



Model: See Affected Equipment	Jun. 27, 2018
Serial #: N/A	
Product Bulletin # TDS-181	

Top Drive VFD Obsolescence

Issue

The Yaskawa G5 Variable Frequency Drive (VFD) product line has been discontinued by the manufacturer. Replacement components for this equipment in older Canrig Top Drive Support Units (TDSUs) may not be available.

Affected Equipment

All top drive systems with Yaskawa G5 drives are affected. These units were delivered between 2009 and 2012. IDM and OMRON were US resellers for the G5 drive, so buildings and cabinets may be labeled as such. Starting in 2012 with top drive SN1094, MV3000 systems were phased into standard production, although some Yaskawa G5 TDSUs were delivered after SN1094.

Recommendation

Operators may choose to upgrade or replace affected TDSUs to avoid excessive downtime that may result from equipment failure and the lack of replacement components. It is possible to refurbish Canrig TDSUs with new VFDs, but depending on condition and configuration, the cost of this upgrade may be close to the cost of a new TDSU. It is recommended that operators that own several TDSUs purchase new TDSUs and use the old TDSUs for spare parts as needed. Contact Canrig Sales to discuss specific needs and scenarios.

If a new TDSU is purchased, the equipment outside the TDSU will also need to be updated to Ethernet over fiber optic cable per Product Bulletin 18-039 TDS Blue Hose Upgrade (Fiber Optic).

Contact RIGLINE 24/7™ Support for more information.