

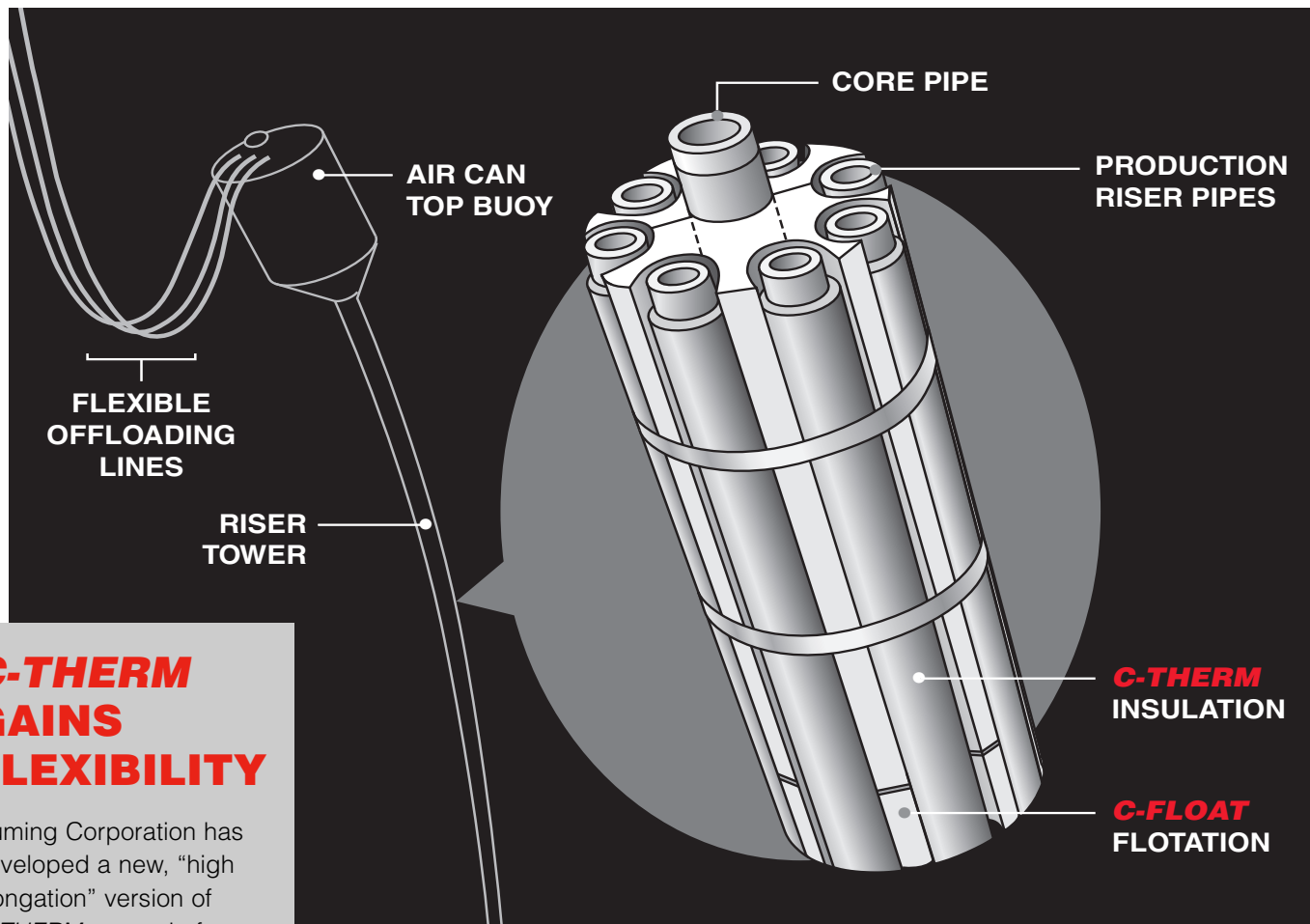
# Cuming Corporation News

225 Bodwell Street Avon, MA 02322.1148 **1.800.432.6464** Fax 508.580.0960 [www.cumingcorp.com](http://www.cumingcorp.com)

## NEW MATERIALS AID CHALLENGING PRODUCTION

A new "riser tower" concept allows oil and gas production by BP Angola and other major producers in ultradeep

water support to operate for long periods of time in water several thousands of feet deep. Stolt Offshore (contractor



### C-THERM GAINS FLEXIBILITY

Cuming Corporation has developed a new, "high elongation" version of *C-THERM* syntactic foam insulation for use on subsea equipment requiring extreme flexibility. The pour-in-place material is helpful, for example, on jumpers that may experience large deflections during installation. After thorough testing, the new insulation is now being applied on parts of a major project destined for the Gulf of Mexico.

