**Photon Detector Hardware DB - Radiator Plate Table Description**

**Description:**

The IU bar design of the photon detector is comprised of a 2 m long wavelength shifting bar with thin TPB-coated radiator plates mounted next the bar. This document describes the DB table for the radiator plates.

**Table Entry Descriptions:**

Bar SN - [text] Serial number stamped into the radiator plate.

Batch – [text] Batch number for plate.

Date received – [date] Date the plate was received at IU.

Pre-coat test date – [date] Date plate dimensions were measured.

Pre-coat test worker – [text] Person that performed the test measurements.

Pre-coat Width – [float] Plate width before coating.

Pre-coat Length – [float] Plate length before coating.

Coating date – [date] Date plate was coated with TPB.

Coating worker – [text] Person that performed the test measurements.

Post-coat test date – [date] Date plate dimensions were measured after coating.

Post-coat test worker – [text] Person that performed the test measurements.

Post-coat Width – [float] Plate width after coating.

Post-coat Length – [float] Plate length after coating.

Brightness test date – [date] Attenuation length of bar

Brightness test worker – [text] Person that performed the plate brightness measurement.

Brightness measurement – [float] Brightness measurement for plate

Date received at CSU– [date] Date that the plate was received at CSU.

Visual Inspection Result – [text] Date that the plate was received at CSU.

Inspection worker – [text] Person that performed the inspection.

Procedure Document Version – [text] Version of procedure document.