

SUR- 0007

# HIPS & SIPS Data Analysis

## Introduction

The HIPS and SIPS product is a comprehensive bathymetric and sonar data processing software. HIPS & SIPS enables you to process simultaneously multibeam, backscatter, side scan sonar, LiDAR and single beam. Supporting over 40 industry standard sonar data formats, HIPS and SIPS can easily integrate into any workflow. Proven automated data cleaning filters and algorithms assist in today's high data volume environments. The latest technologies on 3D visualization are incorporated in the software, making processing, and analysis for the hydrographic, oceanographic or any other marine environment very efficient.

HIPS and SIPS now offers 64-bit support, providing users with the ability to handle large multibeam sonar datasets even faster. This additional processing efficiency allows organizations to make significant time savings, which is crucial in the marine surveying industry

## Training Content

The training will be a comprehensive session on leading data processing, visualization, quality control and product creation techniques using the latest HIPS & SIPS release - 7.1. The latest technology in the software will be covered during the training course in order to enable the participant to improve processing efficiencies and gain more control over the quality of the hydrographic information.

The following subjects are covered:

- Multibeam processing techniques
- TPU, CUBE, 3D area based editing
- Side scan sonar processing techniques (e.g. Geocoder)
- Data calibration from a patch test
- Single beam processing techniques

## Training Facility

The training will take place at the Offshore Marine Academy premises in Bristol and will be delivered by Caris. Full training facilities with individual work stations will ensure every course participant receives full hands-on experience throughout the course.

## Duration

This programme will be delivered over a period of five days.

## Cost

£1,650.00 plus VAT.

## Starting Date

Monday 23 April- Friday 27 April 2012

Monday 22 October- Friday 26 October 2012



## Information

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