The riser tower consists of a pipe bundle leading from the wellhead to a buoy near the surface. The pipes are coated with *C-THERM* insulation for flow assurance and nested inside *C-FLOAT* buoyancy to keep the tower taut and vertical.

water, thanks to Cuming Corporation's newly-developed advanced materials.

The riser tower bundles together risers gathering output from many widely dispersed subsea wells for delivery to a processing vessel. A freestanding structure, the tower requires both thermal insulation and buoy-



**OTC 2005**  
**May 2-5, Booth 4505**  
 Visit us at  
**Bayou Flow Technologies**

**BFT**  
 Bayou Flow Technologies, LLC

for BP Angola) has just ordered 452 buoyancy modules for its riser towers.

*C-THERM* syntactic foam, the industry standard for thermal insulation, is cast on pipe to meet requirements for almost any depth, temperature, and thermal value at our factory in New Iberia, Louisiana. Located adjacent to our BFT (Bayou Flow Technologies) partners, our customers can take advantage of "one stop shopping" for all of their fabrication, corrosion coating, pipe handling, and barge shipment needs.

Cuming Corporation's Research and Development Department conducted a year-long program to create

*C-FLOAT* syntactic foam buoyancy materials for the new riser towers. "Our sophisticated test methods ensure that the new materials retain their strength and buoyancy safely and reliably in localized water temperatures of up to 50° C, for twenty years or more," said Ray Wong, manager of flotation products.

Watch our web site this summer for a technical paper by R&D Director Vincent Wang on this pioneering test program, which will be presented in June 2005 at the 24th International OMAE Conference.

## MAJOR FLOTATION CONTRACT AWARDED

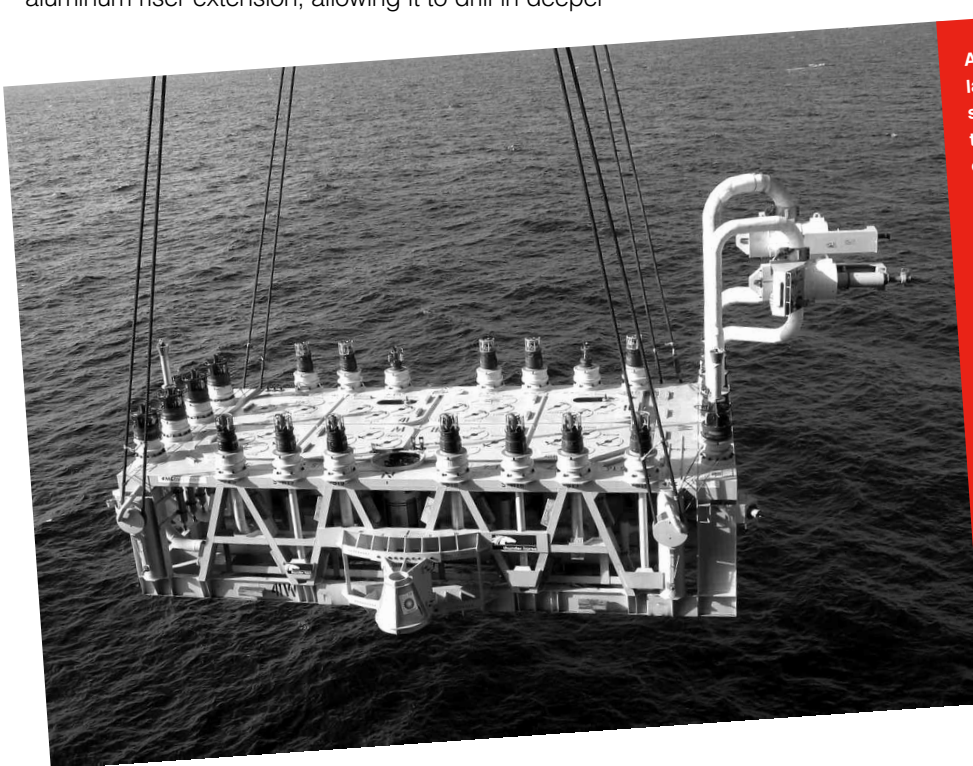
Diamond Offshore has selected Cuming Corporation to supply 2500 buoyancy modules for six of its deepwater drilling rigs, including *Ocean Alliance*, *Ocean Endeavor*, *Ocean Winner*, *Ocean Patriot*, *Ocean Voyager* and *Ocean*

*Clipper*. These buoyancy modules will be used worldwide, in water depths ranging from 3000 ft. to 9000 ft.

