Baker Hughes provides operators with the most reliable and efficient offshore stimulation services in the market today, which is crucial when stimulating challenging deepwater wells. Our combination of pre-job reservoir characterization and stimulation treatment planning; innovative vessel plant designs; advanced instrumentation and control; redundant, job-critical equipment; and customized stimulation fluid systems ensure that we deliver the right treatment the first time. These elements, coupled with our global expertise, provide the reliability you need to lower rig time, nonproductive time, and risk while enhancing production and profits.

The Baker Hughes Blue Tarpon™ well stimulation vessel is equipped with 15,000-psi (103.4-MPa) MWP pumps and carries two flexible steel umbilical lines that allow up to 80 bbl/min (0.21 m³/s) pumping rates. It is also equipped with 24,000-hydraulic horsepower pumping capacity. These capabilities, combined with the vessel's storage capacity, enable the completion of multiple well treatments on a single voyage without the need to return to dock to resupply fluids or chemicals.

To find out how a custom-engineered stimulation solution can help you maximize the efficiency of your offshore completion operation, contact your Baker Hughes representative or visit http://www.bakerhughes.com/wellstimulationvessels today.

Applications
- Offshore stimulation operations
- Fracturing and acidizing operations
- Sand and well control operations

Features and Benefits
- ABS™ Well Stimulation Vessel certification
  - Follows stringent health, safety, environmental, and quality requirements
- DP-2 system
  - Provides unprecedented station-keeping capabilities
- Increased storage and capacity
  - Pumps nonstop for large-scale projects and multiple zones
  - Reduces time and expense to resupply vessel
- Quality-assurance and quality-control systems and processes
  - Reduces risk by providing real-time quality control and testing
- Advanced remote control and monitoring of systems during treatments
  - Enables secure, rapid, global data transmission wirelessly
  - Provides 100% redundancy for critical systems
- Baker Hughes EZTreat™ treatment control and JobMaster™ monitoring software applications
  - Integrates equipment controls and simplifies operations
  - Provides stimulation data collection, analysis, and treatment monitoring
- Meets or exceeds environmental compliance requirements
  - Safeguards against discharge of hazardous materials
- Enclosed stimulation plant
  - Improves safety and operational efficiency

Overview
Blue Tarpon Deepwater Stimulation Vessel
Increase reliability and reduce risk, rig time, and NPT while enhancing production
### Special Equipment

- **Hydration tank**: 240 bbl (38.1 m³)
- **Liquid gel pumps**: 2
- **Liquid gel pump rate range**: 5 to 46.0 gal/min (22.7 to 209.2 l/min) per pump
- **Specialty additive screws**: 2
- **Specialty additive rate range**: 30 to 5,000 lbm/min (14 to 2268 kg/min) per screw

### Mixing/Pumping Equipment

- **Total HHP**: 24,000
- **Maximum working pressure**: 15,000 psi (103.4 MPa)
- **Blending machine rate**: 100 bbl/min (15.9 m³/min)
- **Maximum sand delivery rate**: 32,000 lbm/min (14 515 kg/min)
- **Pneumatic sand delivery rate**: 21,000 lbm/min (9526 kg/min)
- **Wet chemical addition rate range**: 0.25 to 40.0 gal/min (1.13 to 181.8 l/min)
- **Dry chemical addition rate range**: 0.5 to 25.0 lbm/min (0.2 to 11.3 kg/min)
- **Maximum on-the-fly acid mixing rate**: 20 bbl/min (3.8 m³/min)
- **Coflexip™ line size/rating**: 2 each 4-in. (101.6-mm) lines rated to 15,000 psi (103.4 MPa)

### Storage Capacities

- **Proppant (above deck)**: 750,000 lbm (340 198 kg)
- **Proppant (below deck)**: 2,000,000 lbm (907 194 kg)
- **Fluid (below deck)**: 10,200 bbl (1621.6 m³)
- **Raw acid**: 6,300 gal (23.8 m³)
- **Solvent/acetic tanks**: 20,700 gal (94.1 m³)

### Vessel Specifications

- **Length**: 300.5 ft (91.6 m)
- **Beam**: 60.0 ft (18.3 m)
- **Draft**: 24.0 ft (7.3 m)

### ABS-Certified: A1 Hull, AMS Machinery

- **SOLAS Class**
- **Marpol**
- **ABS-WS**

### Machinery/Performance

- **Main engines**: 2 x 3,600 hp Caterpillar™ diesels
- **Bow thruster**: 1,675 hp
- **Bow drop down**: 1,200 hp Rolls-Royce™ TCNS 73/50 swing-up CPP
- **Stern thruster**: 1,675 hp
- **Cruising speed**: 10 knots
- **Maximum speed**: 14.5 knots
- **Dynamic positioning**: DP Class 2 system

### Storage Capacities

- **Proppant (above deck)**: 750,000 lbm (340 198 kg)
- **Proppant (below deck)**: 2,000,000 lbm (907 194 kg)
- **Fluid (below deck)**: 10,200 bbl (1621.6 m³)
- **Raw acid**: 6,300 gal (23.8 m³)
- **Solvent/acetic tanks**: 20,700 gal (94.1 m³)

### Mixing/Pumping Equipment

- **Total HHP**: 24,000
- **Maximum working pressure**: 15,000 psi (103.4 MPa)
- **Blending machine rate**: 100 bbl/min (15.9 m³/min)
- **Maximum sand delivery rate**: 32,000 lbm/min (14 515 kg/min)
- **Pneumatic sand delivery rate**: 21,000 lbm/min (9526 kg/min)
- **Wet chemical addition rate range**: 0.25 to 40.0 gal/min (1.13 to 181.8 l/min)
- **Dry chemical addition rate range**: 0.5 to 25.0 lbm/min (0.2 to 11.3 kg/min)
- **Maximum on-the-fly acid mixing rate**: 20 bbl/min (3.8 m³/min)
- **Coflexip™ line size/rating**: 2 each 4-in. (101.6-mm) lines rated to 15,000 psi (103.4 MPa)

### Special Equipment

- **Hydration tank**: 240 bbl (38.1 m³)
- **Liquid gel pumps**: 2
- **Liquid gel pump rate range**: 5 to 46.0 gal/min (22.7 to 209.2 l/min) per pump
- **Specialty additive screws**: 2
- **Specialty additive rate range**: 30 to 5,000 lbm/min (14 to 2268 kg/min) per screw

---

**Disclaimer of Liability**: This information is provided for general information purposes only and is believed to be accurate as of the date hereof; however, Baker Hughes Incorporated and its affiliates do not make any warranties or representations of any kind regarding the information and disclaim all express and implied warranties or representations to the fullest extent permissible by law, including those of merchantability, fitness for a particular purpose or use, title, non-infringement, accuracy, correctness or completeness of the information provided herein. All information is furnished "as is" and without any license to distribute. The user agrees to assume all liabilities related to the use of or reliance on such information. BAKER HUGHES INCORPORATED AND ITS AFFILIATES SHALL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, PUNITIVE, EXEMPLARY OR CONSEQUENTIAL DAMAGES FROM ANY CAUSE WHATSOEVER INCLUDING BUT NOT LIMITED TO ITS NEGLIGENCE.

[www.bakerhughes.com](http://www.bakerhughes.com)

ABS™ is a trademark of The American Bureau of Shipping.
Caterpillar™ is a trademark of Caterpillar Inc.
Coflexip™ is a trademark of Technip.
Rolls-Royce™ is a trademark of Rolls-Royce Group PLC.