Great-Circle Paths from P29VXX in New Guinea

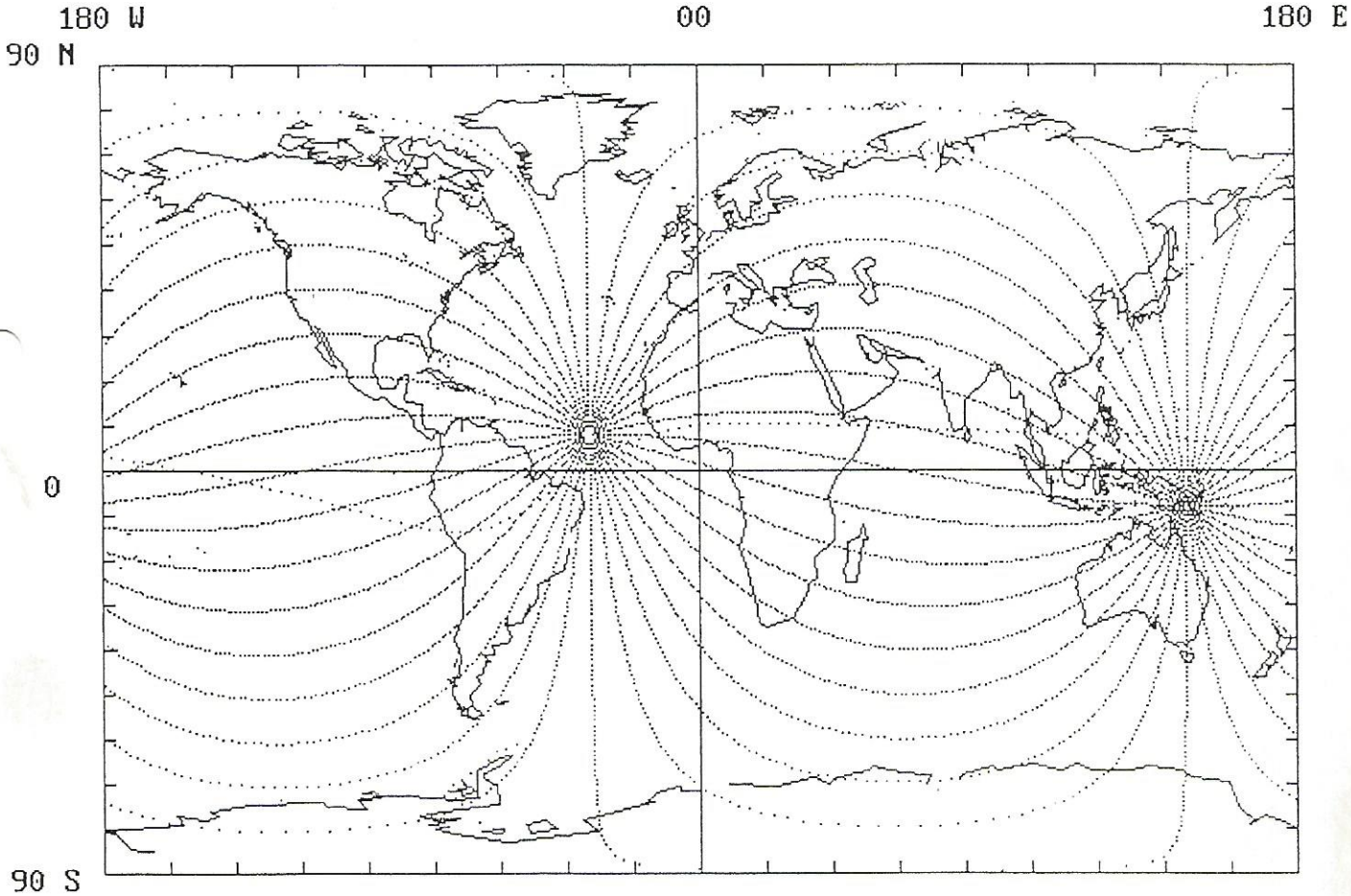

Figure 1 - Great-circle paths from P29VXX, in 10 degree intervals of heading.

