



## VEMCO Range Test Software Metadata Requirements

To analyze range test data, the VEMCO Range Test Software requires information about the deployed equipment, the timing of the deployment(s), and the geographic locations of the receivers and transmitters. The following information will be required when running the software:

- Start date and time of the range test
- End date and time of the range test
- Range test tag specifics<sup>1</sup>
  - Transmitter code space (ex: A69-1303, A180-1701)
  - Transmitter ID
  - Transmitter minimum and maximum delay
- Range test tag and receiver locations
  - For each receiver and transmitter,
  - Location start date and time
  - Location end date and time
  - Latitude
  - Longitude

If receivers or transmitters were relocated part way through a range test, a new location start time, end time, latitude, and longitude will be required for each location.

- All detection log files (ex: VR2W\_\*.vrl, VR2W-180\_\*.vrl, VR2C69\_\*.vrl, VR2C180\_\*.vrl, VR4-UWM\_\*.vrl, VR3-UWM\_\*.vrl)
- Optional, but recommended: Information on environmental conditions (temperature data, tide data, or wind data, for example). One custom data set can optionally be included in the range test analysis; inclusion of this information can provide insight into any observed variability in detection range.
- Optional, but recommended: Receiver and transmitter deployment depths. Although not required by the software, this information can be useful for understanding system performance.

Please be sure to collect all of the required information above during range testing; it will need to be entered into the software to complete the analysis.

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<sup>1</sup> Tag specifics can be found on the tag specification sheets that accompanied your transmitter order.