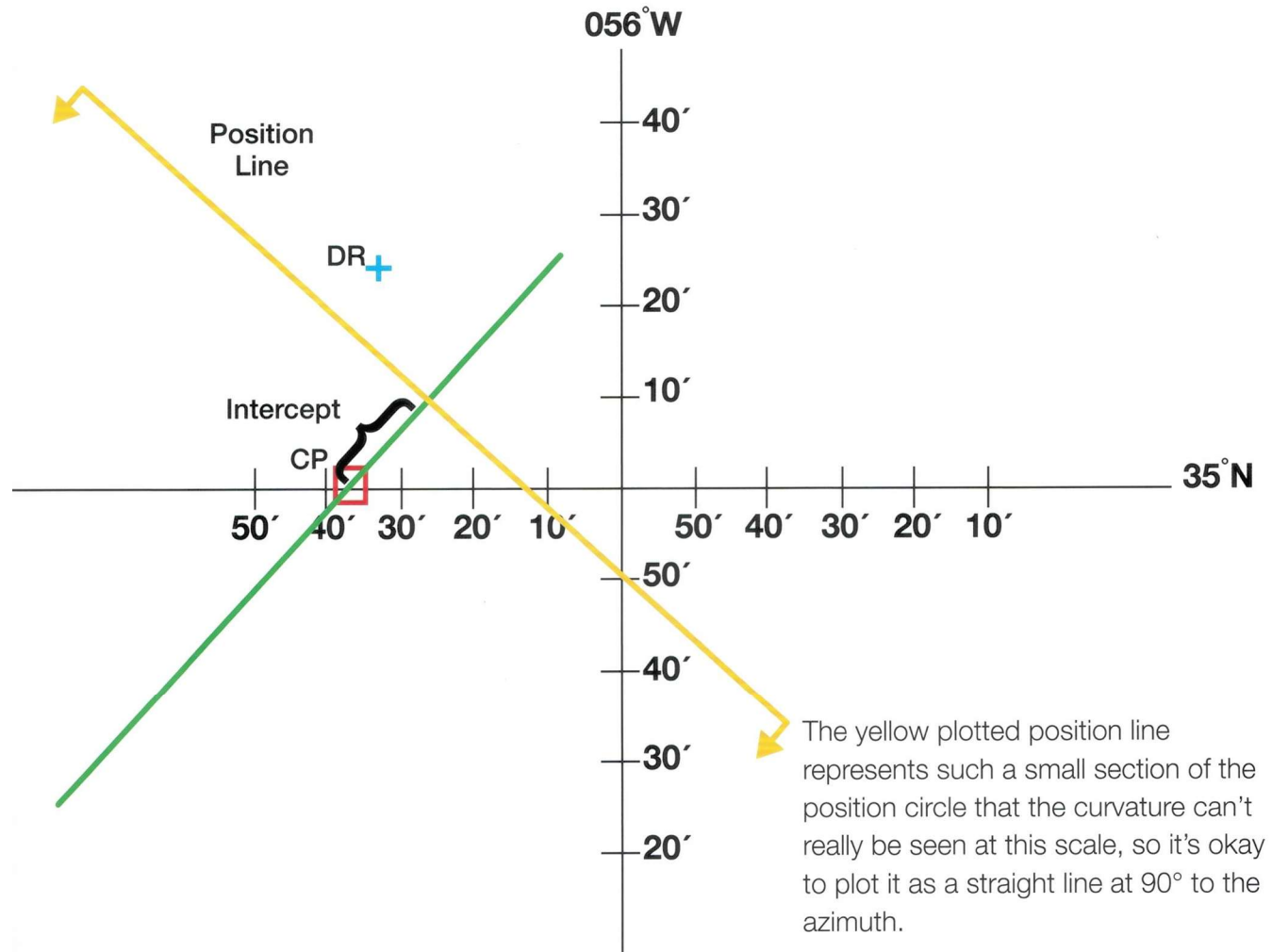


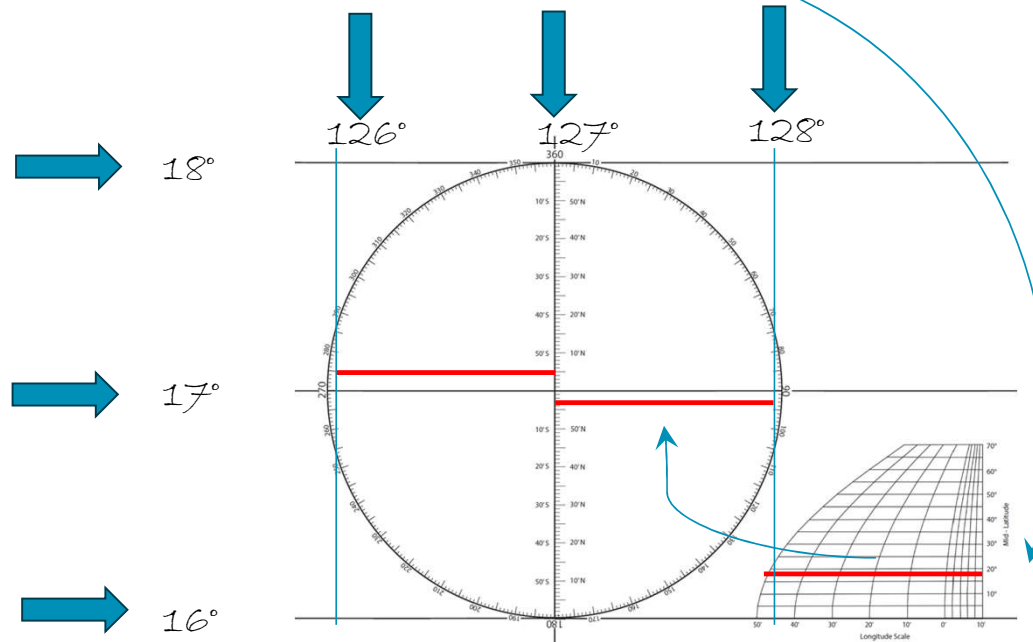
Universal Plotting Sheet
Position Circle ~ Position Line
Plotting of Sight Reduction Results