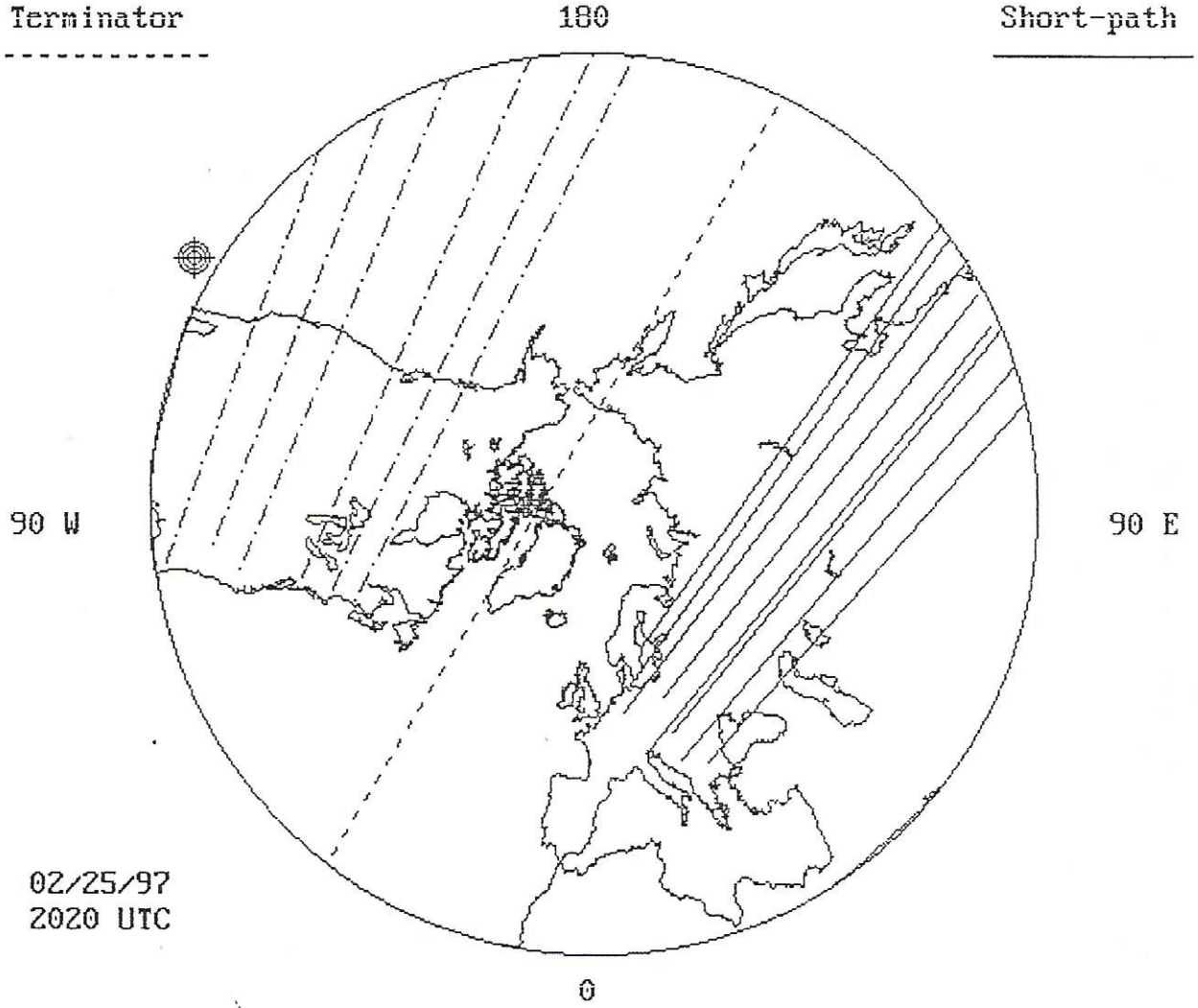

Figure 2 - A gnomonic projection of representative paths from P29VXX toward Western Europe. Only the portions of the paths poleward of 30 North latitude are shown.

