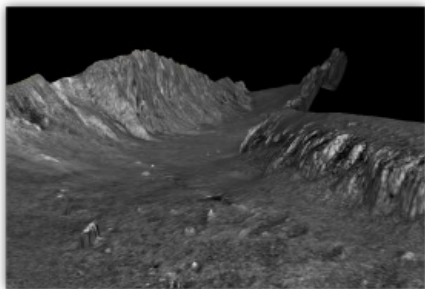


Teledyne CARIS Onboard Accelerates Data Processing



The release of Teledyne CARIS Onboard 1.1 enables users to process data in near real time, resulting in minimised data conversion and processing times. This release introduces several new processes including the incorporation of the SIPS Backscatter engine. Backscatter mosaics can be generated alongside surfaces in near real time. This version also presents the ability to compute GPS tide and to apply observed depth and attitude filters.

Designed with autonomous operations in mind, CARIS Onboard will save valuable time as less interaction is needed for automated survey activities. In addition to expanding the HIPS and SIPS processes available for real-time automation, there is a new copy process that permits raw data and computed products to be backed up automatically, thereby

making it transferrable to portable storage devices.

CARIS Onboard 1.1 adds automation capabilities to the CARIS workflow by enhancing the Process Designer and improving usability and flexibility. Custom controls are now available to help the user populate options when configuring process models.

Workflows for Multiple Products

Parallel workflows have been introduced to the Process Designer. By incorporating parallel workflows, a single model can be used to automatically create multiple products from raw sensor data, increasing survey efficiency by further reducing post-processing efforts.

The enhanced Process Designer also introduces conditional logic. Conditional logic allows users to build robust workflows which are capable of handling multiple scenarios. For example, if there is no sound velocity file available to be applied in a process step, then conditional logic can be used to skip that step and carry on. This application is particularly important during unmanned operations.