

**VRS EHP – Voltage Regulator Section**



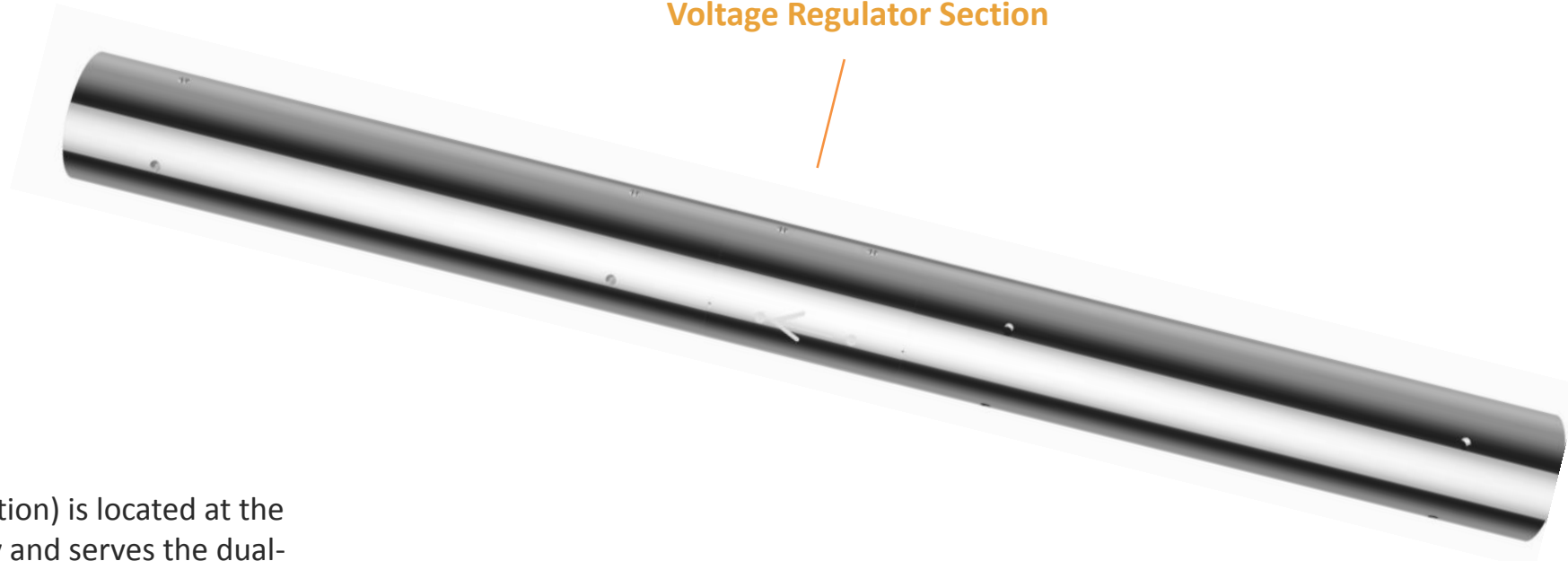
**Main Features**

- Voltage Regulation.
- Sinker Bar.
- Motion Sensor.
- Standard 7 conductor wireline.
- EXTRA High Pressure 30,000 psi (2100 bar).
- High Temperature.
- All new VRS design, eliminating 9 seals .

**Functionality**

- The VRS Extra High Pressure (Voltage Regulator Section) is located at the bottom end of the Geochain™ digital receiver array and serves the dual-purpose as a voltage regulator to establish the 110 volt ASR arm operating motor voltage. The second function is to act as a sinker weight and is equipped with a motion sensor assisting with the lowering of AST tools down the borehole.
- A portion of the current through the VRS is diverted to operate the ASR arm control motors. The Geochain™ software is able to resolve any current demands required by the ASR arm motors by automatically suspending one or more motors until more current is available.

**VRS EHP  
Voltage Regulator Section**



*VRS (EHP)  
Specifications*

<b>Length</b>	50" (1270mm) with nose cone
<b>Diameter</b>	3.25" (82.5mm)
<b>Weight</b>	130lbs (46.5 kg) with nose cone
<b>Temperature</b>	385°F (195°C) (Digital Only)
<b>Pressure</b>	30,000psi (2100 bar) EHP version
<b>Panels</b>	GPP or GMP & GSP-1 (Digital)
<b>Max number of ASR's</b>	62
<b>Wireline</b>	7 Conductor Heptacable

**SURFACE PANELS**

