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Subject: New pipe geometries

Posted by [Volker Frieze](#) on Tue, 24 Nov 2009 11:31:35 GMT

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Thanks to Sergey Belogurov, there are new beampipe geometries in the repository.

The standard pipe geometry (pipe\_standard.geo) was slightly corrected in the thickness of the vacuum vessel walls. The up-to-now standard file is kept for reference (pipe\_standard\_old.geo).

New pipe designs - with larger opening angle - were implemented both in Beryllium (pipe\_Be.geo) and Aluminium (pipe\_Al.geo). For details, see Sergey's presentation at the CBM Group Meeting, 20 November 2009. Please note that these geometries conflict (overlap) with the current standard STS geometry. Anna Kotynia will soon provide an STS geometry which complies to the new pipes.