```
23-May-2016 23:17:43
```

- Bar material: Aluminium

- Bar material loss angle: 1.13e+06

```
Torsion Suspension (suspTorpedo3.m)

    torsion suspension wire material: Silicon

   torsion suspension wire loss angle: 2e-09
 - torsion suspension wire temperature: 293 K
 - torsion wire diameter (single wire, safety factor 1x): 500 um
 - torsion suspension wire length: 0.686 m
 torsion spring constant (2 wire): 0.0065528+6.5528e-12i Nm/radtorsion bar inertia: 0.6508kg*m^2
 - torsion resonance: 0.01597+7.9851e-12i Hz
You are not injecting squeezing..loozer!
- Seismic Isolator: MinusK

    Seismic Ground Motion: LLO

    Seismic Isolator: MinusK

 - Seismic Ground Motion: LLO
Laser Power:
                                  0.003 Watt
SRM Detuning:
                                   0.00 degree
SRM transmission:
                                   1.0000
                                   0.0213
ITM transmission:
                                   1.0000
PRM transmission:
Warning: Ignoring extra legend entries.
 In legendHGUsingMATLABClasses>set_children_and_strings (line 650)
  In legendHGUsingMATLABClasses>make_legend (line 313)
  In legendHGUsingMATLABClasses (line 241)
  In <a href="matlab:matlab.internal.language.introspective.errorDocCallback('le</pre>
gend', '/Applications/MATLAB_R2015a.app/toolbox/matlab/scribe/legend.p', 118)" style="font-weight:bold">legend</a> (<a href="matlab: opentoline('/Applications/MATLAB_R2015a.app/toolbox/matlab: opentoline('/Applications/M
ATLAB_R2015a.app/toolbox/matlab/scribe/legend.p',118,0)">line 118</a>)
  In <a href="matlab:matlab.internal.language.introspective.errorDocCallback('gwc', '/Users/slagmolen/ownCloud/Research/ANU-Torsion/matlab/gwincTOBA/gwinc.m',
 261)" style="font-weight:bold">gwinc</a> (<a href="matlab: opentoline(*/Users/s
lagmolen/ownCloud/Research/ANU-Torsion/matlab/gwincTOBA/gwinc.m',261,0)">line 26
1 < /a > )
  In <a href="matlab:matlab.internal.language.introspective.errorDocCallback('no</pre>
mm_anu_pType1_v2', '/Users/slagmolen/ownCloud/Research/ANU-Torsion/matlab/gwincT

OBA/nomm_anu_pType1_v2.m', 334)" style="font-weight:bold">nomm_anu_pType1_v2</a>

(<a href="matlab: opentoline('/Users/slagmolen/ownCloud/Research/ANU-Torsion/matlab/gwincTOBA/nomm_anu_pType1_v2.m',334,0)">line 334</a>)]
                                 294.71
Finesse:
Power Recycling Factor:
                                   1.00
                                   0.00 kW
Arm power:
                                   0.00 W
Power on beam splitter:
Thermal load on ITM:
                                   0.000 W
Thermal load on BS:
                                   0.000 W
Regired TCS efficiency:
                                   1.000(estimate, see IFOModel.m for definition)
BNS Inspiral Range:
                                  0.000 Mpc
BBH Inspiral Range:
                                  0.002 Mpc
Stochastic Omega: 2e+01 Universes
New Nebulous Range:
                                 0.855 Mpc
TORPEDO Configuration (nomm_anu_pType1_v2.m)
 - Reference Cavity Length: 0.2 m
   Arm Lengths: 0.368 m
   Bar length and diameter: 0.6 \text{ m} \times 0.06 \text{ m}.
```

Bar temperature: 293 KBar mass: 4.5804 kgBar Inertia: 0.13741 kg*m^2