10-Nov-2014 23:37:53

```
Torsion Suspension (suspTorsion.m)
 - torsion wire diameter (Silica, single wire): 1614.4104 um
 - torsion suspension wire length: 0.6 m

    torsion spring constant (2 wire): 0.028786 Nm/rad
    torsion bar inertia: 0.62492kg*m^2

- torsion resonance: 0.034158 Hz
You are not injecting squeezing..loozer!
- Seismic Isolator: MinusK
 - Seismic Ground Motion: LLO
 Seismic Isolator: MinusKSeismic Ground Motion: LLO
Laser Power:
                               0.010 Watt
                                0.00 degree
SRM Detuning:
SRM transmission:
                                1.0000
ITM transmission:
                                0.0213
                                1.0000
PRM transmission:
                              294.71
Finesse:
Power Recycling Factor:
                                 1.00
                                0.00 kW
Arm power:
Power on beam splitter:
                                0.01 W
Thermal load on ITM: Thermal load on BS:
                                0.000 W
                                0.000 W
Regired TCS efficiency:
                                1.000(estimate, see IFOModel.m for definition)
BNS Inspiral Range:
                               0.000 Mpc
BBH Inspiral Range:
                               0.003 Mpc
Stochastic Omega:
                         9 Universes
New Nebulous Range:
                               1.244 Mpc
Bar length and diameter: 0.6 m x 0.06 m. (dumbell)
Bar mass (Aluminium, Q~1.13M): 13.911 kg
```

Bar and Suspension temperature: 293 K and 293 K.