

WIREWALKER QUICK START NOTES

Thank you for your Del Mar Oceanographic Wirewalker order! We're excited for you to get started, and look forward to hearing about your experiences. As with most oceanographic equipment, those that become familiar with it prior to a major deployment are typically those that are able to collect the highest quality data. The following are recommendations to help you get started as quickly as possible,

❑ **WHAT'S IN THE BOX?**

WW Crate: the WW Profiler with integrated instrumentation and spare buoyant foam.

Buoy Crate: the WW Buoy, downweights (secured to crate floor), and mooring hardware (in cardboard box).

Profiling Wire Box: either coiled wire (if short) or a wound spool of wire with turnaround bumpers mounted.

Other: it's likely that additional cases, crates, and/or boxes were also included with the instrumentation purchased. As appropriate, these may ship as separate items or inside the buoy crate. Sensor/logger specific service kits, spare parts, and communications cables can be found in the appropriate boxes.

❑ **READ THE WW USER GUIDE**

The user guide includes detailed instructions for preparing for a deployment, including how the components are assembled, etc.

❑ **CHECK BATTERIES**

If your WW includes an external battery canister or equipment with internal batteries, the batteries were most likely shipped inside the housing, but disconnected. Please open the housings, connect the batteries, and inspect the o-ring prior to resealing.

❑ **ACTIVATE GPS BEACON**

Iridium beacons require an airtime subscription. Contact the beacon manufacturer directly to activate and discuss which plans are right for you.

❑ **TEST BUOY FLASHER**

The marine lantern on the buoy is ready to use. However, the toggle switch must be switched to ON and it only flashes in the dark, so you may need to turn out the lights, or cover the sensor with your hands/towel/cloth to test.

❑ **TEST AND PROGRAM INSTRUMENTATION**

Since every WW payload is different, check the DMO tech notes and/or contact DMO for tips. It's also highly recommended to read the manufacturers manuals (many of which have links in the WW users guide).

❑ **CONFIRM FACTORY BALLASTING**

While your WW was ballasted at DMO, it's likely that your water properties are different than ours. We strongly recommend every new WW be user ballasted prior to deployment.

❑ **OTHER RECOMMENDATIONS**

Lift the WW and buoy with two or more people. During handling, be aware of exposed sensors, such as a conductivity cell and sensors peeking through the cowlings.

Become familiar with removing and installing the cowlings, center access panel, and cam cover. Practice inserting the wire while the center panel and cam are open.

A set of sawhorses are great for bringing the WW to a working height when removing cowlings, etc. They also allow for access to the underside (aka back) of the WW when working on it alone.

#DMOWirewalker, #Wavepowered, and #Oceanography are great social media tags to use when posting WW related content.

In papers and articles, we appreciate reference to the "Del Mar Oceanographic Wirewalker." Thereafter, "DMO" and "WW" are recommended abbreviations.