



Fig. 100 **+Mode 3** axisymmetric linear buckling modal imperfection shape from BIGBOSOR4 for the 4-mode-optimized design of the **unstiffened, imperfect** equivalent ellipsoidal shell listed in Table 65. The optimum design was obtained with the use of plus and minus **mode 1, mode 2, mode 3, and mode 4** axisymmetric imperfection shapes with amplitude, $W_{\text{imp}} = 0.2 \text{ inch}$. Compare with Fig. 56, which shows the +mode 3 axisymmetric buckling mode for the “4-mode” optimized isogrid-stiffened shell.