

# Ocean Navigator Production Update

The following are the changes deployed to [navigator.oceansdata.ca](https://navigator.oceansdata.ca) during the week of *March 2-6 2020*

## Changelog

- Resolved a front-end security vulnerability.
- Significantly increased timeout threshold of Nginx web server as a temporary workaround for some slowly-generating plots failing to appear on the website. We are looking to investigate the underlying issues as soon as possible.

## Note

The Navigator technical team is now in a code freeze in order to prepare for the completion of two critical code changes (described below). By code freeze we mean no other datasets, features, or bug-fixes (unless critical) will be merged into the Navigator code-base until the following two changes are tested thoroughly, merged, and deployed.

This will ensure a smooth and uneventful roll-out to our public server and minimize the duration of any service disruption.

- The coming weeks will involve the merging of a major back-end project to allow the Navigator to connect to various remote data sources, in addition to our local indexing solution we use presently. As well, a brand-new ocean model will be deployed to showcase this new functionality. Details will be provided as we get closer to an official release.
- We have identified and created a patch to resolve a number of crashes related to the Virtual Mooring plot. It is currently being tested internally.

There is other WIP being implemented internally but no timeline will be provided until the above changes are deployed.