Product Note

Ocean Next – News in Release v4.5.0.0

Release information

Release date	2025-12-15
Release name	v4.5.0.0
EXE file version	1.0.2.41721
Piranha DLL (RTICmlib.dll)	3.0.1.9149
Scatter Probe DLL (rtiDeviceConnector.dll)	1.5.263
Mako DLL (rtiDeviceConnector-mako.dll)	1.5.263

Ocean Next 4.0 is a major new feature release from RTI Group, with the major highlight that Ocean now supports the new Mako System. Piranha, Cobia and Scatter Probe are also supported, as with previous Ocean versions.

Version 4.5.0.0 is a maintenance release with several bug fixes and enhancements.

Major changes:

- Improved Bluetooth connection
- Quicker Startup
- New Firmware for Scatter Probe and Mako
- "Field error" indication is added
- Improvement when using the CT Dose Profiler Probe to measure CTDI
- Possibility to create reports for multiple sessions
- Update of User's Manual
- Support for new calibrations for Hologic Envision added to Piranha

New feature highlights

A meter and a milestone – Meet Mako!

Ocean 4.0 now supports the new Mako System, the most accurate, efficient and versatile X-ray meter ever. The next-generation multimodality X-ray meter has market-leading accuracy (±1.5 % kVp uncertainty) thanks to innovative new detector technology. Centered around efficiency, Mako provides the ultimate no-fuss experience, simple setup in all X-ray applications, and fully wireless capability.

The modular, future-proof system design provides ultimate configuration flexibility, with the widest-ever application range for X-ray Quality Assurance testing.

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Connectivity

Ocean Next need to be able to communicate over the following ports: 5512 (Localhost), 5513 (Localhost), 8443 (External) to properly function.

Firmware

Mako

Mako firmware v1.6.2 is included in this release.

Piranha

No new Piranha firmware, in this release. The lowest firmware that shall be used with this release of Ocean is 2021.9A / 4.3A.

Cobia

No new Cobia firmware, in this release. The lowest firmware that that is recommended to be used with this version of Ocean Next is 2024.11A.

RTI Scatter Probe

The latest Firmware version for RTI Scatter Probe is v1.1.2. There is no need to update to this version as this version is only applicable to the newest versions of the Scatter Probe hardware which already ships with this version.

Known Limitations

The table below details issues and limitations in this release of Ocean Next.

Description
This release is validated for Mako only.

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