected a first event, scrolling through the listed events and associated details is possible using keyboard shortcuts (Up, Down, Page Up, Page Down, Ctrl-Home, Ctrl-End).

Event	Observati	Scheduled	Delivered	Status	Rema
256	2009-08-11	2009-08-13 03...	2009-08-...	ready	not ope
250	2009-08-11	2009-08-13 03...	2009-08-...	ready	not ope
257	2009-08-11	2009-08-13 04...	2009-08-...	ready	not ope
251	2009-08-11	2009-08-13 04...	2009-08-...	ready	not ope
258	2009-08-11	2009-08-13 05...	2009-08-...	ready	not ope
34	2009-08-11	2009-08-13 05...	2009-08-...	ready	dummy
31	2009-08-11	2009-08-13 05...	2009-08-...	ready	dummy
29	2009-08-11	2009-08-13 05...	2009-08-...	ready	dummy
7	2009-08-11	2009-08-13 05...	2009-08-...	ready	dummy
30	2009-08-11	2009-08-13 05...	2009-08-...	ready	dummy
32	2009-08-11	2009-08-13 05...	2009-08-...	ready	dummy
35	2009-08-11	2009-08-13 05...	2009-08-...	ready	dummy
33	2009-08-11	2009-08-13 05...	2009-08-...	ready	dummy
252	2009-08-11	2009-08-13 05...	2009-08-...	ready	not ope

An edit of the 'Description' field is only saved after pressing the 'Save description' button.

Description: **This is the place to add a general detailed description of the event and add other remarks, tips, etc.. that relate to this processing step.**

Save description

The slide panel can be resized using its handle ◀▶ or buttons ← → in the filter panel. The left arrow will slide the panel half way the event list. The right arrow hides the panel completely.

nt_xy	Theme:	Yield forecast - CGFS - 0
TS Level 0	Resolution:	NUTS Level 0
TS Level 0	Processing step:	Simulated
i - Environment	Supplier:	Alterra
5 x 0.25 degree	Frequency:	Daily
5 x 0.25 degree	Location:	forecasted_nuts_yield_o
5 x 0.25 degree	Contact person:	H. Boogaard / R. vd Wijn
5 x 0.25 degree	Telephone:	+31 317 481635 / +31

12:30:23
27 Apr 2010

Filter: (1 listed)

Event	Observ
7	2010-04