Receiver Features	VR2AR	VR2Tx	VR2W
Detects all Vemco 69 kHz Coded Tags	Yes	Yes	Yes
Built-in Transmitter (Improved positioning studies) Receiver logs its own transmissions and thus is immune to collisions and echoes.	Yes	Yes	No
Remote Sync Tag or Range Test Tag Configuration Remotely configure tag power and transmission interval.	Yes	Yes	No
Tilt Sensor Remotely request tilt measurements in real-time and log to memory at a user defined interval.	Yes	Yes,	No
Noise Measurements Remotely request min, max and average noise measurements and log to memory at a user defined interval.	Yes	Yes	No
Ambient Temperature Sensor Get fast updates and log to memory on a user programmable interval.	Yes	Yes	No
Communications to Surface* Communicate with the receiver from the surface without retrieving the unit.	Yes	Yes	No
Range Measurement from VR100 to Receiver (Locate your receiver)* Request the slant range distance from your location to the receiver.	Yes	Yes	No
Unit Discovery (Who's down there?)* Find any receiver within range of your location.	Yes	Yes	No
Health Monitoring* Remotely verify battery level, memory usage, tilt, and distance.	Yes	Yes	No
Real-time Sensor Readings* Request unit tilt, battery life, memory usage, receiver health (above) and temperature in real time.	Yes	Yes	No
Number of Detections Readings in Real-time* Request the current number of detections in the receiver memory without retrieving the unit.	Yes	Yes	No
Programmable Watch Table* Read the number of detections in real-time for up to 128 unique tag ID's. Verify the detections during a range test or confirm the performance of a VPS system without having to recover the receiver.	Yes	Yes	No
Depth Sensor* Request the depth as the unit comes to the surface.	Yes	No	No
Release Status Updates* Request release status updates before, during, and after release.	Yes	No	no
Unit Location* Know exactly when your receiver is at the surface by requesting absolute and horizontal range while your receiver is rising.	Yes	No	No
Built-in Acoustic Release for Easy Retrieval* Reliable push-off mechanical release mechanism with DC motor and simple re-arming in the field.	Yes	No	No

VR100-200 and VHTx Hydrophone required for all remote communications with deployed units.