PatternFinder
Quick Start Guide

Data Analysis Software

STAR : ODDI

Logging Life Science

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This is the Quick start guide for PatternFinder (PF). The whole user manual is in the software under the **Help** menu and on Star-Oddi website: http://star-oddi.com/online-support/user-manuals/

1 Installing PatternFinder

1.1 Install

The installation program is on the PatternFinder (PF) CD. Insert the CD into your CD drive. To install the program, follow the InstallShield Wizard.

Follow the instructions on the screen. You will be prompted for a directory name for your PatternFinder program.

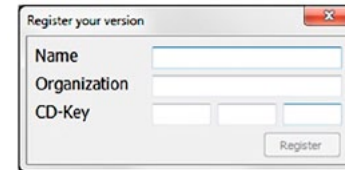When the program is installed for the first time, the following window appears:

Figure 1.1 Registration

Insert your name, organization and the 12 character CD-Key which is provided on your CD holster. After you have registered, the program is activated.

2 Projects

2.1 Create a Single File Project (SFP)

Click the **Create a New Project** button on the main toolbar and the following window appears:
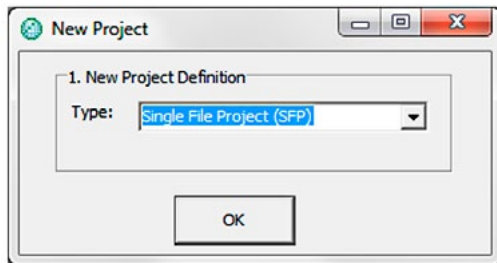

Figure 2.1 New Project

Select Single File Project. Note that you can also create a SFP by selecting **Project-SFP-New**. (see figure 2.2).
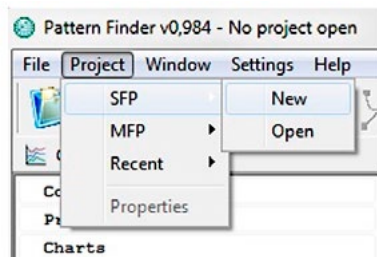

Figure 2.2 New SFP

Once SFP has been chosen the window in figure 2.3 appears
Click the browse button to select the DAT file.
The default name of the project is the name of the DAT file. The user can change the name, for example, Project 1, and enter a short description of the project.
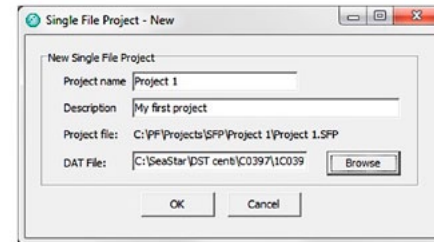

Figure 2.3 New SFP

Press OK and the name of the project as well as its location appears on the PF header (see figure 2.4). To the left you can see the project name in the Overview Window under **Projects** and the DAT file under **Charts**.
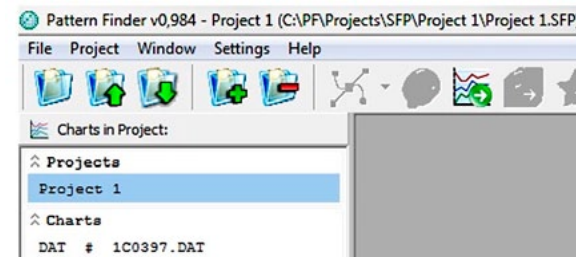

Figure 2.4 New SFP

2.2 Create a Multiple File Project (MFP)

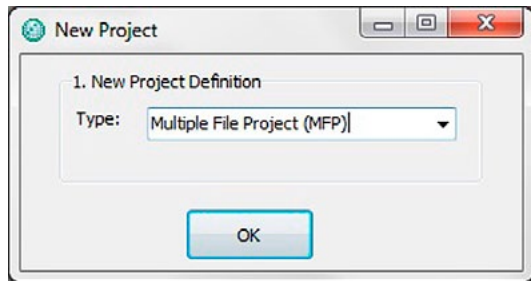Click the **Create a New Project** button and the following window appears:

Figure 2.5 New Project

Select Multiple File Project (MFP). Note that you can also create a MFP by choosing **Project-MFP-New** (see figure 2.6)
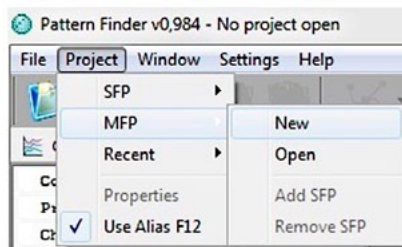

Figure 2.6 New MFP

Once MFP has been chosen the window in figure 2.7 appears. Enter a name and a short description of the project. Add the files you want to use in the project by clicking the **Add** button.
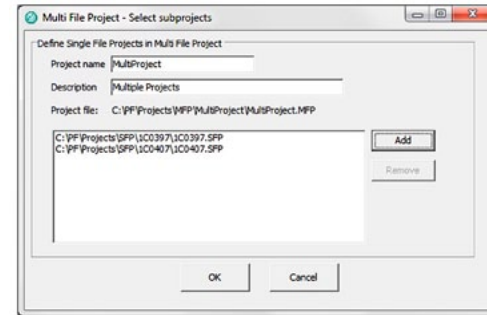

