



REV.	DATE	DCN #	DRAWING TREE #

COULD USE UPPER MASS ETC ... FROM INPUT MODE CLEANER.

6 OSEMS or ECD's (NOT SHOWN)

COULD DESIGN FOR 6 OSEMS OR 6 ECD's?

OPTICAL TABLE (BONDED) REF NOTES FROM PETER F AND GLASGOW GROUP

WIRES AND STRUCTURE / TABLECLOTH HAVE BEEN OMITTED FOR CLARITY

PARTS LIST

NOTES: (UNLESS OTHERWISE SPECIFIED)

- DO NOT SCALE FROM DRAWING.
- LAYOUT OF OUTPUT MODE CLEANER, REPRESENTS A CONCEPTUAL DESIGN.

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± 0.01
.XXX ± 0.005

ANGULAR ± 0.5 °

- ③ Intermediate mass
Weight, m1: 3 kg
Dimensions: 350 mm x 80 mm x 50 mm (TBM TO MATCH 3kg)
Material: Aluminium
- ④ Test Mass / Breadboard
Controls Prototype
Weight, m2: 6 kg
Dimensions: breadboard plus components TBD
Material: Aluminium?
Noise Prototype
Weight, m2: 6 kg
Dimensions: breadboard 50 cm x 10cm x 5 cm plus components ~ 200 g
Material: Fused Silica

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
IGR, GLASGOW UNIVERSITY GEO 600 GROUP

SUPA SCOTTISH UNIVERSITIES PHYSICS ALLIANCE
TECHNOLOGY FOR EXPERIMENTAL &
OBSERVATIONAL PHYSICS IN SCOTLAND (TEOPS)

SYSTEM ENHANCED / ADVANCED LIGO

SUB-SYSTEM SUSPENSIONS

NEXT ASSY HAM CHAMBER

PART NAME OUTPUT MODE CLEANER
OVERALL ASSEMBLY

	NAME	DATE
DRAWN	C TORRIE	13 SEPT 2006
CHECKED		
APPROVED		

SIZE DWG. NO. D060104 REV. 07

SCALE: NTS PROJECTION: SHEET 1 OF 2