Reflection Loss at 1.8 MHz

for Random Polarization

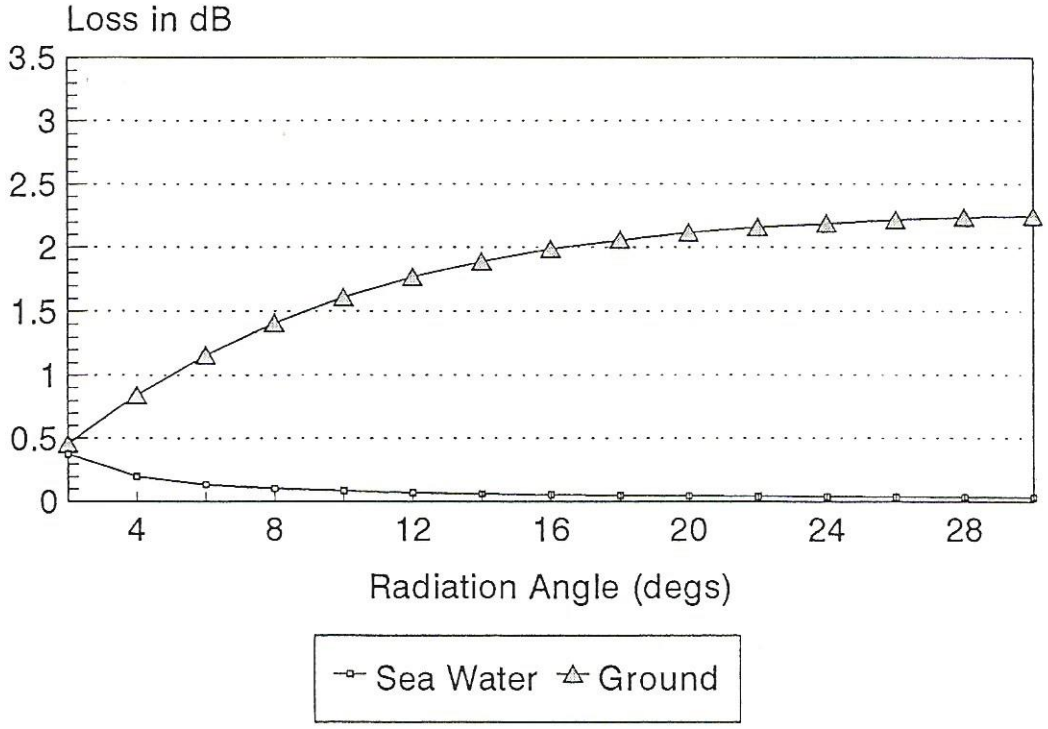

Figure 3 - Reflection loss in dB per hop for randomly polarized 1.8 MHz signals reflected off salt water and ground.

