Table 64 Optimized **imperfect unstiffened** equivalent elliposidal shell.
Design margins from Load Set 3 (+mode 3 and +mode 4 imperfection
shapes) and from Load Set 4 (-mode 3 and -mode 4 imperfection
shapes) corresponding to the design optimized with the use of only mode 1
and mode 2 imperfection shapes. Only the significantly negative margins
are included in the lists of margins. Critical margins are in **boldface.**

A typical margin with the meanings of the indices, a, b, c, d, e,
explained:

```
                    a                                  b
6 -4.265E-01  (SKNST2A(3,1)/SKNST2(3,1))/SKNST2F(3,1)-1; F.S.= 1.00
                   c  d e       c d e        c  d e
```

"SKNST" means "local skin stress"
a = "A" means "Allowable value"
b = "F" means "Factor of safety"
c = Imperfection mode number, [1 = odd (mode 3); 2 = even (mode 4)]
d = Load set number (3 or 4 in the cases explored here)
Load set 3 means "use +mode 3 and +mode 4 imperfection shapes"
Load set 4 means "use -mode 3 and -mode 4 imperfection shapes"
e = Region number:
(1 or 2 Region 1 is from the axis of revolution to xlimit,
that is, 0 < x < xlimit.
Region 2 is from xlimit to the equator,
that is, xlimit < x < semi-major axis.)

*** RESULTS FOR LOAD SET NO. 3 (+mode 3 and +mode 4 imperfections) ***
THOSE MARGINS LESS THAN UNITY CORRESPONDING TO CURRENT DESIGN

MARGIN NO.	CURRENT VALUE	DEFINITION
1	**-4.310E-01**	**(CLAPS1(3)/CLAPS1A(3)) / CLAPS1F(3)-1; F.S.= 1.00**
2	**-4.417E-01**	**(GENBK1(3)/GENBK1A(3)) / GENBK1F(3)-1; F.S.= 1.00**
3	**-1.394E-01**	**(CLAPS2(3)/CLAPS2A(3)) / CLAPS2F(3)-1; F.S.= 1.00**
4	**-1.188E-01**	**(GENBK2(3)/GENBK2A(3)) / GENBK2F(3)-1; F.S.= 1.00**
6	**-4.265E-01**	**(SKNST2A(3,1)/SKNST2(3,1))/SKNST2F(3,1)-1; F.S.= 1.00**
7	**-4.028E-01**	**(SKNST2A(3,2)/SKNST2(3,2))/SKNST2F(3,2)-1; F.S.= 1.00**
8	**-3.331E-01**	**(STFST2A(3,1)/STFST2(3,1))/STFST2F(3,1)-1; F.S.= 1.00**
9	**-2.651E-01**	**(STFST2A(3,2)/STFST2(3,2))/STFST2F(3,2)-1; F.S.= 1.00**
10	**-4.884E-01**	**(WAPEX2A(3)/WAPEX2(3)) / WAPEX2F(3)-1; F.S.= 1.00**

*** RESULTS FOR LOAD SET NO. 4 (-mode 3 and -mode 4 imperfections) ***
THOSE MARGINS LESS THAN UNITY CORRESPONDING TO CURRENT DESIGN

MARGIN NO.	CURRENT VALUE	DEFINITION
1	**-4.634E-01**	**(CLAPS1(4)/CLAPS1A(4)) / CLAPS1F(4)-1; F.S.= 1.00**
2	**-4.990E-01**	**(GENBK1(4)/GENBK1A(4)) / GENBK1F(4)-1; F.S.= 1.00**
3	**-2.556E-01**	**(CLAPS2(4)/CLAPS2A(4)) / CLAPS2F(4)-1; F.S.= 1.00**
4	**-1.281E-01**	**(GENBK2(4)/GENBK2A(4)) / GENBK2F(4)-1; F.S.= 1.00**