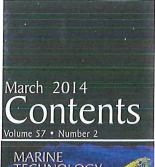
may -22 - 2153





On the Cover

The wreck of U390 sunk on July 5, 1944 by HMS Tavy and HMS Wanderer using the hedgehog forward firing mortar. Credit: Image provided by MC4, LCL Production, and Sherrell Ocean Services, created with Measutronic's R2Sonic 2024 UHR Multibeam Sonar.

p. 56

Vehicle Tech

32 New Autonomy

Robotics continues to push the envelope offshore.

Instrumentation

44 Acidic Oceans

Expect the Unexpected.

By Kira Coley

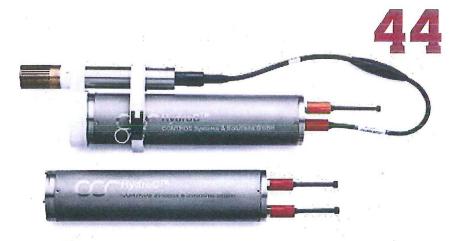
Imaging

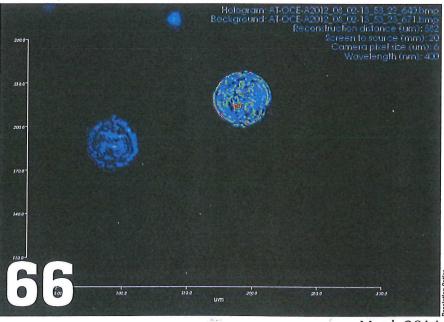
66 Clear View

Resolution Optics offers an innovative submersible microscope to 6000m.

By Tom Peters







March 2014



Vessels

10 The Fleet is In

Vessels of all shape, size, configuration and use ply the waters in support of subsea initiatives.

Government Update

18 **Rogue Waves**

Ever since man has taken vessels onto the seas, mariners have reported encounters with monstrous waves that seem to arise out of nowhere.

By Dennis Bryant

Blue Economy

20 San Diego Cluster

The San Diego subsea & maritime cluster is picking up steam and support as its economic impact is quantified.

By Michael B. Jones



6 Editorial

24 Company Profile: SWE

66 People & Companies

70 **Products**

77 Classifeds

79 Ad Index

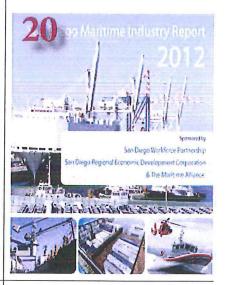


Profile

62 **High Precision MEMS**

Silicon Sensing produces a wide range of single-axis silicon MEMS gyroscope sensors and modules.

By John Wilkins, Silicon Sensing



Ocean Instruments

Biofouling Foiled

UV light is being harnessed for biofouling control.

> By Jehan Zouak, Chris Bueley, & Pete Reedeker, AML





