



# Skylight for Conservation Release Notes November 2022

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*Next generation insights for marine protection.*

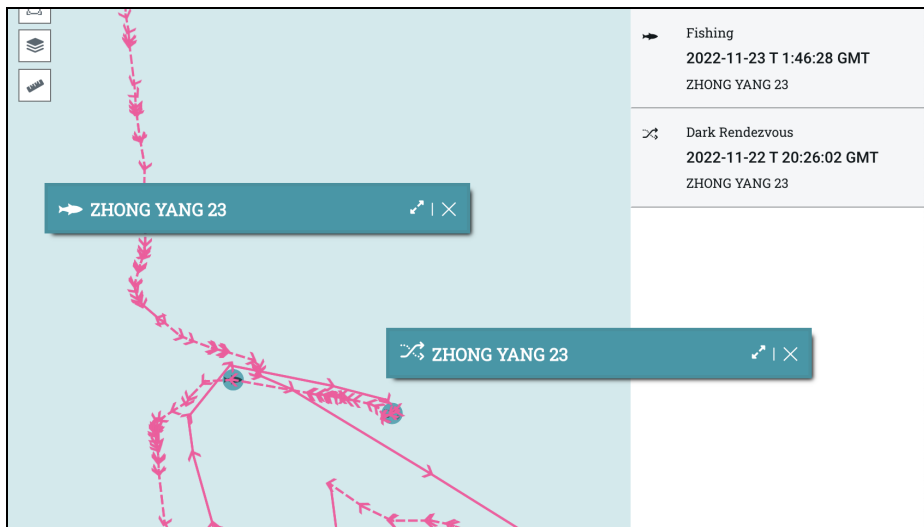
## Summary

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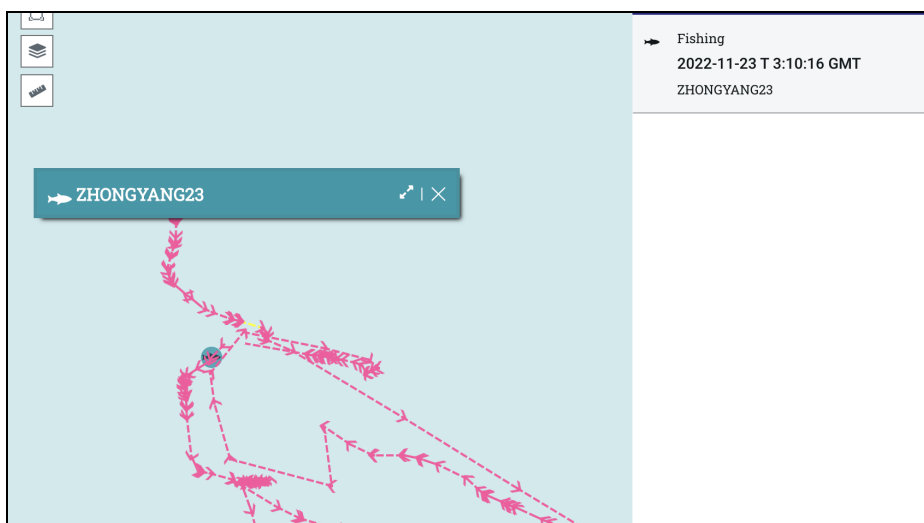
## Better Disambiguation between Fishing and Dark Rendezvous Events

Before this release, there were too many cases where a vessel seemed to be participating in both a Fishing Event and a Dark Rendezvous Event simultaneously. It is highly unlikely for a vessel to be fishing and transshipping goods with another vessel at exactly the same time. Now, you should only see one event or the other for a vessel's activity in any given period.

