



DIRECTIONS to M

Whereby the USE of the

GLOBULAR C

Is made Plain and Easy to the meaner



OR the more easy Use of the GLOBULAR CHARTS and other Purposes in Navigation, it will be proper for the Mariner to make on Velum, thick Parchment, or Pastboard (or to have made in Brals) two Protractors in the following Forms :

Figure 1. Draw AB , and erect CD perpendicular thereto ; on the Center C , with an Interval of about 3 Inches, describe the Semi-circle ADB : Divide each Quadrant, AD and DB , into 8 equal Parts, representing the Points of the Mariner's Compass, number them, as in the Figure, and divide each of those Points into Half-points and Quarter-points.

After the same manner may another Protractor be made, in which each Quadrant may be divided into 90 equal Parts or Degrees, as $EHGE$. *Fig. 2.*

Again, Divide each of the Radius's, Co , Cn , Fr , and Fs , into 50 equal Parts, and thro' the several Divisions draw Lines parallel to the said Radius's ; as the *Figures 1, 2*, direct.

The Use of these Protractors are,

1. To lay down any given Angle.

EXAMP L E.

From the given Point L , *Fig. 3*, in a Line IK given, to make an Angle of 70 Degrees.

Lay the Center of the Protractor to the given Point L , so that the Side of the Protractor EG , may coincide with the

4. Having the
and Dep

A Ship from
her Diff. of Lat
to find her Diff

Latitude came f
Diff. of Latitude

Latitude arrived

Sum of the Lat

Middle Latitude

in the Point (b)
of Longitude to

Universally
parture, Fb will

And here aga
dingly $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$, &

This Method
enough in all th

miles, and in L
tances, and in

Mariner to find
of meridional P

IT may be p
ing Figure