



Jefferson Lab Alignment Group

Data Transmittal

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DATE: 08/05/2015

FROM: Chris Gould

Checked:

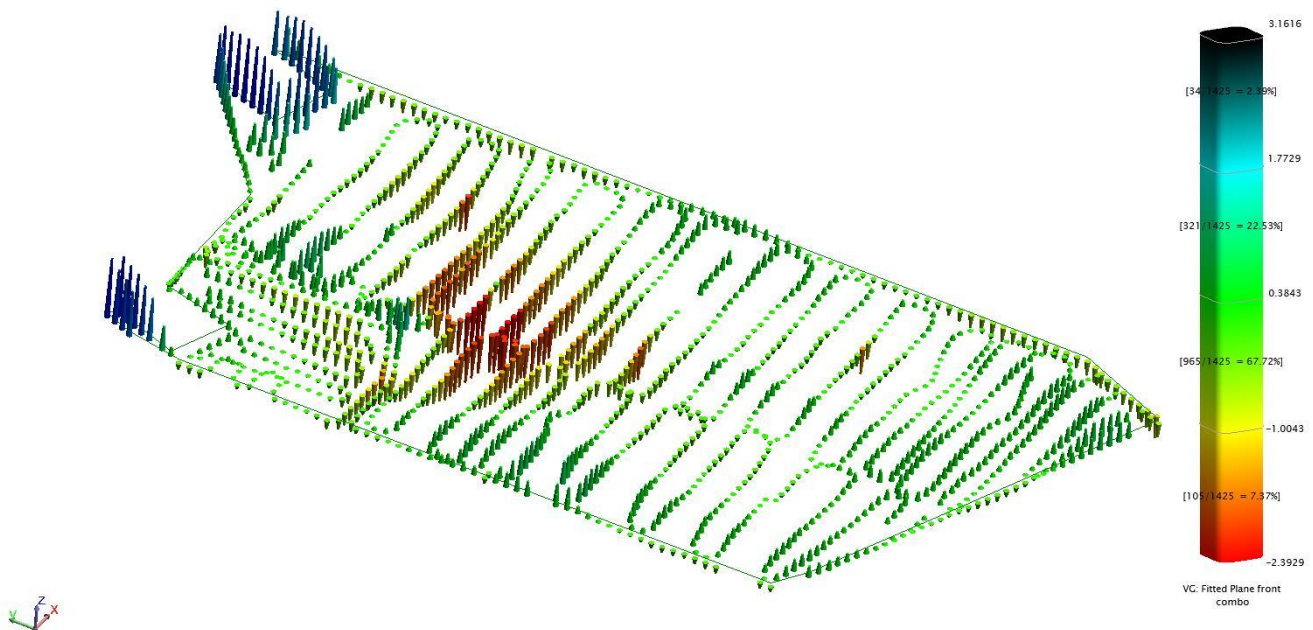
: B1661

DETAILS:

M:\align\DATA\Inspection\HallB\CoilCase\CCM007_9\150731A

The results for the survey of vacuum jacket Coil X are enclosed below. The survey was performed in the torus factory on July 31, 2015.

Front Plane – range 3.16mm to -2.39mm



Fitted top plane to raised plane relationship (angle = 0.1212°)