North American Paths

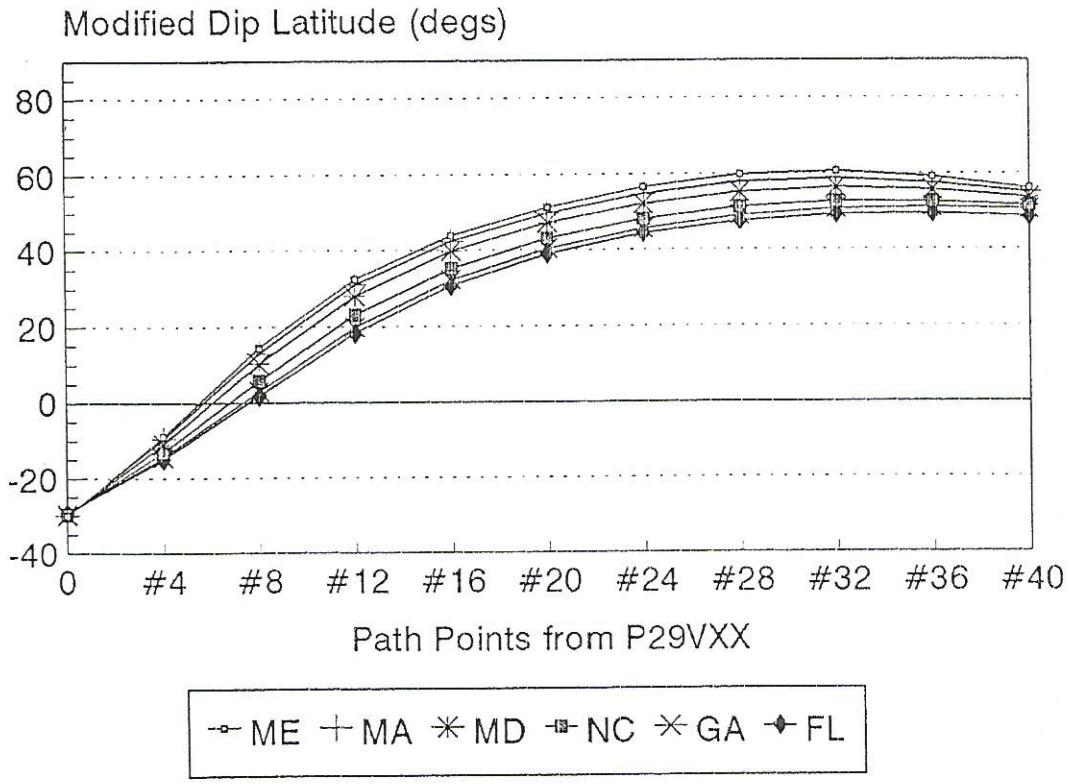

Figure 4 - Modified dip latitudes for paths from P29VXX to the USA.

European Paths

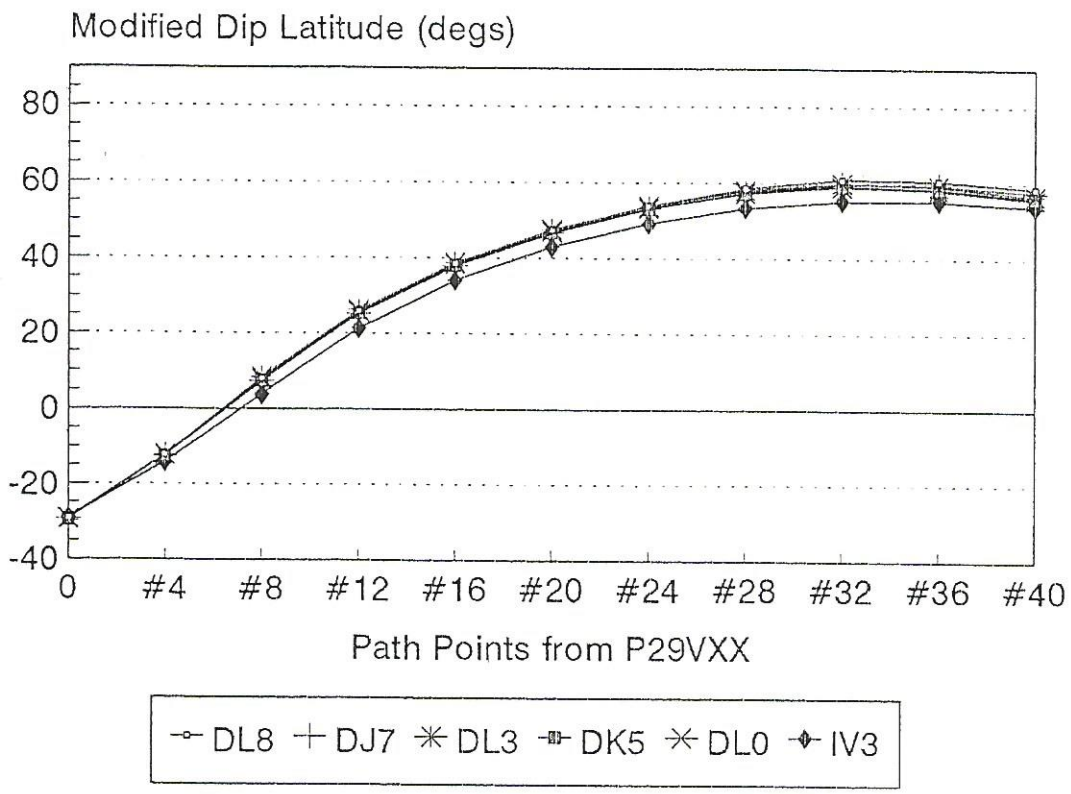

Figure 5 - Modified dip latitudes for paths from P29VXX to Europe.