How to obtain a Position Line

Practical Sextant Navigation




Scale the Longitude to your Chosen Latitude



Scaling your Longitude
Chosen (Assumed) Latitude
Chosen (Assumed) Longitude

Mark the N/S and E/W degrees around your EP.

 Tip: choose your longitude degrees with your 1st EP and the Course to Steer in mind.

Note: apply standard chart work principles:
-- for positioning, use the Long and Lat scales
-- for distances, use the Latitude scale

Prepare the sheet

Universal Plotting Sheet

Plot your EP
Plot the AP
Plot the Sun's bearing (Sun line)
Plot the Position Line at the Intercept
Move the EP to the Position Line

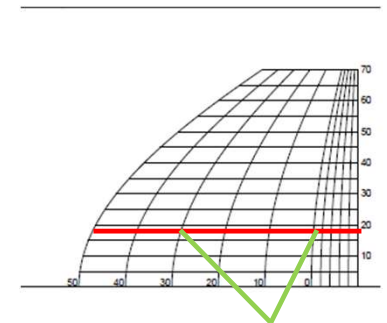
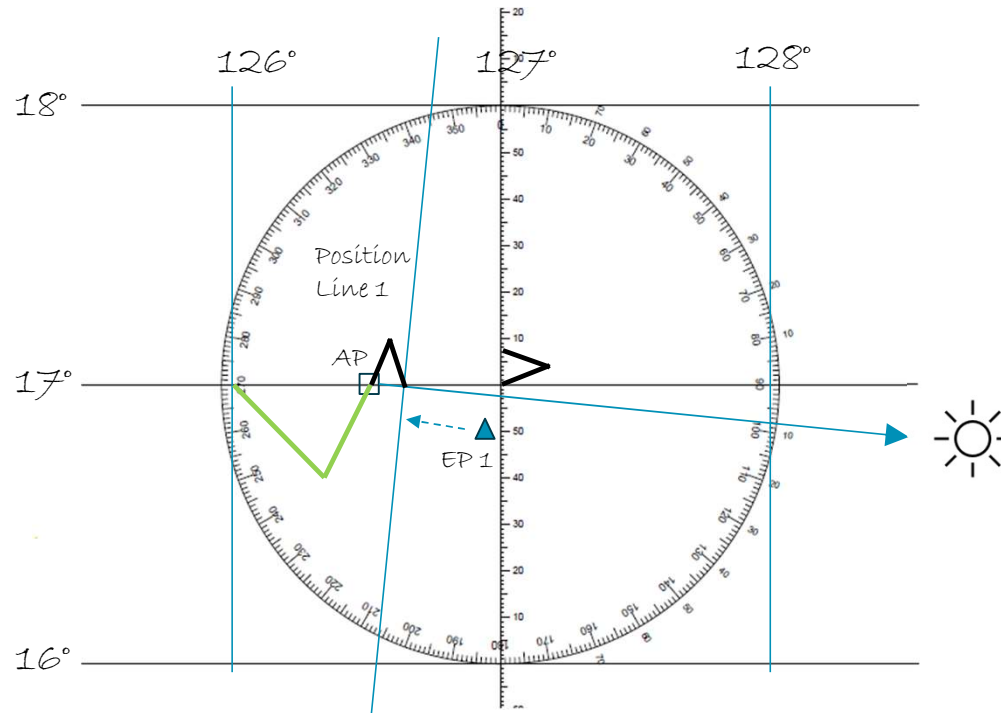
Plot the Results of the 1st Sight

Plotting the 1st Sight Reduction

EP $16^{\circ} 50' N$ $126^{\circ} 56' E$
AP $17^{\circ} N$ $126^{\circ} 30'.6 E$
 $Zn = 096^{\circ}$ Intercept $7.5'$ TO

Plot all your knows.

To finish the 1st Plot, move your EP to the Position Line, as you are definitely somewhere on that line.



EP $16^{\circ} 50' N$ $126^{\circ} 56' E$
 AP $17^{\circ} N$ $126^{\circ} 30'.6 E$
 Zn = 096° Intercept $7.5'$ TO

Plot all your knows.

To finish the 1st Plot, move your EP to the Position Line, as you are definitely somewhere on that line.

Plot your EP

Plot the AP

Plot the Sun's bearing (Sun line)

Plot the Position Line at the Intercept

Move the EP to the Position Line

Plot the Results of the 1st Sight

Plotting the 1st Sight Reduction