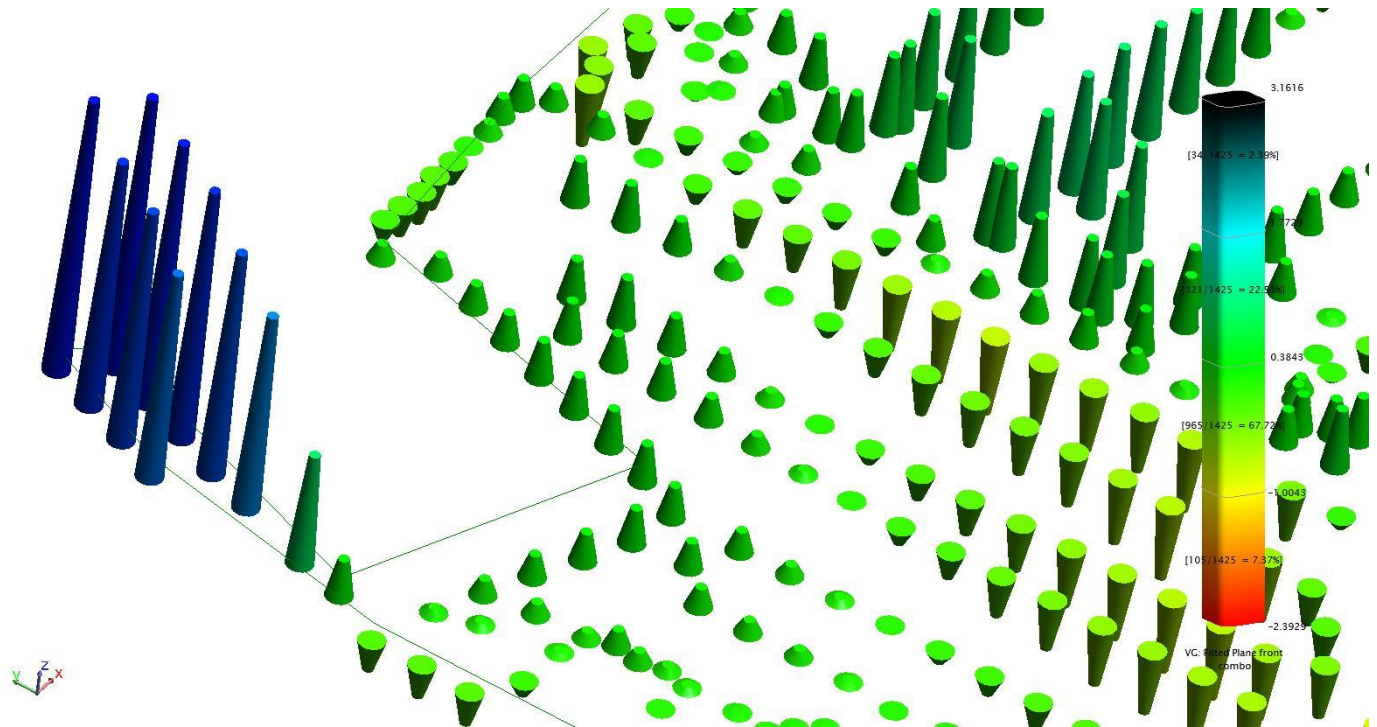
Angle Between (deg)	0.1212°		
Mutual Perp. Dist. (mm)	227.8327		
Proj. Ang. Difference	Rx from Y	Ry from Z	Rz from X
(deg)	0.0910°	0.0801°	311.3565°

Oops planes relative to fitted center:

