

Stim Star IV

Stimulation Vessel Designed to Meet Offshore Gulf of Mexico Requirements

The Stim Star IV stimulation vessel is designed to enable Halliburton specialists to perform key reliable services to our customers in a more efficient and effective manner. The vessel comes with manual controls for all automated equipment and four variable-speed below-the-deck fluid pumps.

Features

- State-of-the-art control house equipped with the latest InSite® Service for Stimulation™ (IFS) software and ACE (Automated Controlled Equipment)
- Dynamic positioning (DP2) certification helping to ensure accurate station holding in challenging conditions
- Dual 75 bbl Growler blender modified to blend proppant and chemical additives to the base fluid without destroying the base fluid properties but still providing ample energy for the blending of the proppant
- The ability to mix acid-on-the-fly that gives the vessel the carrying capacities for large volume jobs
- Manual controls for all ACE controls
- Seawater filtration pots
- 6,000-gal hazardous waste fluid tank
- 26 x 40 ft landing platform
- Enclosed stimulation equipment
- Escape breathing apparatus for the entire vessel
- Customer conference room
- Hospital
- Workout room
- Four variable-speed below-deck-fluid pumps
- Two hydraulic power packs on proppant delivery system

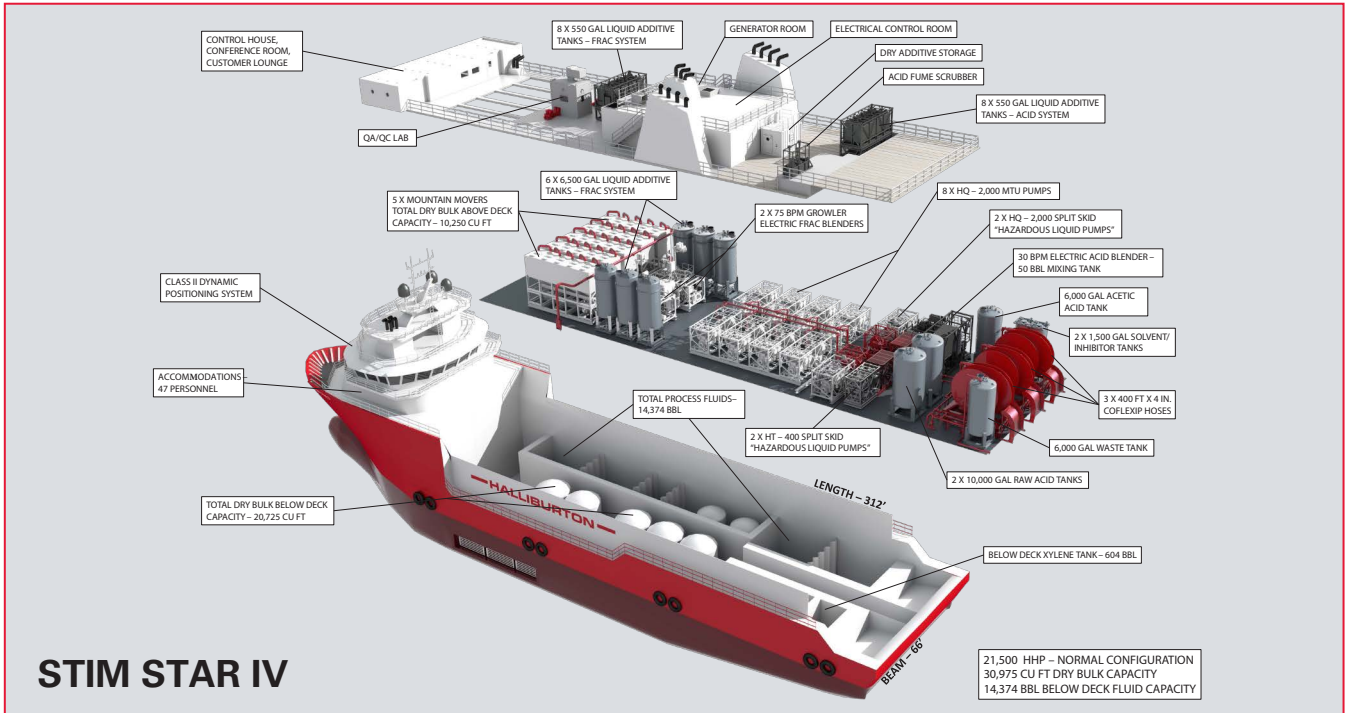


Stim Star IV

Benefits

- Hydraulic Fracturing—Vertical, deviated, and horizontal wells including both proppant and acid fracturing. For improved long-term propped fracture performance, conductivity endurance technologies include SandWedge® conductivity enhancement System and Expedite® proppant flowback control service.
- Near-Wellbore Damage Removal—Matrix acidizing, foamed acid, water and gas conformance solutions, and scale removal and prevention. Special equipment enables use of an emulsified acid system for carbonates.
- Sand Control Solutions—FracPac, Ex-Tension Pac, High Rate Water Pack, Gravel Pack, and Formation Stabilization.
- Quality Testing —State-of-the-art laboratory for QA/QC testing on board including high-temperature instruments for generating rheology data.

Stim Star IV Layout



Stim Star IV Specifications	
Dimensions	Length: 312 ft Width: 66 ft Minimum operating draft: 25 ft
Blending and Proportioning Systems	Two fracturing blenders (75 bpm of up to 9 PPG each) Acid blender (30 bpm) 16 liquid additive pumps
High-Pressure Pumping System	Ten HQ-2000™ pumps (2,000 hhp each) Two HT-400™ pumps (750 hhp each) Three 4 in. x 400 ft x 15,000 psi flexible hose with reel High-pressure manifold (15,000 psi)
Fluid/Proppant Storage	17,400 bbl fluid storage 4 million lb proppant storage <i>(Actual storage based on per job basis)</i>
Acid/Chemical Storage	20,000 gal xylene storage 20,000 gal raw hydrochloric acid storage 6,000 gal acetic acid storage 7,400 gal acid liquid additive storage 43,400 gal frac liquid additive storage 1,200 cu ft dry additive storage
Electrical System	Four electrical generators Paralleling switchgear Electrical equipment room

**For more information, contact your local Halliburton representative
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