

Keyboard Companion from SCM

Focused Guidance for Petrel 2010

KEYBOARD COMPANION FOR PETREL

SCM's Keyboard Companion for Petrel provides the user with focused guidance and advice about Petrel processes, workflows and best practices. Keyboard Companion has been developed by incorporating SCM's core Petrel training materials into a web-based Petrel user support tool.



WHY CHOOSE KEYBOARD COMPANION?

- SCM has been the leader in workflow-based Petrel training and consulting since 2002
- Our geoscientists are experts in Petrel geomodeling, mapping and seismic interpretation
- SCM has blended our training and project expertise into the only Petrel workflow-oriented support resource for geoscientists

THE REALIZATION

Petrel offers a complete seismic to simulation workflow that can be challenging for new and occasional users to apply effectively.

THE OBJECTIVE

To improve the Petrel user's performance by providing ready access to workflows and best practices from SCM.

THE CONCEPT

To place complete, well-organized and highly focused guidance at the Petrel user's fingertips.

THE TOOL

Keyboard Companion combines Petrel and SCM best practices in a web-based portal. It can also be customized to reflect company specific project standards, guidelines and workflows.

THE DESIGN

Keyboard Companion (see figure on back page) has six hierarchical components organized to help guide the user from the larger scale philosophy of working in Petrel, through detailed workflows and specific tasks:

- Project Guidance
- Decision Advice
- Petrel Processes
- SCM Workflows
- SCM Best Practices
- SCM **TIPS&TRICKS**

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THE DESIGN

PROJECT GUIDANCE

SCM Keyboard Companion offers Project Guidance to the Petrel user. Project Guidance captures SCM's philosophy, going beyond mapping and modeling workflows. There are four sections covered in Project Guidance to support the Petrel user:

- 1) Project Setup, 2) Project Management, 3) Quality Control, 4) Quick Start

SCM BEST PRACTICES

SCM Best Practices are comprised of the key steps included in each specific Petrel project workflow. These are the basic building blocks of a typical workflow, or may be an entire small-scale workflow. The sections are: Functions, Project Setup, Wells & Tops, Seismic, Structural Framework, Property Modeling, Quality Control, and Numerical Methods.

DECISION ADVICE

Decision Advice is designed as a learning tool to help users select and generate their project workflows. Guiding the user through specific workflows, based upon the particular problem, the flow diagram path helps the user build, for example, a fault model that's ready for QC and viewing in 3D.

SCM WORKFLOWS

SCM Workflows assist the user in the actual construction of a Petrel project. There are hundreds of workflows, from the general to the most basic. As in Petrel Processes, tasks are presented in the same order by which an integrated project would typically be organized.

PETREL PROCESSES

For each of the eleven Petrel Processes, SCM Keyboard Companion guides the user through the associated work tasks, graphically depicting and defining Petrel toolbar icons, displaying and defining snapshots of drop-down menus, and using info tabs to provide documentation of the actual processing behind a given object.

SCM TIPS&TRICKS

SCM **TIPS&TRICKS** is a collection of detailed articles developed by SCM instructors and periodically shared with subscribers to SCM's newsletter. The idea behind **TIPS&TRICKS** is to help clarify and/or enhance Petrel processes, workflows, and best practices. **TIPS&TRICKS** is now available within Keyboard Companion, and on SCM's website www.scminc.com.

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SCM provides E&P consulting, training, and management services for the upstream oil and gas industry. We have built a reputation and long-term customer base by applying our experience and expertise to specific client needs in an adaptable, practical, and professional manner. [Email info@scminc.com](mailto:info@scminc.com) to learn more. To subscribe to our newsletter, Petrel **TIPS&TRICKS**, send an email with "subscribe" in the subject line to info@scminc.com.



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