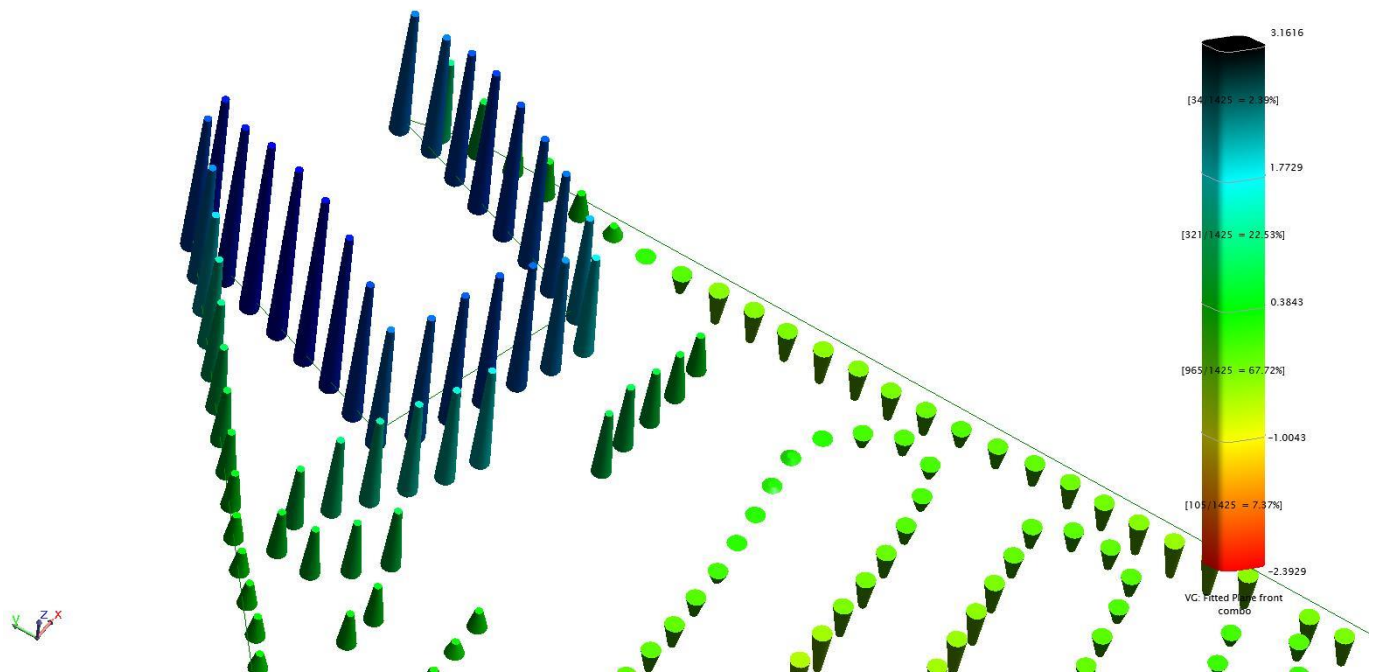
Upstream oops is 97.26mm above center

Downstream oops is 97.21mm above center

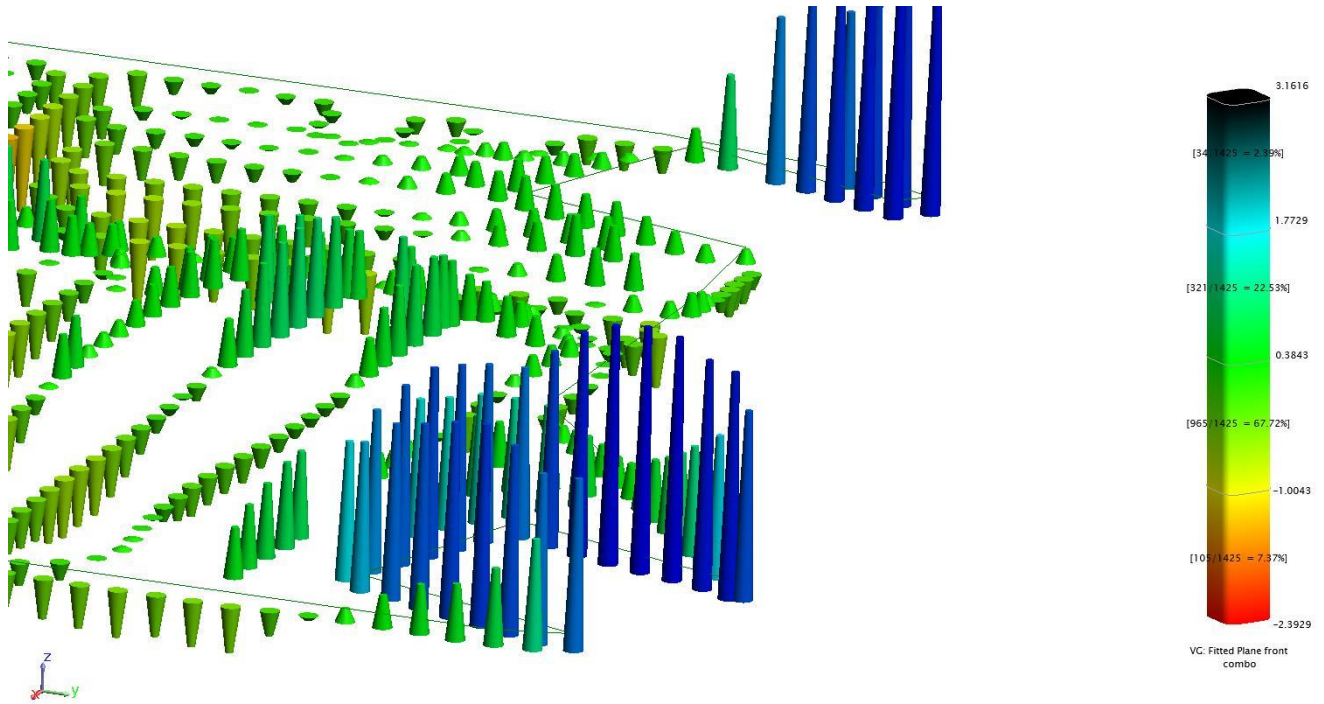
Front Plane – blowup of upstream tang – range 3.16mm to -2.39