**Example of previous issue - Fishing and Dark Rendezvous Events generated for the same vessel activity at the same time**

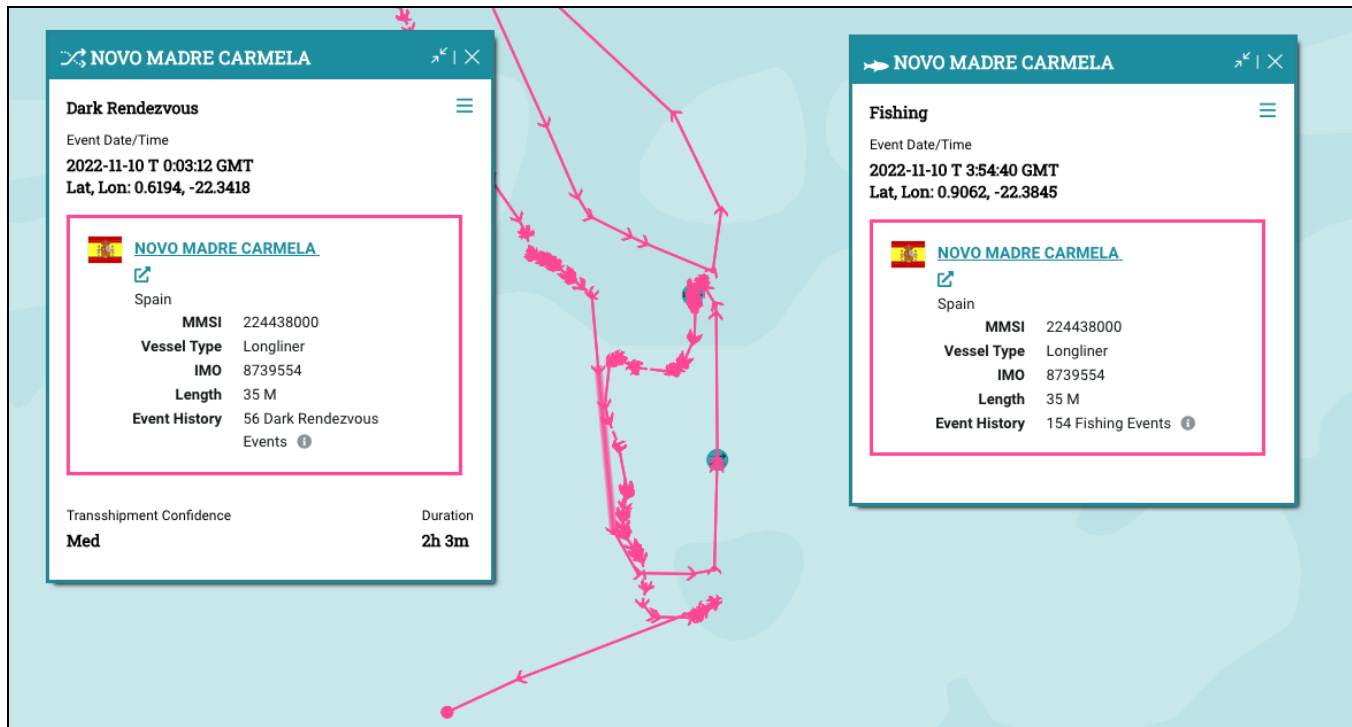


**Example of the issue resolved - the behavior is correctly classified as a Fishing Event only**



**NOTE:** There will be times when a vessel fished and then conducted a transshipment (or vice versa) and both events are detected for the vessel. In these instances, both events will be generated but the events will not overlap (they cannot be on top of each other) because of the improvements mentioned above.

#### Example where a Fishing Event and Dark Rendezvous Event are generated for a fishing vessel



### Better Dark Rendezvous Events

We also added rules to generate fewer false positives among Dark Rendezvous Events. For example, we know that transshipments between two vessels are difficult when a vessel is traveling faster than 4 knots. Additionally, transshipments that last less than 30 minutes are difficult to distinguish from loitering due to navigation or other innocent or normal reasons.

Thus, we have implemented two, new hard rules to the Dark Rendezvous Events:

- Vessels cannot be traveling more than 4 knots when the loitering behavior is observed
- Vessels cannot be loitering for less than 30 minutes
  - **NOTE:** This rule already existed for Standard Rendezvous Events

Example below of a Dark Rendezvous Event that was a likely false positive, creating “noise”, and will now no longer appear. The event duration was only 15 minutes, where the vessel appeared to have drifted and then corrected its course.

