```
ans =

06-Aug-2015 21:50:26


ifo =

                  Bar: [1x1 struct]
               Optics: [1x1 struct]
       Infrastructure: [1x1 struct]
            Constants: [1x1 struct]
                  TCS: [1x1 struct]
              Seismic: [1x1 struct]
          Atmospheric: [1x1 struct]
           Suspension: [1x1 struct]
            Materials: [1x1 struct]
                Laser: [1x1 struct]
             Squeezer: [1x1 struct]
         OutputFilter: [1x1 struct]

Torsion Suspension (suspTorsion.m)

rwire =

    2.0000e-04


 - torsion suspension wire material: Silica
 - torsion suspension wire loss angle: 1e-10
 - torsion suspension wire temperature: 293 K
 - torsion wire diameter (single wire, multiplied safety factor 1.5x): 400 um
 - torsion suspension wire length: 0.6 m
 - torsion spring constant (2 wire): 0.027166 Nm/rad
 - torsion bar inertia: 0.6392kg*m^2
 - torsion resonance: 0.03281 Hz
You are not injecting squeezing..loozer!
 - Seismic Isolator: ANUP
 - Seismic Ground Motion: LLO
 - Seismic Isolator: ANUP
 - Seismic Ground Motion: LLO
Laser Power:              0.200 Watt
SRM Detuning:              0.00 degree
SRM transmission:         1.0000
ITM transmission:         0.0213
PRM transmission:         1.0000
Finesse:               294.71
Power Recycling Factor:   1.00
Arm power:                0.02 kW
Power on beam splitter:   0.20 W
Thermal load on ITM:      0.000 W
Thermal load on BS:       0.000 W
Reqired TCS efficiency:   1.000(estimate, see IFOModel.m for definition)
BNS Inspiral Range:       0.000 Mpc
BBH Inspiral Range:       0.002 Mpc
Stochastic Omega: 3e+01 Universes

New Nebulous Range:       1.426 Mpc

TORPEDO Configuration (nomm_anu_pType1.m)
 - Reference Cavity Length: 6.2 m
 - Arm Lengths: 0.368 m
```

- Bar length and diameter: 0.6 m x 0.06 m.
- Bar material: Aluminium
- Bar material loss angle: 1.13e+06
- Bar temperature: 293 K
- Bar mass: 13.128 kg
- Bar Inertia: 0.6392 kg*m^2