

Table 53 Abridged **STAGS output** file, *.out2, for the **isogrid-stiffened** equivalent ellipsoidal shell optimized with the use of four axisymmetric buckling modal imperfections, **modes 1, 2, 3, and 4**. These results were obtained with an "eigenvalue shift", **SHIFT = 3.305**. The comments about buckling mode shapes were added to the STAGS *.out2 file by the writer.

STAGS linear buckling run no. 1

CONVERGENCE HAS BEEN OBTAINED FOR EIGENVALUES 1 THROUGH 8			
CRITICAL LOAD FACTOR COMBINATION			
NO.	EIGENVALUE	LOAD SYSTEM A	LOAD SYSTEM B @DOF (writer's comments)
1	3.298518E+00	3.298518E+00	0.000000E+00 3 <-axisymmetric (mode 1)
2	3.617347E+00	3.617347E+00	0.000000E+00 10347 <--n=1 circ. wave
3	3.617347E+00	3.617347E+00	0.000000E+00 10209 <--n=1 circ. wave
4	3.744478E+00	3.744478E+00	0.000000E+00 9285 <--n=2 circ. wave
5	3.744479E+00	3.744479E+00	0.000000E+00 9759 <--n=2 circ. wave
6	3.887417E+00	3.887417E+00	0.000000E+00 4185 <--n=1 circ. wave
7	3.887431E+00	3.887431E+00	0.000000E+00 4317 <--n=1 circ. wave
8	4.129205E+00	4.129205E+00	0.000000E+00 4401 <-axisymmetric (mode 2)