## NOBLE DRILLING C-FLOAT PROJECT COMPLETED

Cuming recently completed high-performance buoyancy modules for longtime customer Noble Drilling Company's rig *Lorris Bouzigard*. The rig has been retrofitted with an aluminum riser extension, allowing it to drill in deeper

water. Cuming supplied 658 riser modules, rated to 4,000 feet for *Bouzigard*.



A large manifold insulated with *C-THERM* syntactic foam enters the waters of the Gulf of Mexico. Manifolds, PLETS, sleds and other subsea components on this major project have been fitted with *C-THERM* FPP HTHP (High Temperature High Pressure) insulation to withstand extreme water depths and temperatures. The epoxy syntactic material, selected over a number of other competing materials, is designed to operate for 25 years at 6500 feet and 270° F.

### CONTACT INFORMATION:

- LOU WATKINS
- RAY WONG (flotation)

225 BODWELL ST.  
AVON, MA 02322  
1-800-432-6464  
++1-508-580-2660  
++1-508-580-0960 FAX  
lwatkins@cumingcorp.com  
rwong@cumingcorp.com  
++1-617-648-7096 WONG'S MOBILE

- ELMER HERSHEY (insulation)



Bayou Flow Technologies, LLC  
BAYOU FLOW TECHNOLOGIES, LLC  
515 N. SAM HOUSTON PARKWAY EAST  
SUITE 630  
HOUSTON, TX 77060  
++1-281-591-1001  
++1-281-591-0284 FAX  
++1-713-376-5767 MOBILE  
ehershey@cumingcorp.com  
4401 CURTIS LANE  
NEW IBERIA, LA 70560  
++1-337-367-8383  
++1-337-367-8349 FAX

- LOUIS SLAUGHTER (flotation)

Teal Equipment Company  
2100 NORTH LOOP WEST  
P.O. BOX 924116  
HOUSTON, TX 77292  
++1-713-253-1629  
++1-713-627-0314 FAX  
lslaughter@cumingcorp.com

### EUROPE

- MIKE BOHLEKE

SCHULSTRASSE 8  
D-61276  
WEILROD, GERMANY  
++49-6083-1251  
++49-6083-28380 FAX  
++49-172-7208025 MOBILE  
mbohleke@cumingcorp.com

### BRAZIL

- LUPPI BATISTA

FRANK'S INTERNATIONAL  
BRASIL LTDA.  
ROD. AMARAL PEIXOTO,  
KM 164,5, S/N - IMBOASSICA  
MACAE - RJ - BRAZIL 27.901-000  
++55-22-2763-4250  
++55-22-2763-4251 FAX  
++55-22-9911-4090 CELL  
luppibat@franksintl.com.br

### JAPAN

- S. OSAWA

E&C Engineering K.K.  
3-16-1 SHIN-YOKOHAMA,  
KOHOKU-KU  
YOKOHAMA 222-0033 JAPAN  
++81-45-471-4791  
++81-45-471-4798 FAX  
osawa@ece.co.jp

### INDIA

- JITENDRA KUMAR

G&T Resources Worldwide  
F-04 & F-05 TRIVENI  
COMMERCIAL COMPLEX  
SHEIKH SARAI PHASE I  
NEW DELHI 110 017 INDIA  
++91-11-2601-4949  
++91-11-2601-4545 FAX  
++91-98110-88334 MOBILE  
jitendra@gtw.com  
delhi.office@gtw.com



## NEW BRAZILIAN SALES REPRESENTATIVE NAMED

Frank's International is the new Brazilian sales representative for *C-FLOAT* syntactic products. For information about how Cuming Corporation can support you on South

American projects, see Frank's contact information on the side of this page.