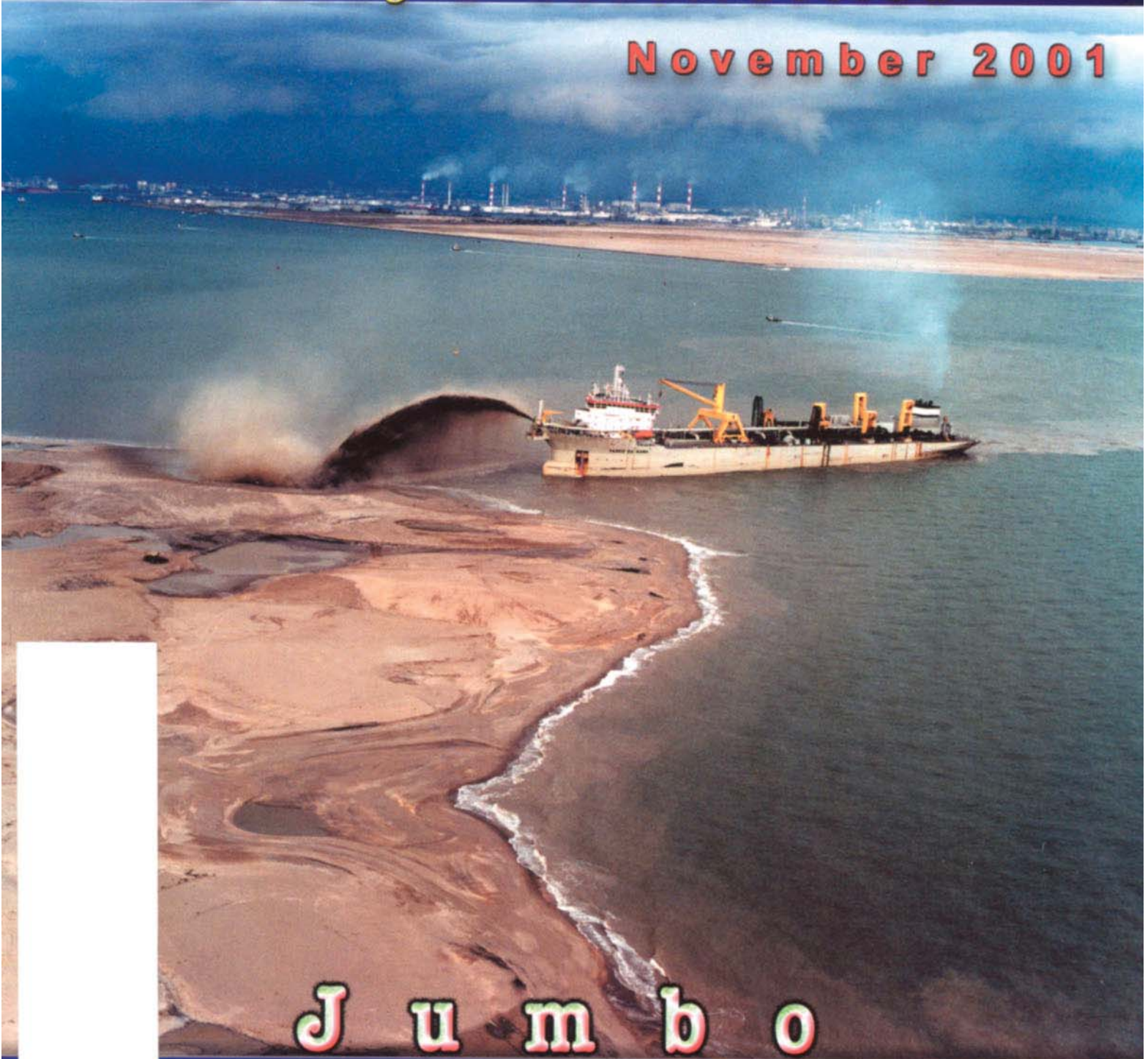


World DREDGING

Mining & Construction

November 2001



J u m b o

Hopper Dredges

Serving Ports, Waterways, Mining & Marine Construction Industries since 1965

Climate Online

To assess wind and wave climate three types of microwave sensors are of particular interest: the altimeter, the scatterometer and the SAR.

