

Introducing Debrief-Lite

from the RN's Maritime Warfare Centre July 2019



Background

The **Debrief** application was created in 1995 at the Royal Navy's Maritime Warfare Centre (MWC).

The application grew over the years to include a range of tactical maritime analysis capabilities, and is now the workhorse that powers many deep analysis tasks.

But, the full version of **Debrief** brings a learning curve, leaving it unsuited to ad-hoc analysis tasking or for use by untrained users.

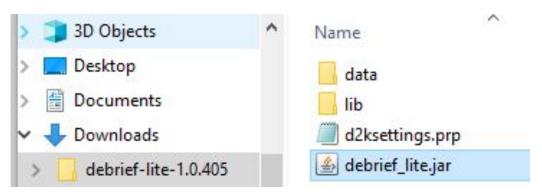
In late 2018 the MWC engaged <u>DeepBlueC.com</u> to develop **Debrief-Lite**, a slimline application targeted at infrequent analysts, internal and external to the organisation. In 2019 the body of candidate users has grown, both within the RN and internationally.



Installing Debrief-Lite

It is most likely that analysts will encounter Debrief-Lite already installed on their PCs/laptops. But, if Debrief-Lite has been obtained independently, the following steps are required:

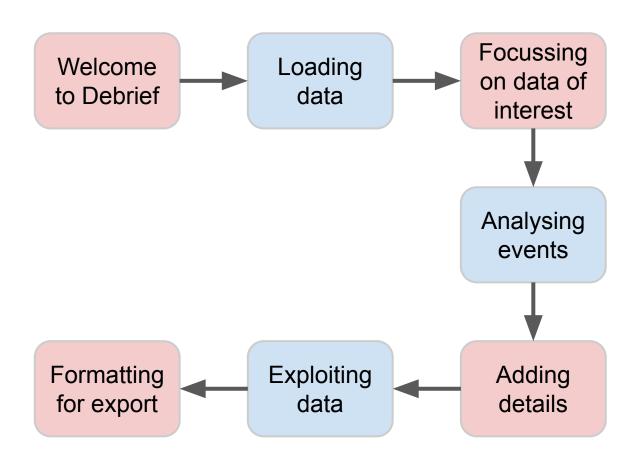
- 1. Install Java on the device (64-bit Java Version 8.0 or later is recommended). Find Java here: https://adoptopenjdk.net/
- 2. Unzip the Debrief-Lite zip file into a suitable location
- 3. Double-click on Debrief-Lite.jar