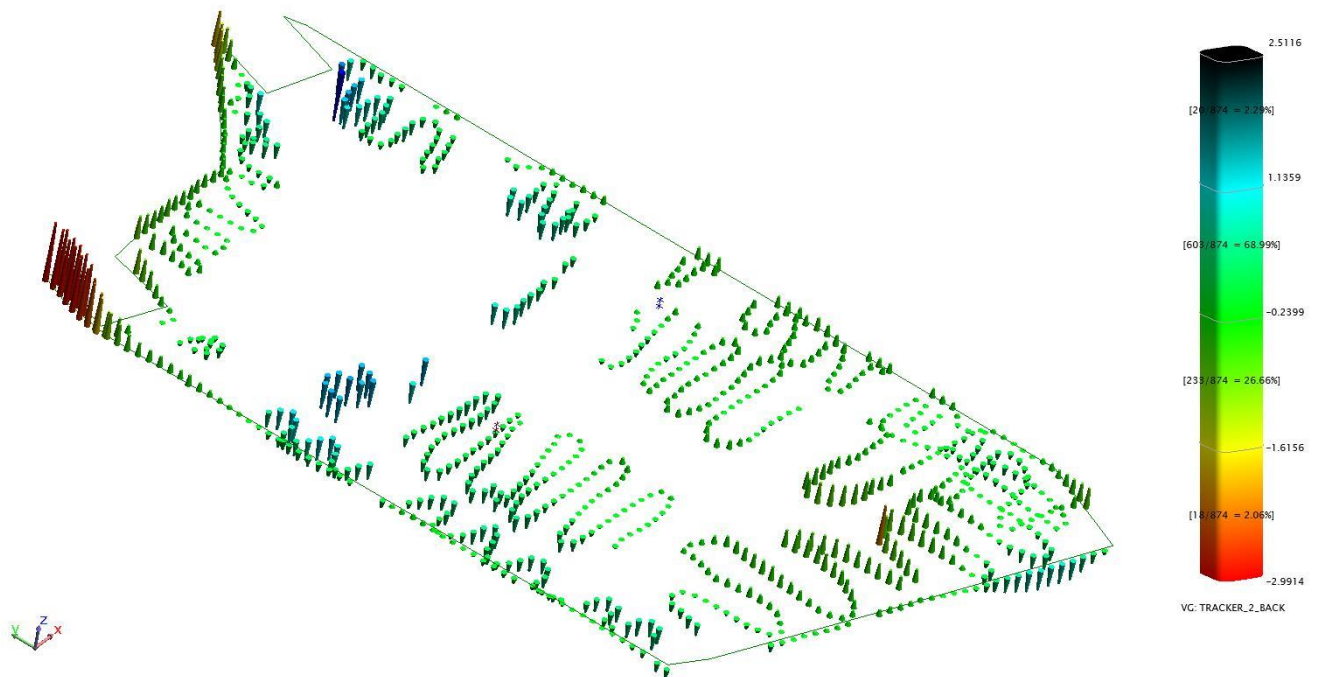
Front Plane – blowup of downstream tang - range 3.16mm to -2.39mm



Front Plane – blowup of downstream – range 3.16mm to -2.39mm



Back Plane – range 2.51mm to -2.99mm



Back Plane – blowup of tangs – range 2.51mm to -2.99mm

