Shell unit 1

Shell unit 2

Shell units 3 - 12

STAGS 360-degree model

Fig. a1 STAGS 360-degree model of the **equivalent ellipsoidal** shell with a spherical cap (shell unit 1) and 11 toroidal segments (shell units 2 – 12). Each of the twelve axisymmetric STAGS shell units is shown in a different color. This model is analogous to the BIGBOSOR4 model displayed in Fig. 2. The elongated shape of the 410 finite elements nearest the pole causes early lack of convergence in nonlinear cases that involve elastic-plastic mat'l. STAGS results in Figs. 6 – 168 are based on this 360-degree model.