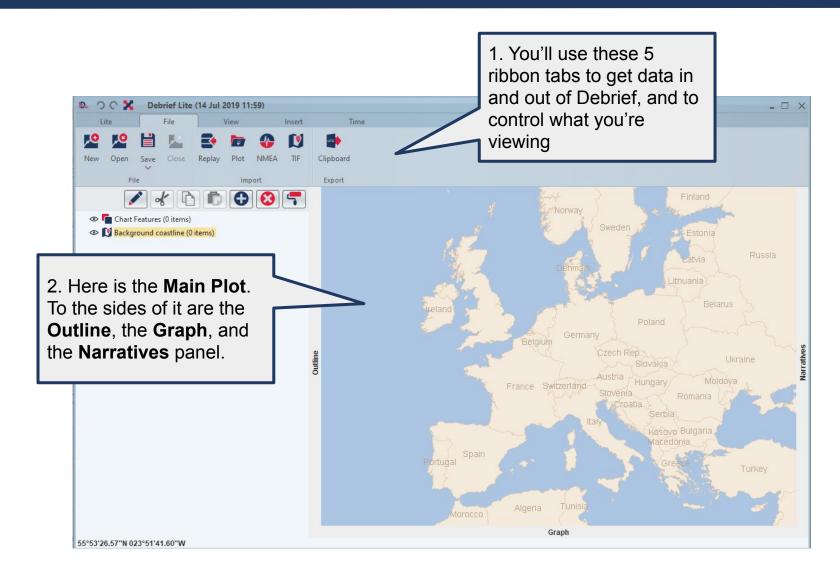
A walk-through Debrief features

Here's how we're going to break down Debrief-Lite functionality



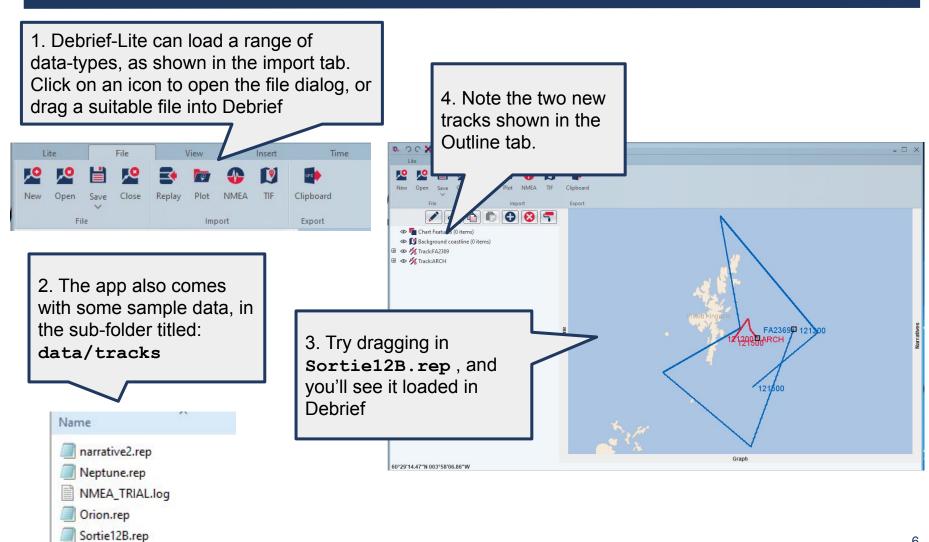


Welcome to Debrief



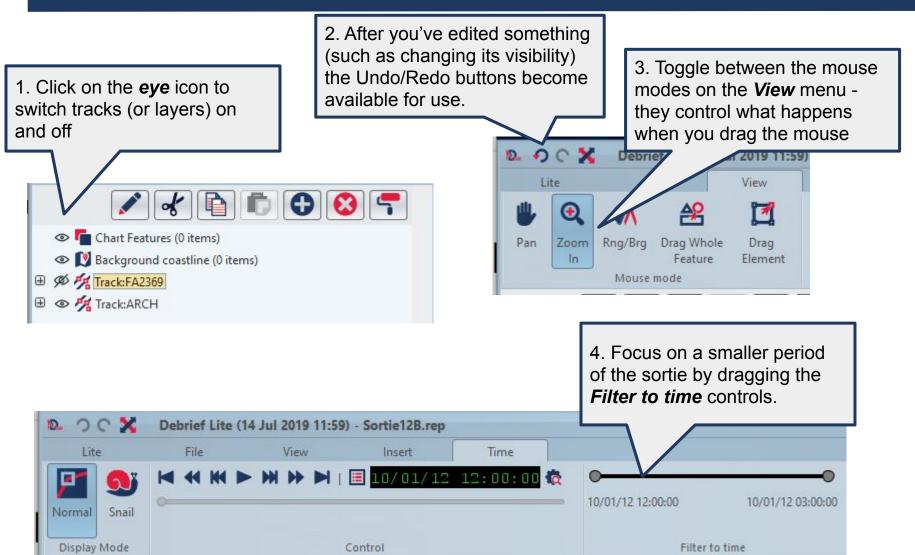


Loading data



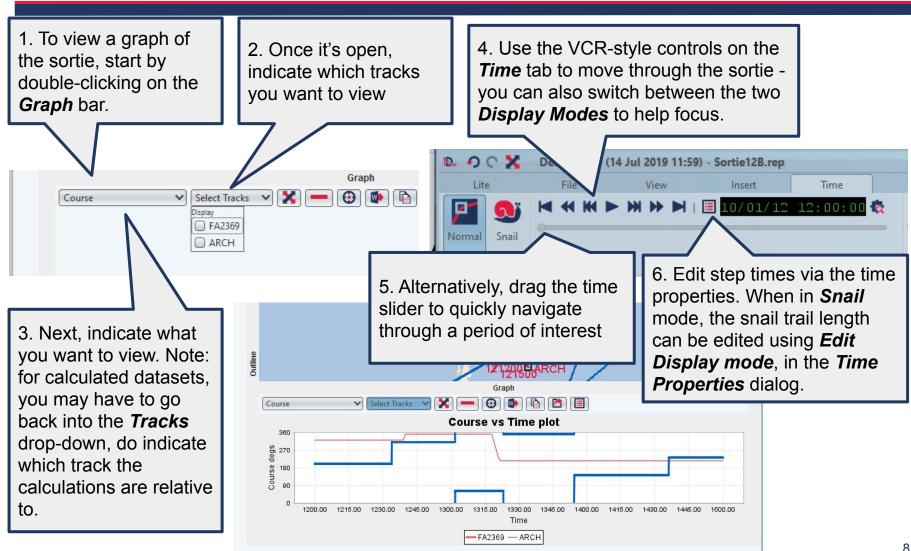


Focussing on data of interest