At ARGOSS new retrieving algorithms have been developed to extract wave spectra out of multi sensor satellite observations. This technique uses the SAR spectrum as well as the scatterometer wind vector acquired at the same place and time by the ERS satellites.

The service is for all companies that regularly need information about the offshore climate in their business. Because companies differ from one to each other, the information in *waveclimate.com* can easily be tailored to the requirements of each individual user by the user.

Contact: ARGOSS, VOLLENHOVE, The Netherlands; ☎+31 527 242299, Fax: +31 527 242016, www.argoss.nl, www.waveclimate.com

USCG Charts

Maptech (Amesbury, MA) is the *Official* raster chart of the US Coast Guard. The contract calls for Maptech to supply *Digital ChartKit Professional* to the Coast Guard on a fleet wide basis. Along with the *official* digital NOAA charts the Coast Guard utilizes Maptech's exclusive *Notice to Mariners* weekly Internet E-mail automatic update service with optional monthly CD-ROM chart corrections.

The digital charts cover all US waters (coastlines and the Great Lakes), Hawaii, Puerto Rico, and the Virgin Islands. *Digital ChartKit Professional* is available by Region using the *official* and exclusive Maptech/BSB format for US\$ 499.95 per Region, which includes the weekly update service.

The U.S. Coast Guard will use *Digital ChartKit Professional* 2001 edition.

Mitigation

Responding positively to a report from the National Research Council/National Academy of Sciences, the US Army Corps of Engineers released new official guidance to its regulatory offices. *Regulatory Guidance Letter G 1-1* requires more stringent standards for mitigating permitted impacts to the aquatic ecosystem, including wetlands.

Although the Corps currently requires mitigation when authorizing permits with environmental impacts, the NRC/NAS report recommended improving mitigation procedures in several ways: rely less on onsite mitigation, which often fails due to altered hydrology from the permitted action, ensure that mitigation projects function as intended, ensure that planned mitigation projects are indeed built, and take a structured approach to mitigation.

OEM + Rowan

On October 31, Rowan Companies Inc. (Houston, TX) announced it has agreed, subject to the execution of a definitive purchase agreement, to buy Oilfield-Electric-Marine, Inc. (OEM) and Industrial Logic Systems, Inc. for a price of approximately US\$ 8.0M in Rowan common stock.

Consummation of the purchase, subject to certain conditions, is expected to occur during the fourth quarter of 2001.

Kevin R. Williams, president of OEM, has agreed to continue his involvement in the design, development and marketing for the Company.

Rowan Companies, Inc. is a major provider of international and domestic offshore contract drilling and aviation services. The Company also operates a mini-steel mill, a manufacturing facility that produces heavy equipment for the mining, timber and transportation industries, and a marine division that has designed or built about one-third of all mobile offshore jack-up drilling rigs, including all 22 operated by the Company. www.corporate-ir.net, (See OEM's ad on pg. 28) ○

Algae-X + Detroit D

ALGAE-X International (Ft. Myers Beach, FL) recently entered into a distribution agreement with **Florida Detroit Diesel-Allison (FDD-A)** (Miami, FL). FDD-A will distribute the **ALGAE-X Magnetic Fuel Conditioners** and the **AFC-705 Fuel Catalyst**.

FDD-A is the Detroit Diesel/MTU Engine Distributor operating eight branches throughout the State of Florida. FDD-A services customers directly and through a dealer network of over 80 locations. FDDA's plans to integrate **ALGAE-X Fuel Conditioners** into engine packages, and retro fit **ALGAE-X** units into existing engine installations. www.algae-x.net ○