



Fig. 457.40 Definition of Spherical Polyhedra in 31-Great-Circle Icosahedron System: The 31 great circles of the spherical icosahedron provide spherical edges for three other polyhedra in addition to the icosahedron itself, whose edges are shown as heavy lines. The shading indicates a typical face, as follows:

- A. The rhombic triacontahedron with 30 spherical rhombic faces, each consisting of four basic, least- common-denominator triangles.
- B. The octahedron with 15 basic, least-common-denominator spherical triangles.
- C. The pentagonal dodecahedron with ten basic, least-common-denominator spherical triangles.
- D. Skewed spherical vector equilibrium.