*LIGO Laboratory / LIGO Scientific Collaboration*

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AOS SLC BS Elliptical Baffle

Production Plan

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**Abstract**

This document describes the plan for acquisition of parts, components, and materials needed for fabrication of six (6) BS Elliptical Baffle.

# Introduction

This document describes the plan for acquisition of parts, components, and materials needed for fabrication of six (6) BS Elliptical Baffle.

## Scope

The cost of the production plan is limited to the hardware acquisition costs of the BS Elliptical Baffles.

It does not include labor for procurement, assembly, pre-alignment, test, and installation.

# Production Plan

## Fabrication

The BS Elliptical Baffle subassemblies will be manufactured by selected machine shops.

## Assembly and Test

The BS Elliptical Baffle sub-assemblies will be pre-assembled in a clean room, wrapped, and transported to a portable clean room near the installation site

The final installation and assembly will be done in situ on the Cartridge assembly.

# Baffle Estimated Unit Cost

BS Elliptical Baffle 1250

 Alignment Tooling 1500

## Comparison with Cost Book

This is a new item and is not in the Cost Book

# Procurement Plan

**July 2012**

Qty 6 BS Elliptical Baffle 7500

Qty 2 Alignment Tooling 3000

Shipping 600

Total Cost  **$11,100**