FORM TO SPECIFY INPUT DATA FOR
OCEAN-BOTTOM MODEL GLORENZ

An east-west Lorentzian-shaped ridge.

$$g(r,\theta,\phi) = h - z \ ,$$

where $h = r - r_e$,

$$z = z_o/(1 + ((\theta-\theta_o)/\Delta\theta)^2) + z_B$$

$$\theta_o = \pi/2 - \lambda_o \ ,$$

and r_e is the radius of the Earth.

Specify --

the model check number for GLORENZ = 4.0 (W300)
the data input format code number = _____ (W301)
the data set identification number = _____ (W302)
an 80-character description of the model including parameters:

_____

the height of the ridge, z_o = _____ km, m (W303)
the latitude of the ridge center, λ_o = _____ rad, deg, km (W304)
the half-width of the ridge, $\Delta\theta$ = _____ rad, deg, km (W305)
the height above sea level of the
base of the ridge (negative if below sea level) z_B = _____ m,km (W306)

OTHER MODELS REQUIRED: Any bottom perturbation model. Use NPBOTM if no perturbation is desired.