```
ans =

27-Mar-2017 23:30:01


Torsion Suspension (suspTorpedo3.m)
 - torsion suspension wire material: Tungsten
 - torsion suspension wire loss angle: 1e-07
 - torsion suspension wire temperature: 293 K
 - torsion wire diameter (single wire, safety factor 1x): 250 um
 - torsion suspension wire length: 0.686 m
 - torsion spring constant (2 wire): 0.026211+2.6211e-08i Nm/rad
 - torsion bar inertia: 0.6662kg*m^2
 - torsion resonance: 0.031569+1.5785e-08i Hz
You are not injecting squeezing..loozer!
 - Seismic Isolator: T240
 - Seismic Ground Motion: LLO
 - Seismic Isolator: T240
 - Seismic Ground Motion: LLO
Laser Power:              0.003 Watt
SRM Detuning:              0.00 degree
SRM transmission:          1.0000
ITM transmission:          0.0213
PRM transmission:          1.0000

seismicNN =

Seismic Newtonian Noise

Finesse:                 294.71
Power Recycling Factor:    1.00
Arm power:                 0.00 kW
Power on beam splitter:    0.00 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:       0.001 Mpc
Stochastic Omega: 3e+02 Universes

New Nebulous Range:       0.512 Mpc

TORPEDO Configuration (nomm_anu_pType1_v4.m)
 - Reference Cavity Length: 0.2 m
 - Arm Lengths: 0.368 m
 - Bar length and diameter: 0.6 m x 0.06 m.
 - Bar material: Aluminium
 - Bar material loss angle: 8.86e-07
 - Bar temperature: 293 K
 - Bar mass: 13.128 kg
 - Bar Inertia: 0.6662 kg*m^2
```