Table 38 Input data, *.**CHG**, for "**CHANGE**" for the **isogrid-stiffened** equivalent ellipsoidal shell. In the directory, /home/progs/genopt/case/torisph, the input file name is "eqellipse.stiffened.CHG". Copy this file to /home/progs/genoptcase and change the case name from "eqellipse.stiffened" to "eqellipse" before processing. **(/home/progs = the directory where the GENOPT system is stored on the writer's computer).** The writer routinely uses "CHANGE" as a device by means of which to preserve an optimum design that has previously been obtained. Then the data base, margins, etc. for that optimum design can easily be re-computed by executing BEGIN followed immediately by an execution of CHANGE with use of a file such as that listed here for input to CHANGE (tedious interactive mode of input not necessary).

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========================================================================
      n        $ Do you want a tutorial session and tutorial output?
      y        $ Do you want to change any values in Parameter Set No.1?
        1      $ Number of parameter to change (1, 2, 3, . .)      THKSKN( 1)
  0.1245300    $ New value of the parameter
      y        $ Want to change any other parameters in this set?
        2      $ Number of parameter to change (1, 2, 3, . .)      THKSKN( 2)
  0.1664100    $ New value of the parameter
      y        $ Want to change any other parameters in this set?
        3      $ Number of parameter to change (1, 2, 3, . .)      THKSKN( 3)
  0.1446000    $ New value of the parameter
      y        $ Want to change any other parameters in this set?
        4      $ Number of parameter to change (1, 2, 3, . .)      THKSKN( 4)
  0.1608200    $ New value of the parameter
      y        $ Want to change any other parameters in this set?
        5      $ Number of parameter to change (1, 2, 3, . .)      THKSKN( 5)
  0.1041200    $ New value of the parameter
      y        $ Want to change any other parameters in this set?
        6      $ Number of parameter to change (1, 2, 3, . .)      THKSKN( 6)
  0.1000000    $ New value of the parameter
      y        $ Want to change any other parameters in this set?
        7      $ Number of parameter to change (1, 2, 3, . .)      THKSKN( 7)
  0.1016200    $ New value of the parameter
      y        $ Want to change any other parameters in this set?
        8      $ Number of parameter to change (1, 2, 3, . .)      THKSKN( 8)
  0.1379500    $ New value of the parameter
      y        $ Want to change any other parameters in this set?
        9      $ Number of parameter to change (1, 2, 3, . .)      THKSKN( 9)
  0.1020100    $ New value of the parameter
      y        $ Want to change any other parameters in this set?
       10      $ Number of parameter to change (1, 2, 3, . .)      THKSKN(10)
  0.1041100    $ New value of the parameter
      y        $ Want to change any other parameters in this set?
       11      $ Number of parameter to change (1, 2, 3, . .)      THKSKN(11)
  0.1986900    $ New value of the parameter
      y        $ Want to change any other parameters in this set?
       12      $ Number of parameter to change (1, 2, 3, . .)      THKSKN(12)
  0.1000000    $ New value of the parameter
      y        $ Want to change any other parameters in this set?
       13      $ Number of parameter to change (1, 2, 3, . .)      THKSKN(13)
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 0.1977900   $ New value of the parameter
     y        $ Want to change any other parameters in this set?
        14    $ Number of parameter to change (1, 2, 3, . .)      HIGHST( 1)
 0.6676600   $ New value of the parameter
     y        $ Want to change any other parameters in this set?
        15    $ Number of parameter to change (1, 2, 3, . .)      HIGHST( 2)
 0.6078300   $ New value of the parameter
     y        $ Want to change any other parameters in this set?
        16    $ Number of parameter to change (1, 2, 3, . .)      HIGHST( 3)
 0.9792800   $ New value of the parameter
     y        $ Want to change any other parameters in this set?
        17    $ Number of parameter to change (1, 2, 3, . .)      HIGHST( 4)
 1.256200    $ New value of the parameter
     y        $ Want to change any other parameters in this set?
        18    $ Number of parameter to change (1, 2, 3, . .)      HIGHST( 5)
 1.154000    $ New value of the parameter
     y        $ Want to change any other parameters in this set?
        19    $ Number of parameter to change (1, 2, 3, . .)      HIGHST( 6)
 0.8042200   $ New value of the parameter
     y        $ Want to change any other parameters in this set?
        20    $ Number of parameter to change (1, 2, 3, . .)      HIGHST( 7)
 1.2686000   $ New value of the parameter
     y        $ Want to change any other parameters in this set?
        21    $ Number of parameter to change (1, 2, 3, . .)      HIGHST( 8)
 0.8833900   $ New value of the parameter
     y        $ Want to change any other parameters in this set?
        22    $ Number of parameter to change (1, 2, 3, . .)      HIGHST( 9)
 0.7056000   $ New value of the parameter
     y        $ Want to change any other parameters in this set?
        23    $ Number of parameter to change (1, 2, 3, . .)      HIGHST(10)
 0.5844500   $ New value of the parameter
     y        $ Want to change any other parameters in this set?
        24    $ Number of parameter to change (1, 2, 3, . .)      HIGHST(11)
 0.5158100   $ New value of the parameter
     y        $ Want to change any other parameters in this set?
        25    $ Number of parameter to change (1, 2, 3, . .)      HIGHST(12)
 0.3441700   $ New value of the parameter
     y        $ Want to change any other parameters in this set?
        26    $ Number of parameter to change (1, 2, 3, . .)      HIGHST(13)
 0.4666000   $ New value of the parameter
     y        $ Want to change any other parameters in this set?
        27    $ Number of parameter to change (1, 2, 3, . .)      SPACNG
 2.915400    $ New value of the parameter
     y        $ Want to change any other parameters in this set?
        28    $ Number of parameter to change (1, 2, 3, . .)      THSTIF
 0.0905310   $ New value of the parameter
     n        $ Want to change any other parameters in this set?
     n        $ Do you want to change values of any "fixed" parameters?
     n        $ Do you want to change any loads?
     n        $ Do you want to change values of allowables?
     n        $ Do you want to change any factors of safety?
============================================================================
```