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Event analysis I
Manual events

This tutorial shows how to create and define events manually.

Open or create a project and click the **Create Event Graph** button
The following window appears:

Figure 1 Create event graph

1. Select series for event chart
2. Select type of event, in this case **Manual**
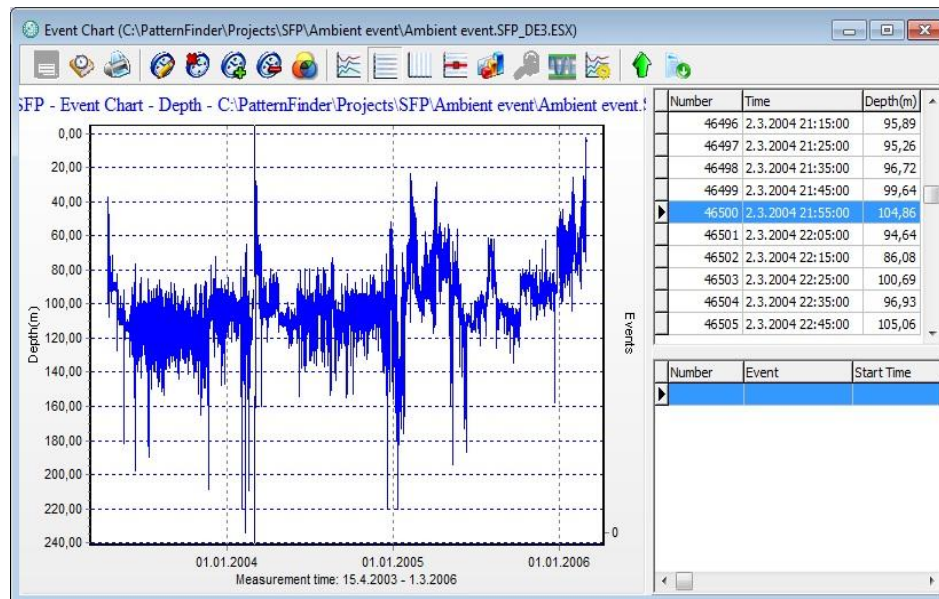3. Click **OK**

The following chart appears:

Figure 2 Event chart

There are five event operation buttons in the event chart (these options are available on every type of event charts: ambient, behavioral, multiple):

