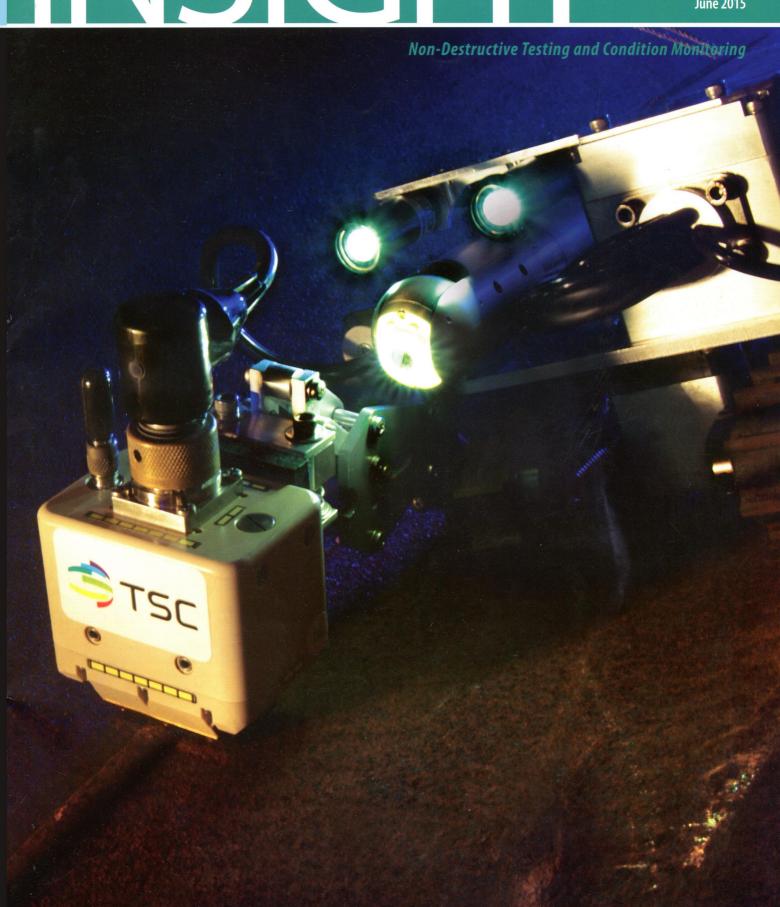
INSGHT

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This month's cover

This month's cover shows the new ACFM® MagCrawler™ from TSC Inspection Systems, a new solution in the arena of offshore and subsea weld inspection, where access to or the inspection of subsea welds can be difficult or costly to reach with divers. Advanced control software enables the ACFM MagCrawler to track the wide range of weld geometries typically found on fixed and floating structures. Magnetically attached to the inspection surface, the two rubber caterpillar tracks provide excellent traction and accurate steering. The ACFM MagCrawler can manoeuvre easily on flat surfaces or tubulars with a diameter greater than 3760 mm and it has a scanning speed of 0-50 mm/s. An onboard 360° rotational head and probe lift enhances targeted probe steering. Adjustments to the array probe's position can be made to allow full coverage of angled fillet welds, in both parallel and transverse directions.

TSC's array probe technology can be fully utilised to quickly determine crack location and size. Defects as small as 15 mm long and 1 mm deep can be detected, data capture is instant and inspections can be performed through paint and other coatings.

TSC Inspection Systems www.tscis.com

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INSIGHT

Non-Destructive Testing and Condition Monitoring

Volume 57 Number 6	June 2015
Comment, by Dr C Brett	310
NEWSDESK: BINDT backs Bloodhound SSC Project in land-speed record attempt; DNV GL establishes recommended practice to manage wellhead fatigue analysis; GE Measurement & Control announces patents for ultrasonic inspection product	
Institute Notices	317
J	
Special Feature: The Energy Industries	
ULTRASOUND TRANSDUCERS	
Low-power EMAT measurements for wall thickness monitoring, by L Kang, Y Fan, L Chen, S N Ramadas and S Dixon	319
PIPELINES	
A quantitative study of signal characteristics of non-contact pipeline magnetic testing, by Changjun Li, Chao Chen and Kexi Liao	324
LONG-RANGE UT	
Feasibility study on sludge detection and characterisation using torsional guided waves, by Y-W Kim and K-J Park	331
WELD INSPECTION	
Electromagnetic and eddy current NDT in weld inspection: a review, by P Gao, C Wang, Y Li and Z Cong	337
Feature	
AE	
Fatigue crack monitoring in mild steel specimens using acoustic emission and digital image correlation, by K Shrama, R Pullin, A Clarke and S L Evans	
Regular Features	• • • • • • • • •
International Diary	355
NDT Info	360
Product Showcase	369
Associate Members/Index to Advertisers	372