*LIGO Laboratory / LIGO Scientific Collaboration*

LIGO-E1300408-v1 *LIGO* 5/9/13

Install Manifold/Cryo Baf LHO ITM Y Test

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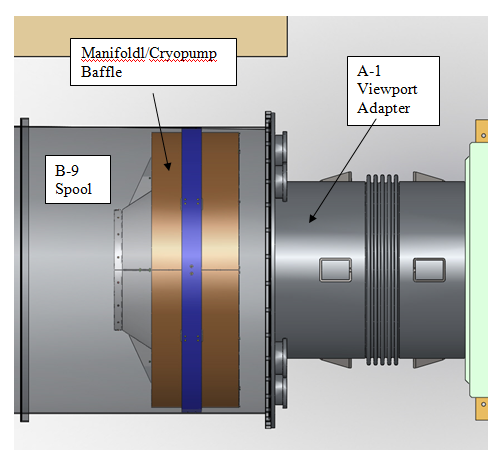
**Abstract**

This document presents the data for the LHO ITM Y Manifold/Cryo Baffle Installation Acceptance Test.

# Introduction

This document presents the data for the LHO ITM Y Manifold/Cryo Baffle Installation Acceptance Test.

# Acceptance Tests



6.0 in

17.5 in

6.0 in

Figure : Manifold/Cryo Baffle placed 6.0 in away from A1 Adapter at Corner Station



Pendulum Rod

Blade Spring

Figure : Close up of Blade Spring and 2-Wire Pendulum Suspension Mechanism

.



Fixed Weights

Outer Support Ring

Magnets

Cu Plate

Balance Weights

Figure : Magnet Gap and Balance Weights

## Y-Arm Manifold-Cryopump Baffle Alignment Test & Exit Check List