Edit Event Types

Delete Event Type

Mark an Event
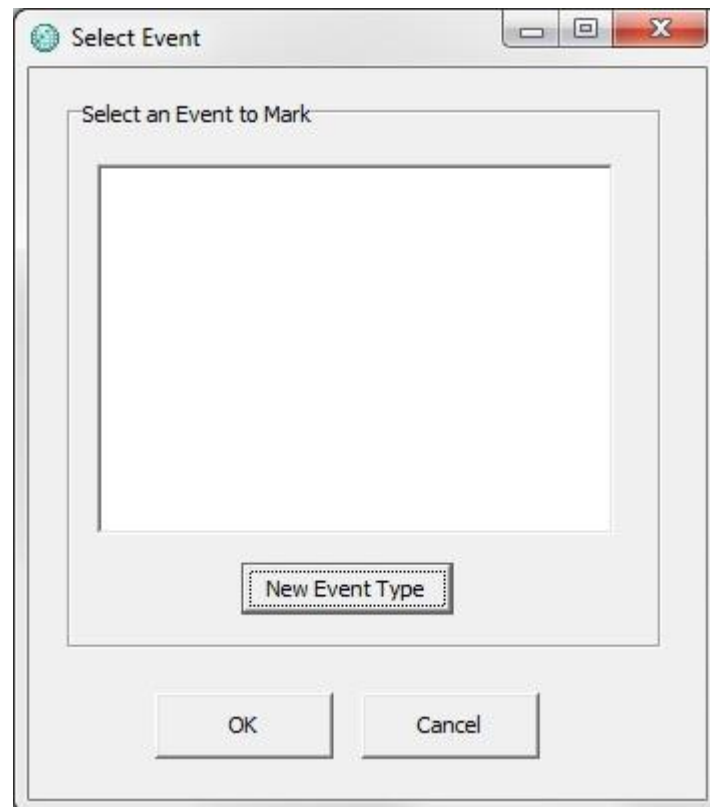
Remove Selected Event

Event operations

(See tutorial 18)
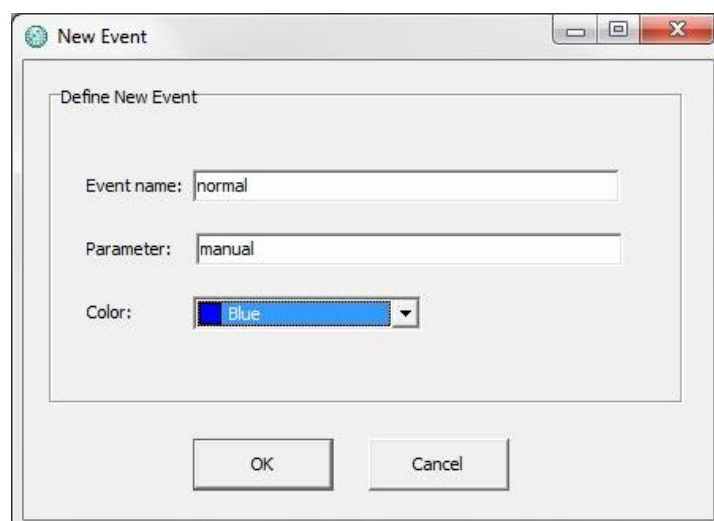
Disable/show data series

Create an event type

To create an event, click the **Mark an event** button on the chart bar. The following window appears:
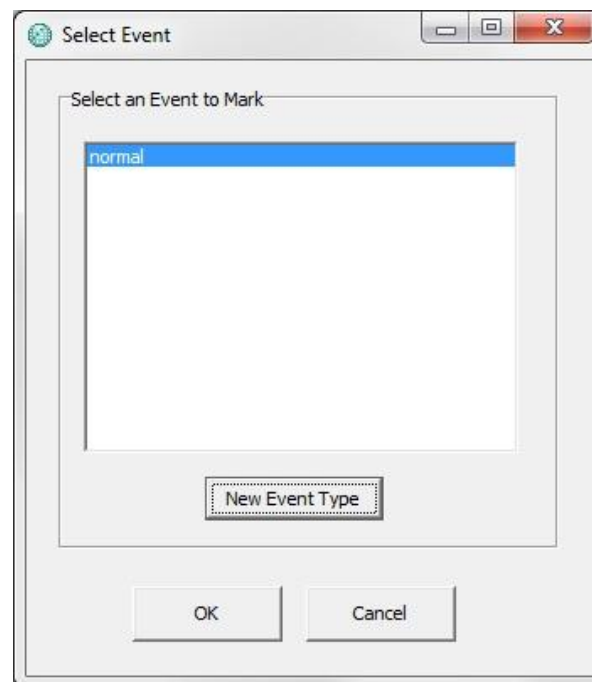

Figure 3 New Event Type

Select **New Event Type** and the following window appears:

Figure 4 New event

Insert the event name and the parameter and choose a color.

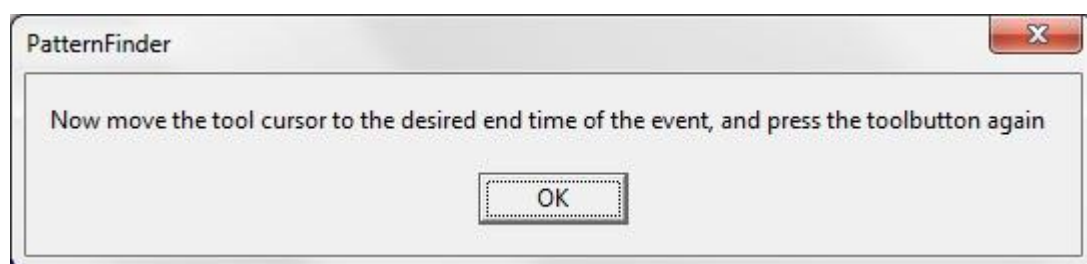The event will be added to the list of event types (see figure 5).