North American Paths

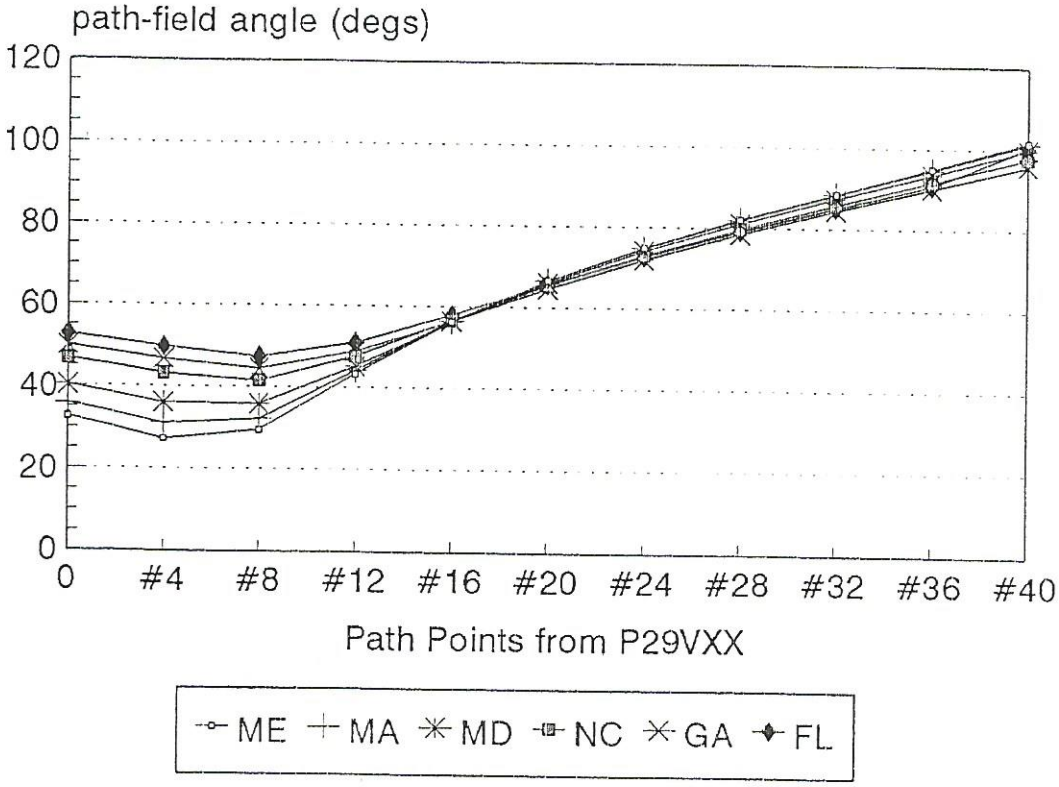

Figure 6 - Path-field angles for paths from P29VXX to the USA.

