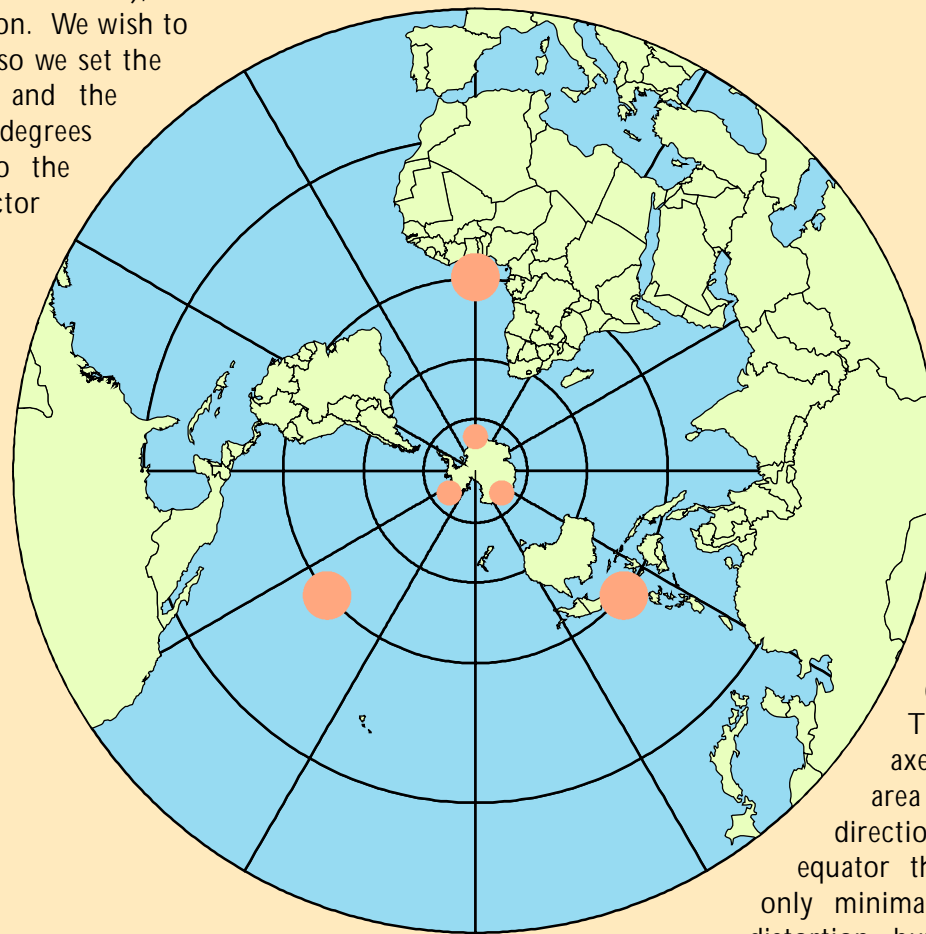


## Antarctica : Where Penguins Aimlessly March Toward An Icy Grave

To map the perennial death march routs of penguins (a.k.a the feathered ice swine), we use a stereographic projection. We wish to focus solely on Antarctica, so we set the central meridian at zero and the standard pallel at 90 degrees South of the equator (so the South Pole has a scale factor of 1.0).



1:500,000,000

Our Tissot's Indicatrix verifies that we have minimal distortion on the continent of Antarctica. The semimajor and semiminor axes have not increased, thus area as been preserved as well as direction. We can see that along the equator the indicatrix have increased only minimally in size, indicating areal distortion but still preserving direction. Simply fabulous.

Projection: Stereographic  
Map authored by Richard Donohue  
lab section 303