Figure 5 New Event Type

Mark an event

To mark an event on the chart you first need to position the cursor on the point where you want to begin the event and click the **Mark an event** button on the chart bar.

Select an event type from the list (see figure 5).

Click **OK** and the following window appears:

Figure 6 PatternFinder

Move the cursor to the point where you want to end the event and click the **Mark an Event** button again.

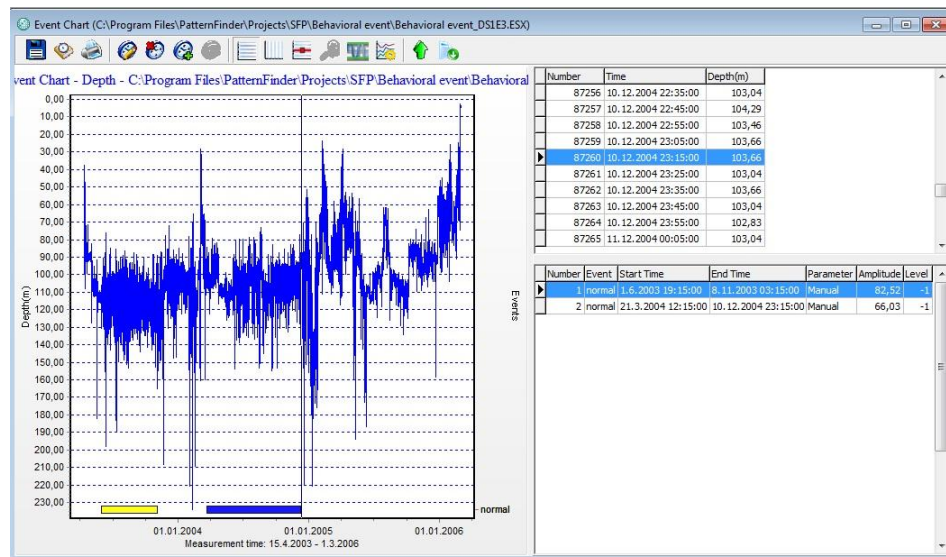The event will be marked on the chart as can be seen in figure 7.

Figure 7 Event chart

To remove an event from the chart, highlight the event and click the **Remove Selected Event** button.

You can edit the name, description and color of the event type by clicking the **Edit Event Types** button (see figure 8).
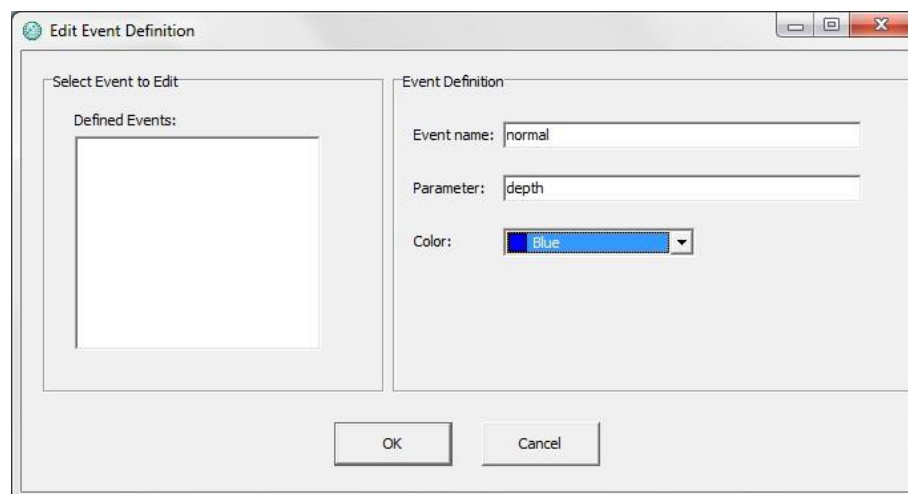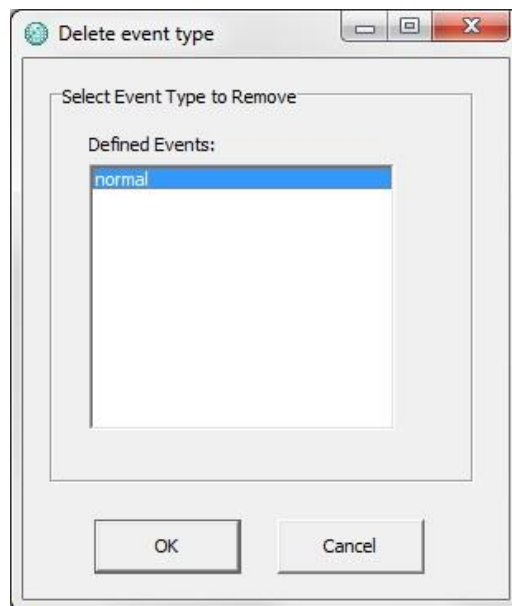

