

## VRS – Voltage Regulator Section



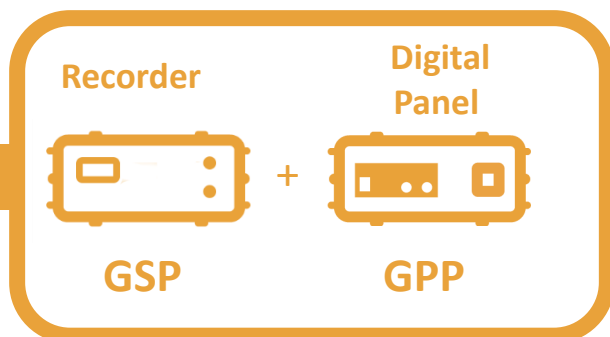
### Main Features

- Voltage Regulation.
- Sinker Bar.
- Motion Sensor.
- Standard 7 conductor wireline.
- High Pressure.
- High Temperature.

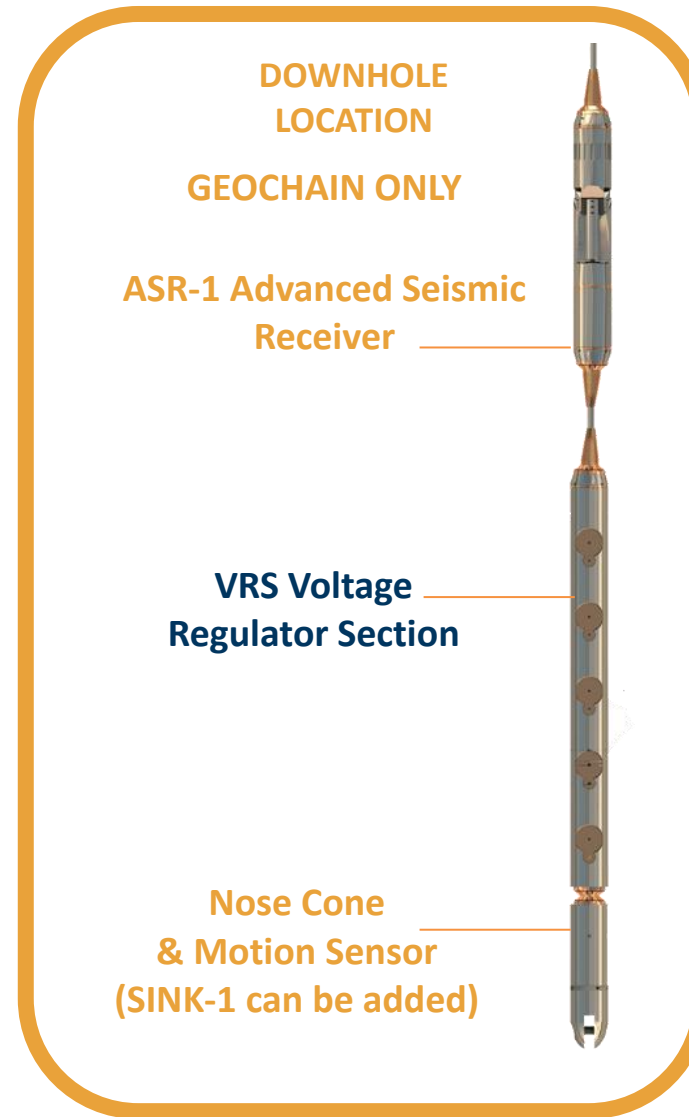
### Functionality

- The VRS (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.

## SURFACE PANELS



## LEADERS IN BOREHOLE SEISMIC TECHNOLOGY



## DOWNHOLE LOCATION

### VRS (HP) Specifications

<b>Length</b>	64" (1326mm) with nose cone
<b>Diameter</b>	3" (76mm)
<b>Weight</b>	95 lbs (43kg) with nose cone
<b>Temperature</b>	385°F (195°C) *Digital Only
<b>Pressure</b>	25,000psi (1750 bar) HP version
<b>Panels</b>	GPP or GMP & GSP-1 (Digital)
<b>Max number of ASR's</b>	62
<b>Wireline</b>	7 Conductor Heptacable