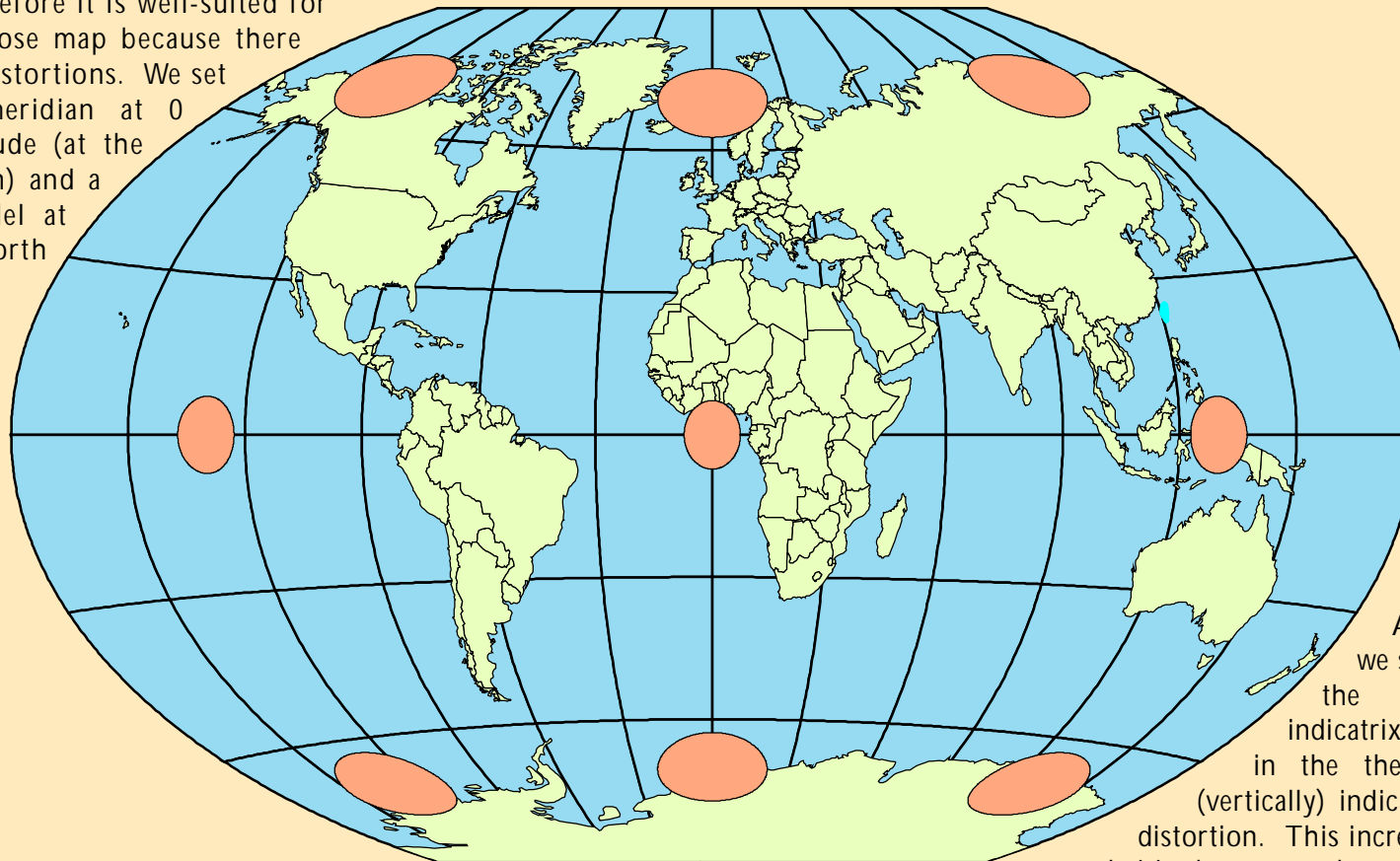


The World Map : Explore Your Planet

For this world map we chose the Winkel Tripel projection because it offers a balanced compromise between accuracy in shape, direction, and distance. Therefore it is well-suited for a general purpose map because there are no major distortions. We set the central meridian at 0 degrees longitude (at the Prime Meridian) and a standard parallel at 50 degrees North latitude.



1:175,000,000

If we examine the Tissot's indicatrix (the red circles), we get a sense of the distribution of distortion across the map. Along the equator we see little change in the area of the indicatrix, but an increase in the the semiminor axis (vertically) indicates some angular distortion. This increases in the higher latitudes, as does an exaggerated representation of area.