European Paths

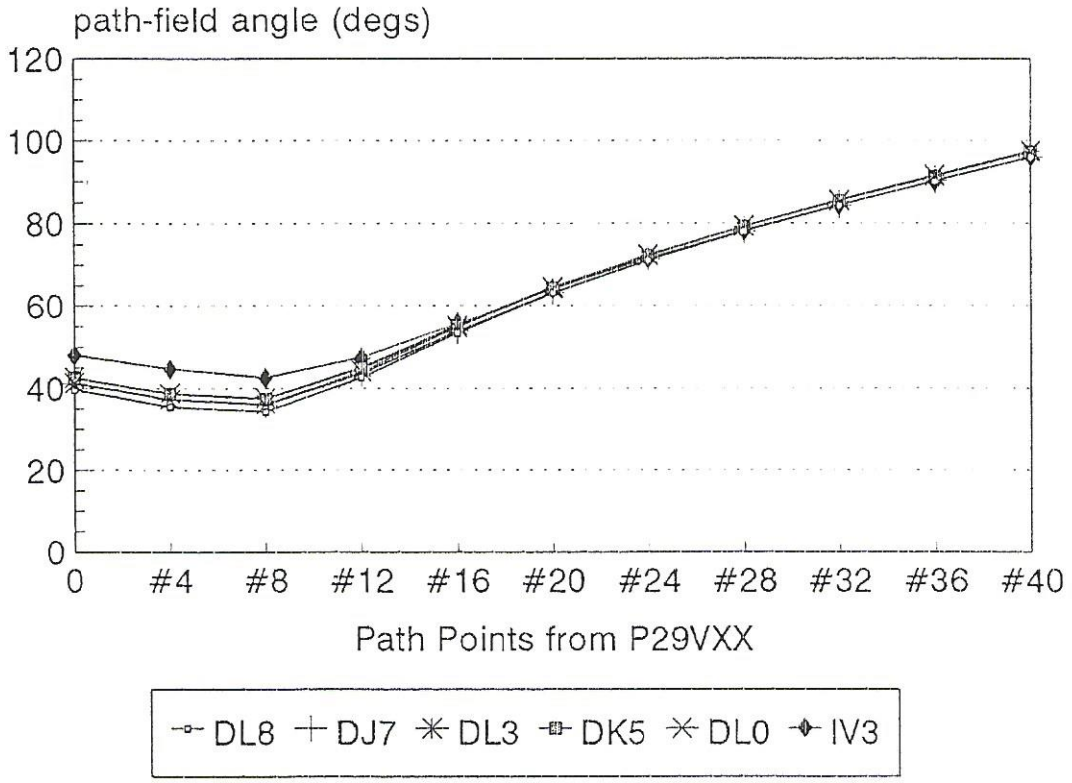

Figure 7 - Path-field angles for paths from P29VXx to Europe.

Reflection Loss at 3.5 MHz

for Random Polarization

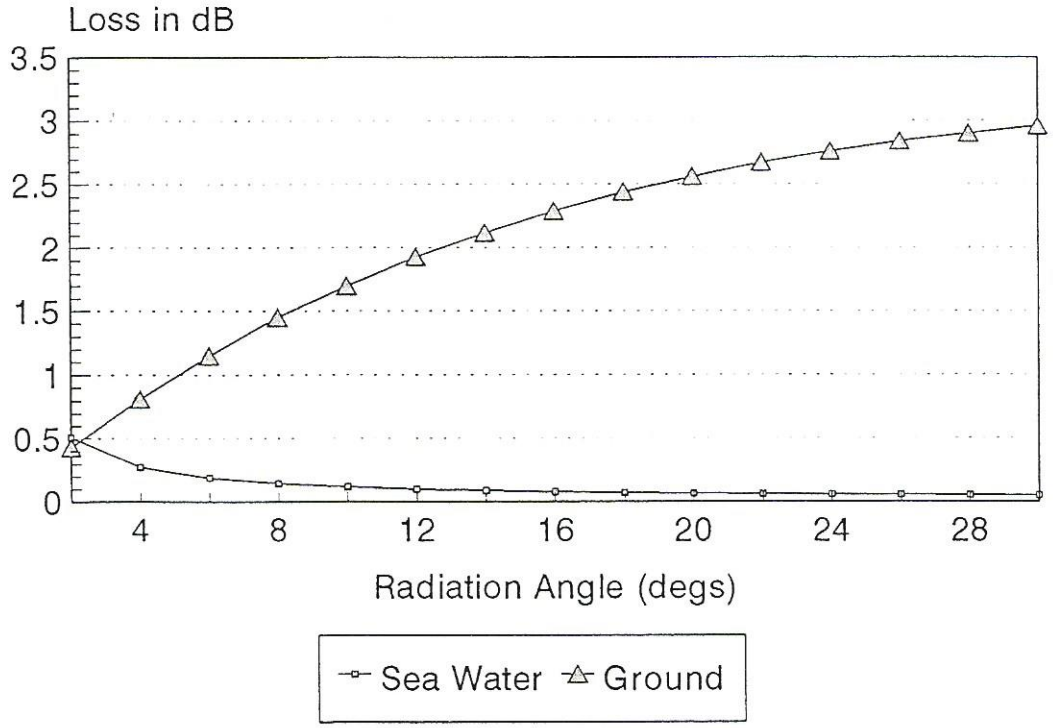

Figure 8 - Reflection loss in dB per hop for randomly polarized 3.5 MHz signals reflected off salt water and ground.