Figure 2.7 Select Subprojects

Press OK and the name of the project as well as its location appears on the PF header. To the left you can see the project name in the Overview Window under **Projects** and the DAT file under **Charts** (see figure 2.8).
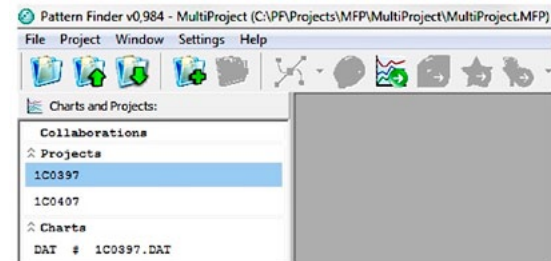

Figure 2.8 Overview Window

3 Transferring data from Star-Oddi application software's

To transfer data from your Star-Oddi application software do the following:
1.   Launch PatternFinder
2.   Launch the application software
3.   Select a recorder in the application software
4.   Click the PF button on the chart bar

When you click the PF button in the application software, PatternFinder will automatically open on the screen and the SFP window appears:
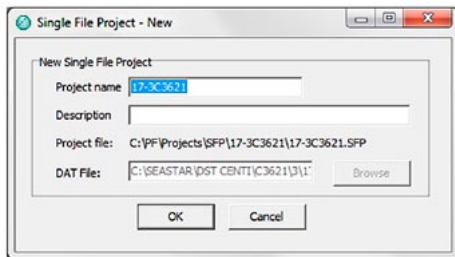

Figure 3.1 New SFP

The default Project name is the name of the recorder you transferred. You can change the name and enter a short description of the project.

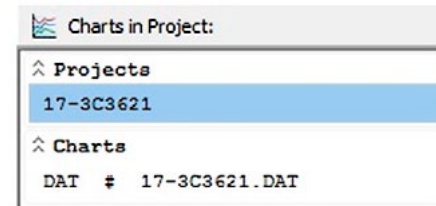Click OK and the project will appear on the Overview Window.

Figure 3.2 Overview Window

If you wish to transfer the data to MFP, you need to open an already created MFP or create a new one before transferring the data.
After the data has been transferred, you can proceed with the project as described in chapter 2.

4   Importing data from other systems

Any text file (one measurement pr. line time series) can be imported by defining the data format. The user defines the measurement number column (optional), date/time column (optional) and the measurement value column(s). Date/time column can also be set afterwards in PF by entering start time and sampling interval.

Files that can be imported include:
- CSV files (from Excel)
- SFS files. Any single column data files.

The imported data is turned into a SFP, which can be worked with as DAT based SFPs.

Click on the **Import file to new SFP** button
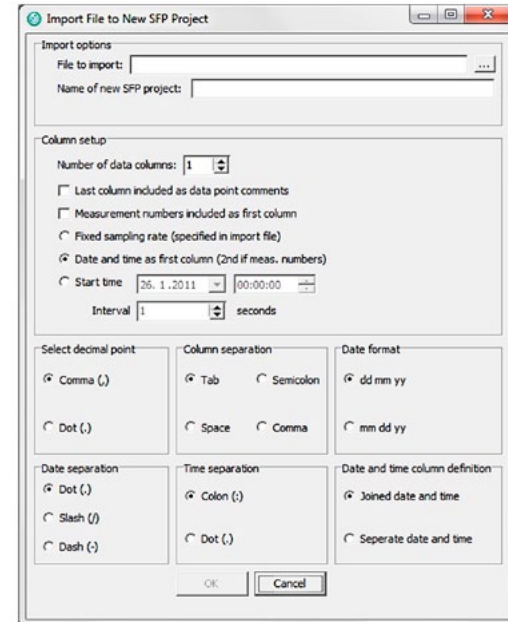
The following window appears:

Figure 4.1 Import file to new SFP project

Browse for the file you want to import. Fill in the definition on how the data is organized in the file. Data should always be organized in columns.

5 Help menu

Tutorials
Select Tutorials to open the PatternFinder tutorials.
Case Studies
Select Case Studies to enter the Star-Oddi webpage to view the
PatternFinder case studies.
User manual
Select User Manual to open the PatternFinder user manual.
Release notes
Select Release Notes to view a description of the latest features added
to PatternFinder, the date when they were added and a reference to the
chapter number of each manual where the additions can be found.
About
Select About for general information about PatternFinder
Check for updates
PatternFinder will automatically search the Star-Oddi website every time
the program runs for the latest version of the software, User Manual,
Trouble-Shooter and Release Notes.

This can be changed under Settings-Updates. You can also check for
updates manually by choosing Help-Check for Updates.

6 Uninstall

To uninstall the program, do the following:
1.   Click on the Start button in Windows.
2.   Go to Settings and Control Panel.
3.   Choose Add/Remove Programs
4.   Choose PatternFinder and click on Change/Remove.

Note that data files created after installation will not be deleted even
though the program is uninstalled.