Figure 8 Edit Event Definition

You can also delete the event type by clicking the **Delete Event Type** button (see figure 9).

Figure 9 Delete event type

History

Click the **History** button on the chart bar to add comments and view information on the origin of the signal and the progress of the project (see figure 10). Click **Print** to print out the information (see figure 11).
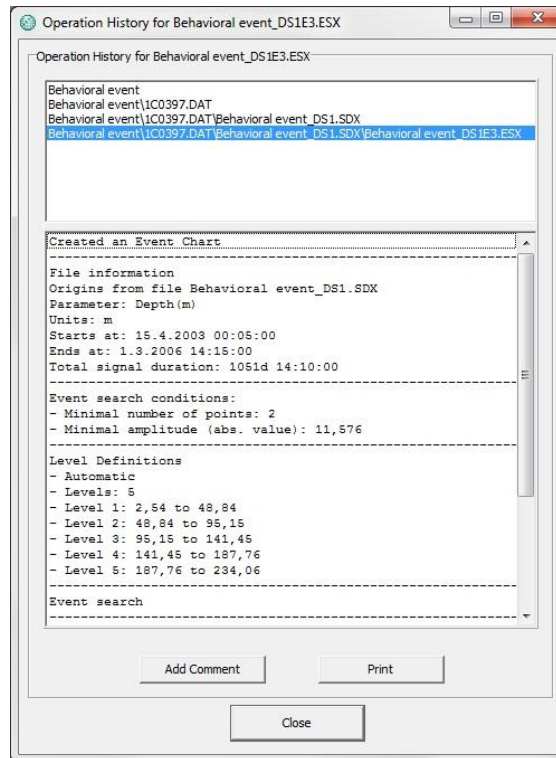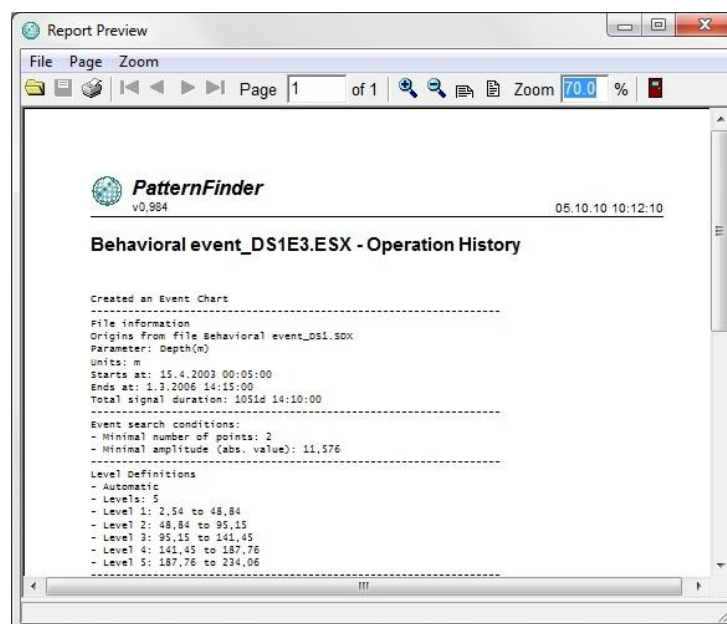

Figure 10 History

Figure 11 Print Preview