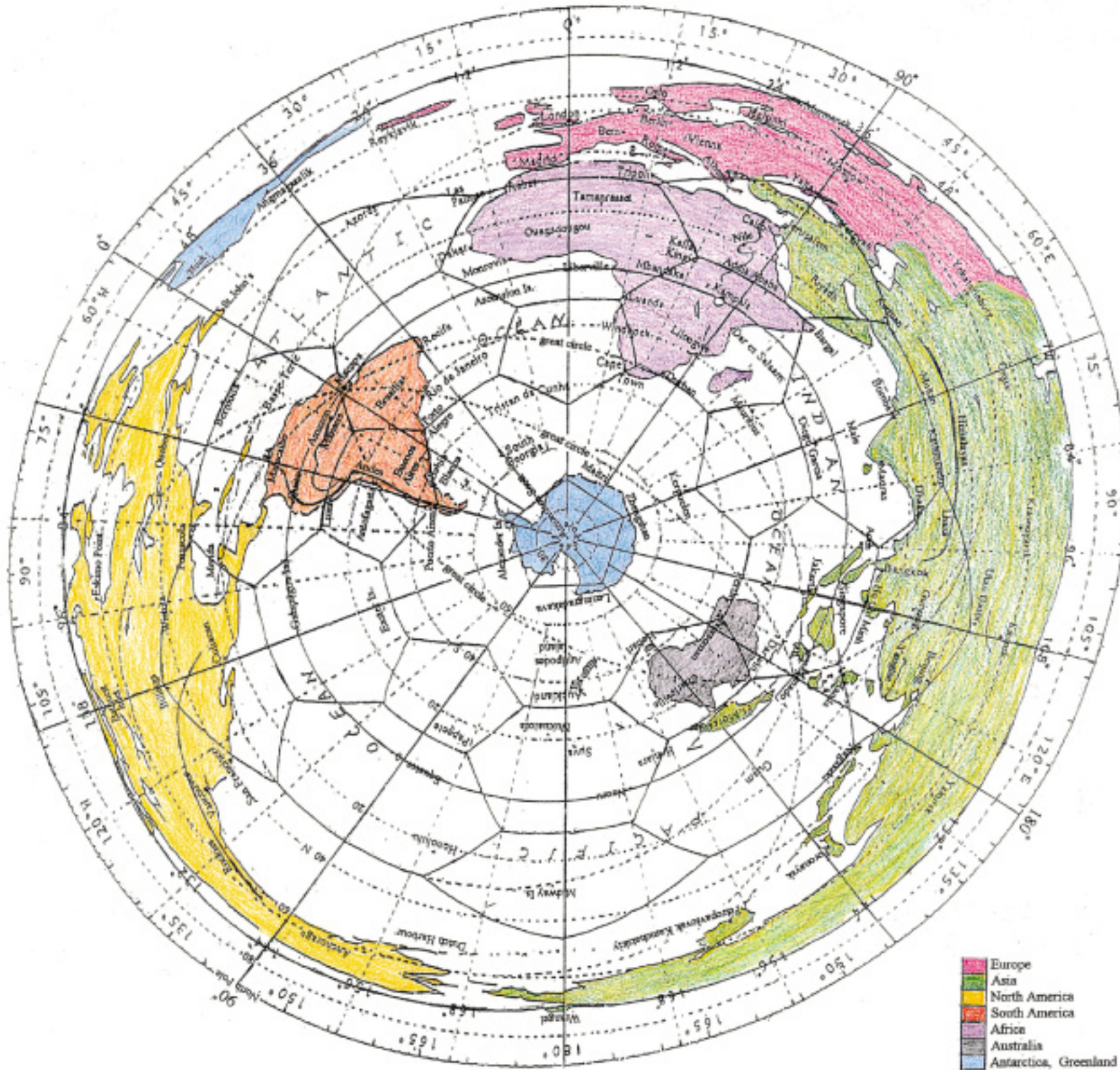
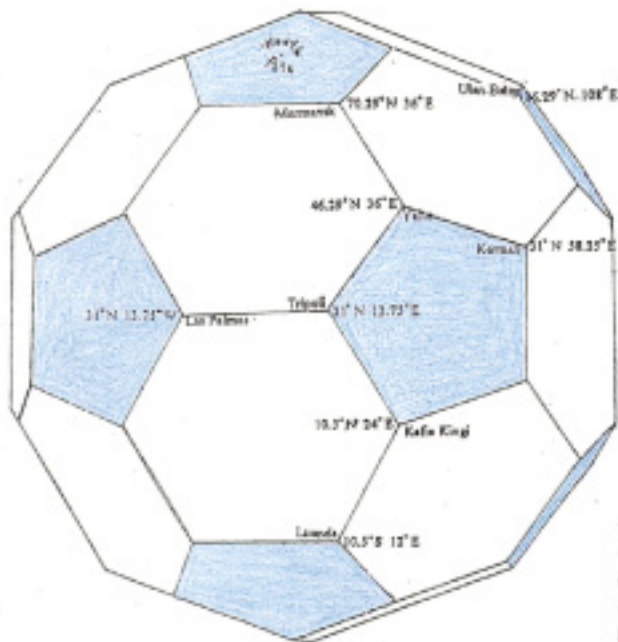


The rotary "hex-pen" grid superimposed onto the antipodes map



hexpenhedron



Europe is bordered by the Urals on the east and by the Caucasus and the boundaries of Turkey and Kazakhstan on the south.

The three longest mountain ranges and rivers are shown on the map. It is difficult to use the grid to estimate the distances of rivers as their courses meander.

Mountain ranges	Rivers
Andes.....7200 kms.	Nile.....6670 kms
Rockies.....6000 kms.	Amazon.....6450 kms.
Himalayas.....3800 kms.	Yangtze.....6380 kms.

If the hexpenhedron, shown beside, were inscribed within the football globe with its vertices touching the globe, then the places mentioned could be near the vicinity of the vertices, the coordinates of which are stated. The coordinates of the other vertices can be ascertained from the map of the hexpenhedron, or mapped out football. The close alignment of the hexpenhedron with the football, the "hex-pen" grid and the antipodes map is testimony to their perfect spherogeometric symmetry and geographic perspective which are all inextricably inter-related.