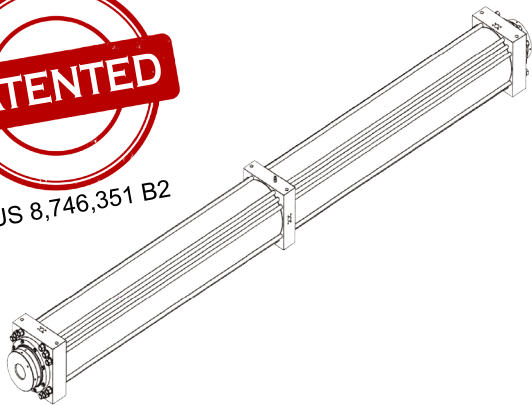


# WRIGHT'S HEAVE COMP SYSTEM ENSURES STABILITY & SAFETY



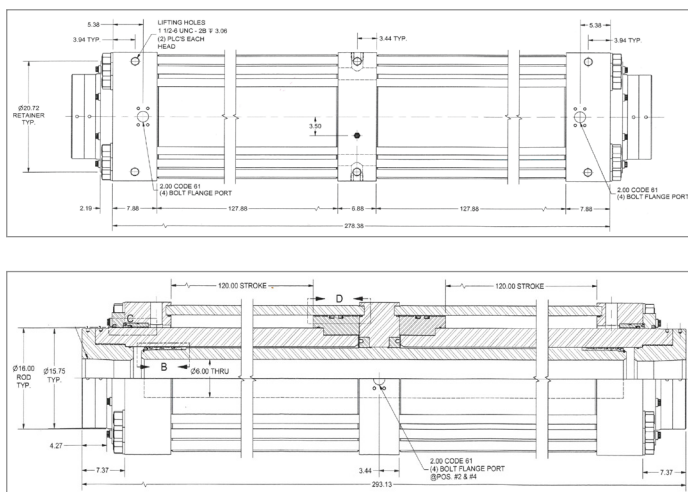
**HOUSTON, TEXAS** - Wright's Well Control Services has recently received a patent on their self-contained stabilization system "that heaves itself" via two cylinders working in unison against surge and waves. The Wright's Heave Comp System breaks with convention by offering a central longitudinal conduit extending through the center of its cylinders. Where other rig-based kits externally stabilize a riser, the Wright's device is machined from its midpoint with a 6" ID pathway to allow tools to run through the center of the mechanism. This new assembly offers a higher degree of riser management from a vessel and is comparable to that of rig, allowing for continued abandonments, workovers, completions and production operations.

The Wright's wireline deployment tool tensioner is designed to compensate for the motion of a heaving vessel for safer operations using tools or tubing strings. The tensioner serves as a pneumatic shock absorber and spring device, using compressed nitrogen as the spring and hydraulic fluid for damping. In addition, the sheave housing mounted on the top and bottom of the cylinder, provides a 2:1 mechanical advantage, which rapidly removes slack in the cable and maintains steady tension as the vessel rises and falls in heaving seas.

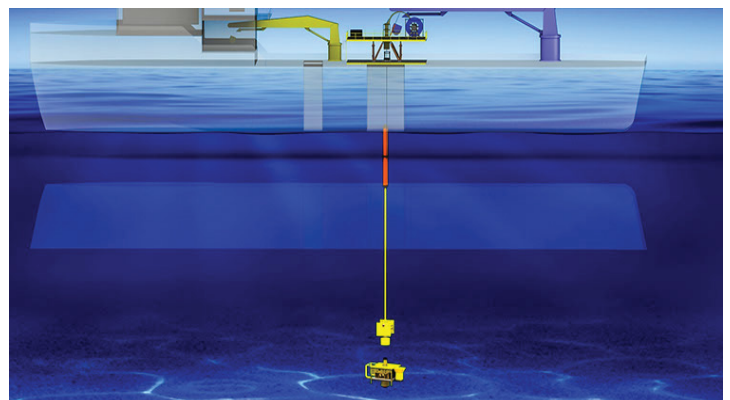
## KEY SPECS



- Self contained system that "heaves itself" via dual cylinder assembly
- Cylinders work in tandem to exert force against subsea surge and motion of vessel
- Run coiled tubing, wireline and tools through the center of the cylinders
- Wright's also has plans for a heave comp floor using similar system
- Wright's will have the capability to run rigless WITH A RISER for acid injections and stimulations, P&As and hydrate remediation jobs
- Worked in partnership with Parker Hannifin to develop system



## Simulation of the Wright's Heave Comp System



Learn More at [www.wrightswell.com](http://www.wrightswell.com)

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