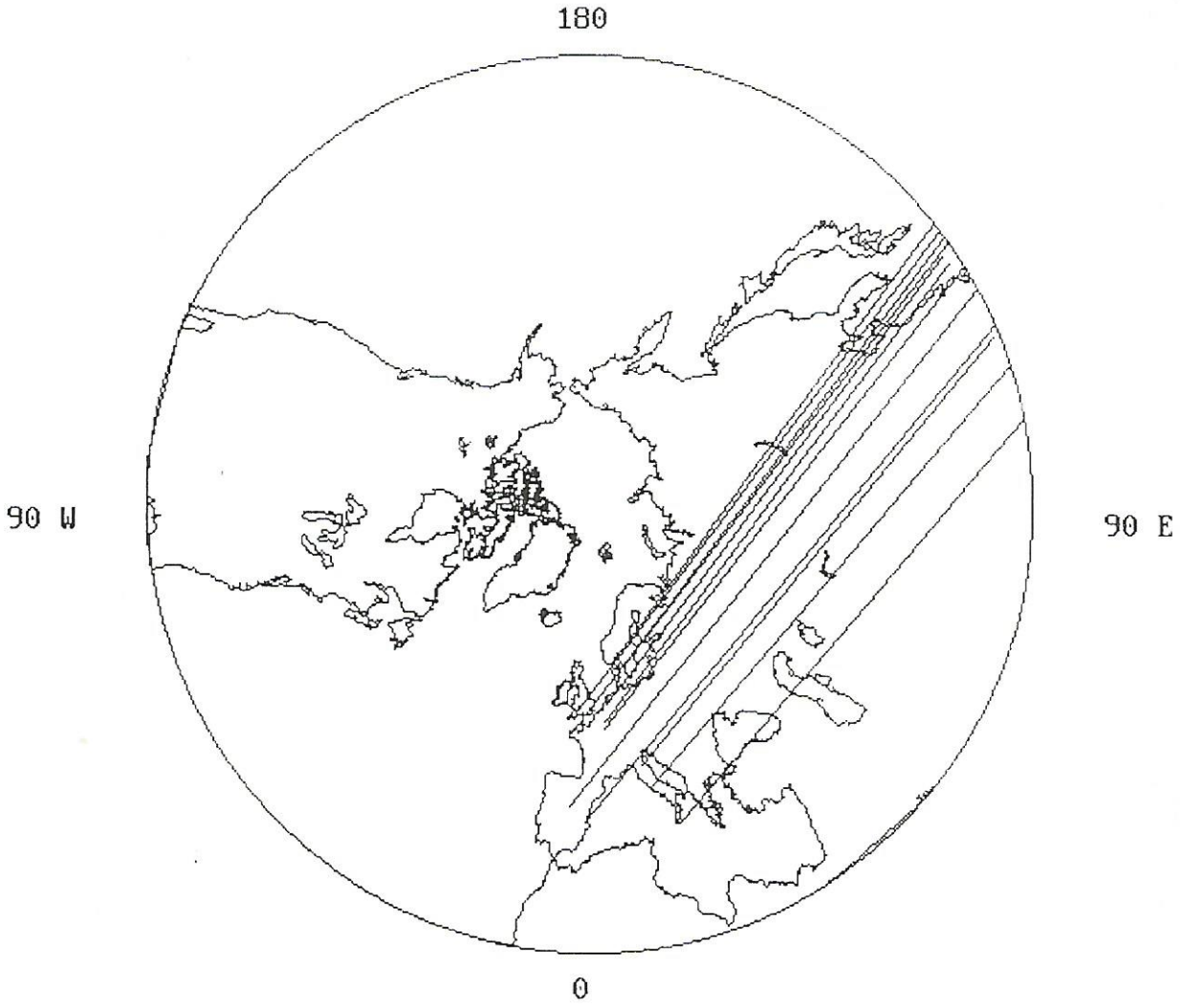

Figure 9 - A gnomonic projection showing longer paths from P29VXX than in Figure 2. These now include paths ending in England, Holland, Belgium, Italy, France and Spain. Again, only the portions of the paths poleward of 30 North latitude are shown.