



Date: \_\_\_\_\_

Local Zone Time: \_\_\_\_\_

Page: \_\_\_\_\_

## Plotting Conventions (Based on Bowditch 2017, Vol. 1, p. 331)

- The goal is to be as uncluttered/minimalist as possible, consistent with clarity.
- Indicate Date & Local Time Zone in upper right corner. All plot labelling assumes this time zone .
- Azimuth lines are dashed, with an arrow pointing to the direction of the celestial object.
- LOPs are solid.
- Make azimuth and LOP lines as long as you need to and no longer, consistent with clear labelling and making effective use of your protractor.
- Course lines are solid, and highlighted in yellow. Course is always true, never magnetic. Speed is in knots.
- LOPs are labelled with the time and object.
- DRs are indicated with dot and half circle. So no need to label as “DR”. Just indicate time.
- Fixes are indicated with dot and full circle. No need to label as “Fix”. Just indicate time.
- If you are using multiple *types* of fixes, then you may label: Fix for hand-bearing compass, RFix for radar, CFix for celestial.
- Advanced LOPs are labelled with the object's name, and the time of the original observation, plus the time used in advancing the LOP. E.g. Sun  
0730-1240

