

Table 54 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 = 4.25**. The comments about buckling mode shapes were added to the STAGS *.out2 file by the writer.

STAGS linear buckling run no. 2

MAXIMUM NUMBER OF ITERATIONS

CONVERGENCE HAS BEEN OBTAINED FOR EIGENVALUES 1 THROUGH 7

CONVERGENCE CRITERION HAS NOT BEEN SATISFIED FOR EIGENVALUE 8

CRITICAL LOAD FACTOR COMBINATION

NO.	EIGENVALUE	LOAD SYSTEM A	LOAD SYSTEM B	@DOF	(writer's comments)
6	3.887406E+00	3.887406E+00	0.000000E+00	4407	--n=1 circ. wave
7	3.887417E+00	3.887417E+00	0.000000E+00	4269	--n=1 circ. wave
8	4.129205E+00	4.129205E+00	0.000000E+00	4245	--axisymmetric (mode 2)
9	4.243497E+00	4.243497E+00	0.000000E+00	3	--axisymmetric (mode 3)
10	4.534433E+00	4.534433E+00	0.000000E+00	20277	--n=2 circ. waves
11	4.534433E+00	4.534433E+00	0.000000E+00	20343	--n=2 circ. waves
12	4.563446E+00	4.563446E+00	0.000000E+00	10437	--n=3 circ. waves
13	4.563451E+00	4.563451E+00	0.000000E+00	10839	--n=3 circ. waves