

Short note on MICE Geometry

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Survey data for TOF0/1/2+KL and GVA1 already available

First survey of TOF1 and TOF2+KL
was performed 9 Jan. 2010.

TOF0/1/2+KL and GVA1 were
surveyed (again) on 11-12 Sept.
2010.

**Agreement within ~1.5 mm between
both surveys of TOF1.**

MICE Survey 09-01-10

Measurements were taken along the beamline on the following details respect to the Apex2/MICE datum point.

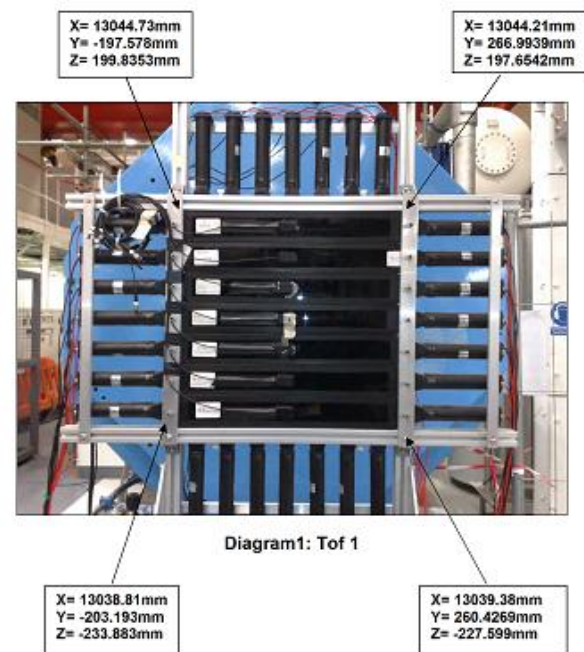
Note! Co-ordinate System Setup:

X axis= Distance along beamline

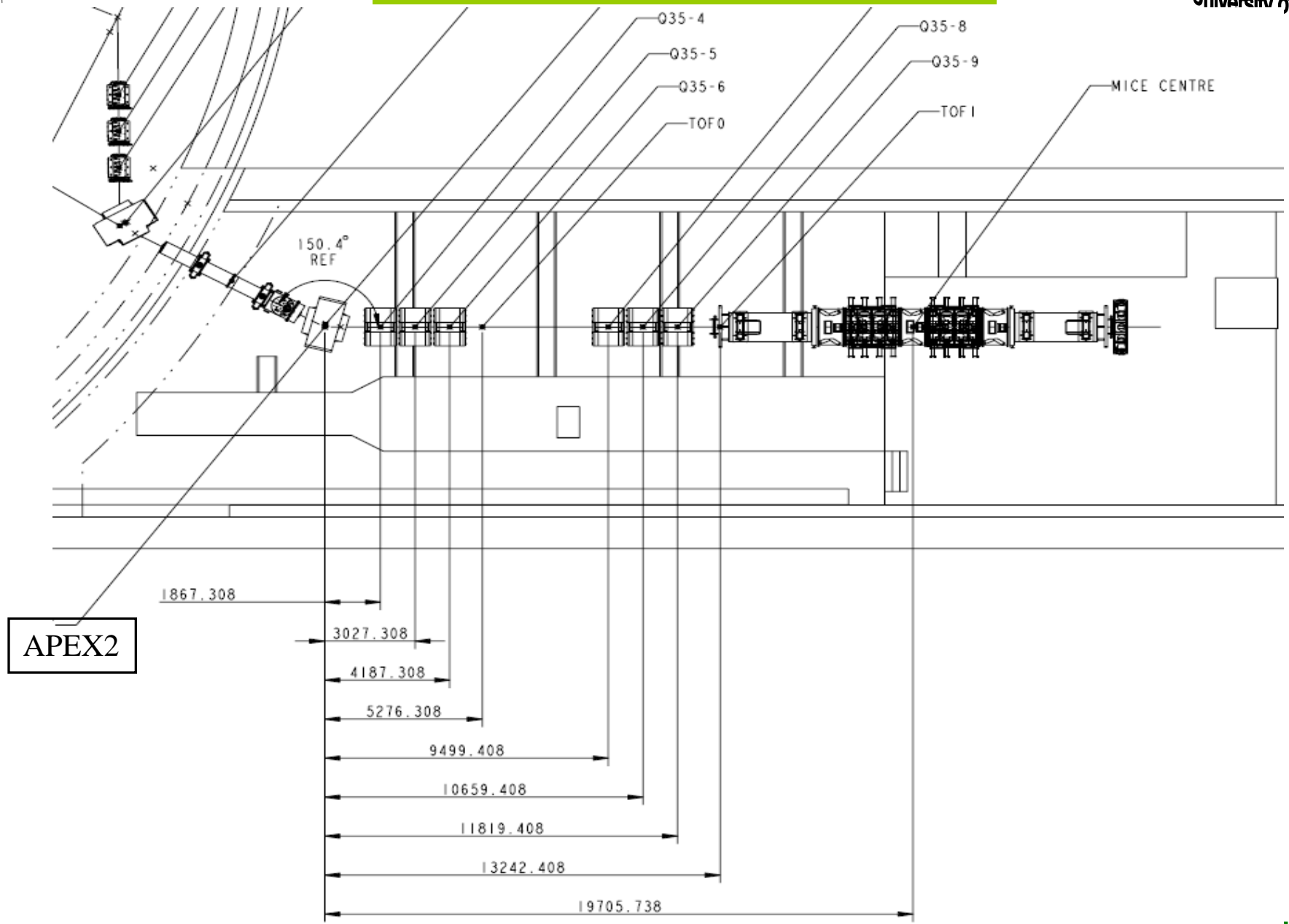
Y axis= Distance across beamline

Z axis= Distance vertical to gravity

TOF1 Assembly



MICE Note 242 (Jan 2009)





Positions along the beam - some checks...



of Sofia

wrt APEX2
Jan 2010
Sept 2010

	wrt APEX2 (Note 242, Jan 2009)	G4BL (Marco)	19705.738 in MICE centre (Note 242)	G4MICE (C.R., Aug. 2010)	Differ.
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D2	103.320				-19602.418
Q4	1867.308	0.000/ 1867.308			-17838.430
Q5	3027.309	1160.000/3027.308			-16678.429
Q6	4187.308	2320.000/4187.308			-15518.430

5293.753

TOF0	5276.308	3378.950/5246.258		-14429.430	-14182.5	-246.930
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Q7	9499.408	7632.100/9499.408		-10206.330	-9959.45	-246.880
Q8	10659.408	8792.100/10659.408		-9046.330	-8799.45	-246.880
Q9	11819.408	9952.100/11819.408		-7886.330	-7639.45	-246.880

TOF1	13242.408	11207.50/13074.808		-6463.330	-6383.45	-79.880
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13001.782
12999.363

TOF1				-6703.956	-6383.45	-320.506
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