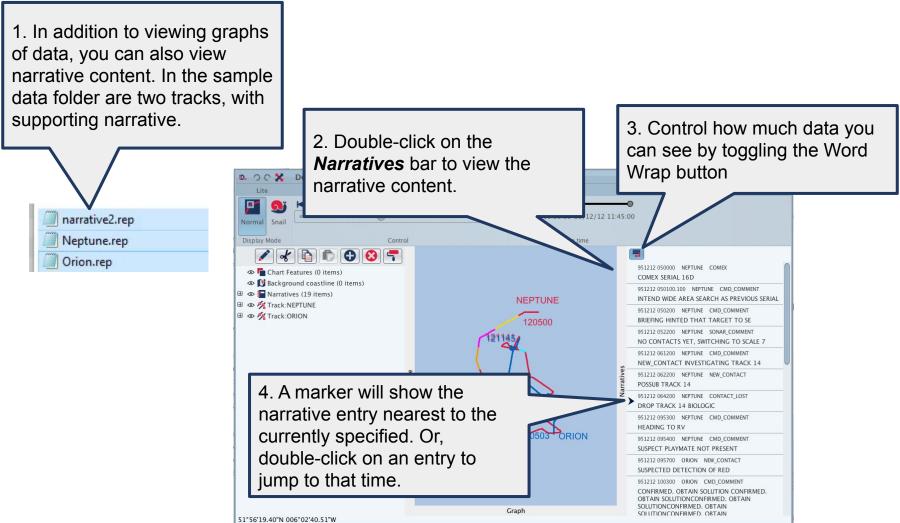


Analysing events - 1



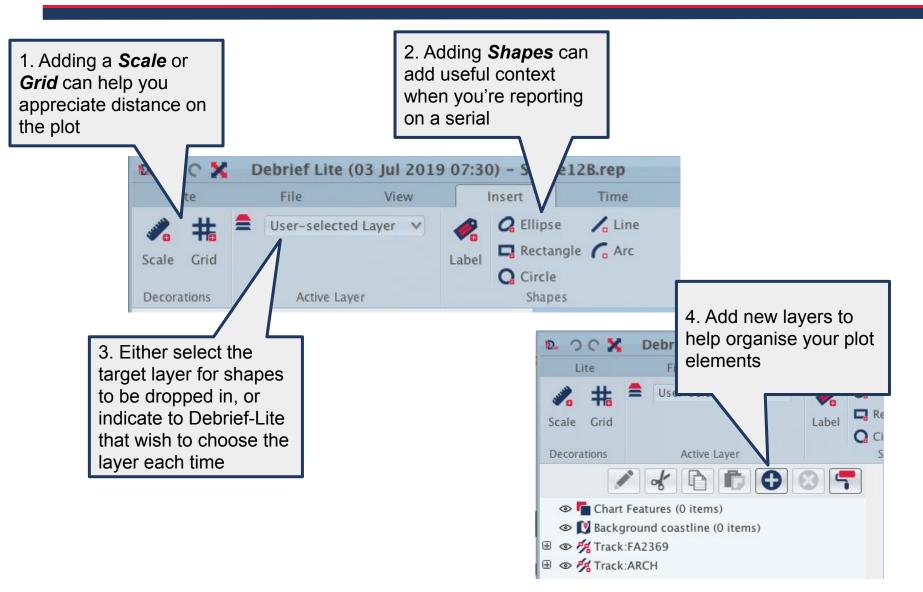


Analysing events - 2



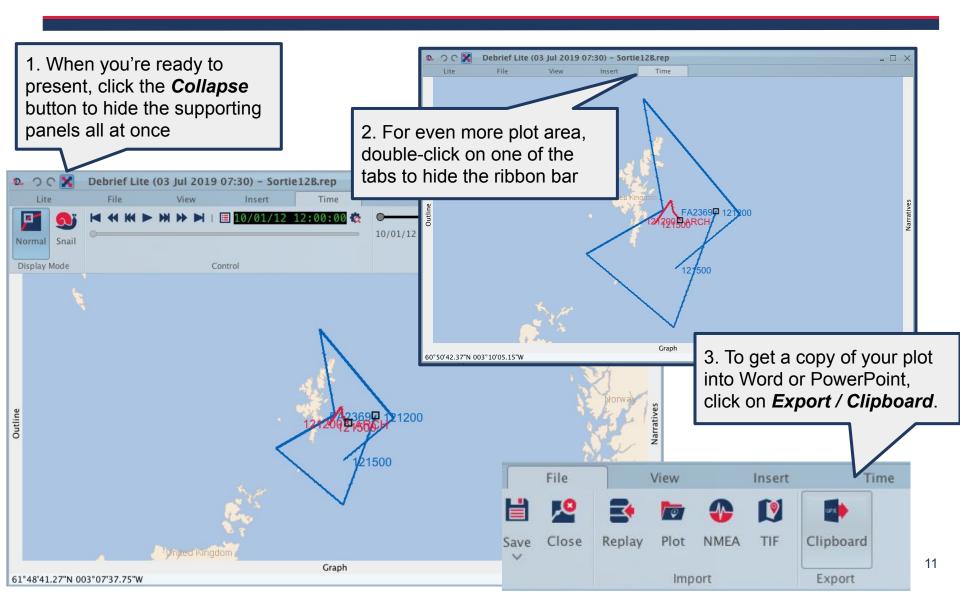


Adding details



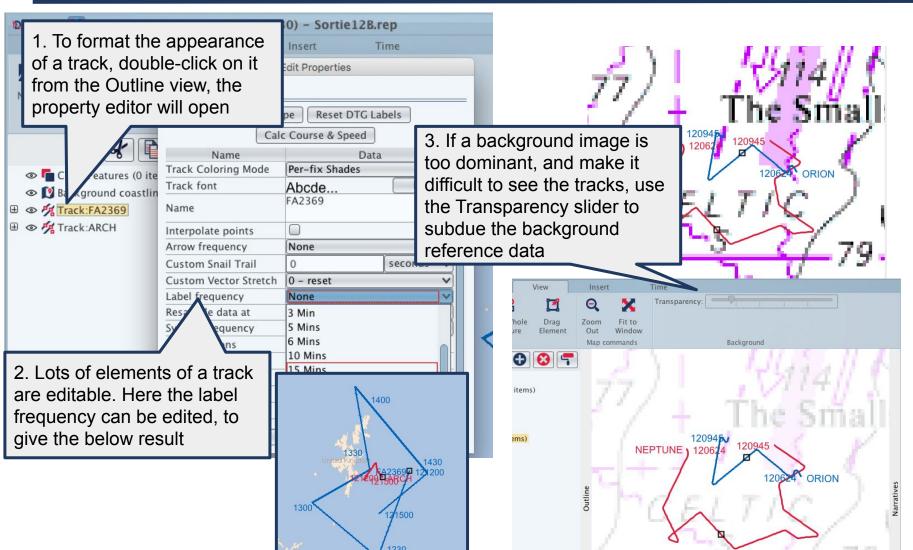


Exploiting data





Formatting for export





Tips

Performance

- 1. High volume tracks (either very frequent or covering a long period) can be slow in Debrief. If you analysis permits, you can resample a track from it's property editor.
- 2. Alternatively, filter the data to a shorter time period, to keep it manageable.
- 3. If a large track is making Snail trail performance poor, reduce the snail trail length

