Jefferson Lab Alignment Group DATA TRANSMITTAL

TO: D. Meekins, J. Mitchell, J. LeRose DATE: 01 Feb 2001

FROM: Jim Dahlberg Checked: #: A652

DETAILS:

Below are the results of the Hall A target as found survey performed on Jan 31st. The numbers shown represent the amount the target would have to move (in mm) to be in the ideal location. A negative X is to the beam right, positive Y is up, and positive Z is downstream. The top aperture on ATC1X2 and the center aperture on ATSL14 were positioned on beam centerline during the survey. These are not the 'ideal' survey locations, which explain the large delta Y values.

ATTUNAA 8.34 0.26 1.74 ATTUNAB 8.20 0.29 1.88 ATTUNAC 8.06 0.15 1.79 ATC1B4A 7.89 0.51 2.98 ATC1B4B 8.02 0.44 1.67 ATC1B4C 7.81 0.60 2.96 ATC1B4D 7.89 0.41 2.96 D B ATC1B4 ATC1B3A 6.94 -0.41 1.82 ATC1B3B 7.11 -0.61 1.80 ATC1B3C 6.92 -0.57 1.82 ATC1B3D 6.76 -0.48 1.76 ATC1X2C 6.68 -1.56 37.76 ATC1X2D 6.42 -1.59 37.65 ATSL14C 7.47 0.61 25.51 ATSL14C 7.05 0.52 25.34 ATC1X2	Target	Del Z	Del X	Del Y	A	
ATTUNAB 8.20 0.29 1.88 C B ATTUNAC 8.06 0.15 1.79 ATC1B4A 7.89 0.51 2.98 ATC1B4B 8.02 0.44 1.67 ATC1B4C 7.81 0.60 2.96 A ATC1B4D 7.89 0.41 2.96 D B ATC1B4 ATC1B3A 6.94 -0.41 1.82 ATC1B3B 7.11 -0.61 1.80 O ATC1B3C 6.92 -0.57 1.82 ATC1B3D 6.76 -0.48 1.76 ATC1X2C 6.68 -1.56 37.76 ATC1X2D 6.42 -1.59 37.65 ATSL14C 7.47 0.61 25.51 ATSL14C 7.47 0.61 25.51 ATSL14D 7.05 0.52 25.34 ATC1X2 ATC1X2 ATC1X2 ATC1X2 ATC1X2 ATC1X2	ATTUNAA	8.34	0.26	1.74		ATTUNA
ATC1B4A 7.89 0.51 2.98 ATC1B4B 8.02 0.44 1.67 ATC1B4C 7.81 0.60 2.96 ATC1B4D 7.89 0.41 2.96 D B ATC1B4 ATC1B3A 6.94 -0.41 1.82 ATC1B3B 7.11 -0.61 1.80 ATC1B3C 6.92 -0.57 1.82 ATC1B3D 6.76 -0.48 1.76 ATC1X2C 6.68 -1.56 37.76 ATC1X2D 6.42 -1.59 37.65 ATSL14C 7.47 0.61 25.51 ATSL14D 7.05 0.52 25.34 ATC1X2	ATTUNAB	8.20	0.29	1.88		
ATC1B4B 8.02 0.44 1.67 ATC1B4C 7.81 0.60 2.96 ATC1B4D 7.89 0.41 2.96 D O B ATC1B3A 6.94 -0.41 1.82 ATC1B3B 7.11 -0.61 1.80 ATC1B3C 6.92 -0.57 1.82 ATC1B3D 6.76 -0.48 1.76 ATC1X2C 6.68 -1.56 37.76 ATC1X2D 6.42 -1.59 37.65 ATSL14C 7.47 0.61 25.51 ATSL14D 7.05 0.52 25.34 ATC1X2	ATTUNAC	8.06	0.15	1.79		
ATC1B4B 8.02 0.44 1.67 ATC1B4C 7.81 0.60 2.96 ATC1B4D 7.89 0.41 2.96 D B ATC1B4 ATC1B3A 6.94 -0.41 1.82 ATC1B3B 7.11 -0.61 1.80 ATC1B3C 6.92 -0.57 1.82 ATC1B3D 6.76 -0.48 1.76 ATC1X2C 6.68 -1.56 37.76 ATC1X2D 6.42 -1.59 37.65 ATSL14C 7.47 0.61 25.51 ATSL14C 7.05 0.52 25.34 ATC1X2	ATC1B4A	7.89	0.51	2.98	0	
ATC1B4C 7.81 0.60 2.96 A A D O B ATC1B4 ATC1B3A 6.94 -0.41 1.82 O ATC1B3B 7.11 -0.61 1.80 O O ATC1B3C G.92 -0.57 1.82 O ATC1B3D ATC1B3D						
ATC1B3A 6.94 -0.41 1.82		7.81	0.60	2.96	А	
ATC1B3A 6.94 -0.41 1.82 ATC1B3B 7.11 -0.61 1.80 ATC1B3C 6.92 -0.57 1.82 ATC1B3D 6.76 -0.48 1.76 ATC1X2C 6.68 -1.56 37.76 ATC1X2D 6.42 -1.59 37.65 ATSL14C 7.47 0.61 25.51 ATSL14D 7.05 0.52 25.34 ATC1X2	ATC1B4D	7.89	0.41	2.96		ATC1B4
ATC1B3B 7.11 -0.61 1.80	ATC1B3A	6.94	-0.41	1.82		
ATC1B3D 6.76 -0.48 1.76 ATC1X2C 6.68 -1.56 37.76 ATC1X2D 6.42 -1.59 37.65 ATSL14C 7.47 0.61 25.51 ATSL14D 7.05 0.52 25.34 ATC1X2 ATSL14D A D O B ATC1B3 ATC1B3 ATC1B3 ATC1B3 ATC1B3 C ATC1X2 ATC1X2 ATC1X2 ATC1X2 ATC1X2						
ATC1X2C 6.68 -1.56 37.76 ATC1X2D 6.42 -1.59 37.65 ATSL14C 7.47 0.61 25.51 ATSL14D 7.05 0.52 25.34 ATC1X2 ATSL14D ATSL14D ATSL14D ATSL14	ATC1B3C	6.92	-0.57	1.82		
ATC1X2C 6.68 -1.56 37.76 C C ATC1X2D 6.42 -1.59 37.65 O ATSL14C 7.47 0.61 25.51 ATSL14D 7.05 0.52 25.34 D C ATSL14D O ATSL14	ATC1B3D	6.76	-0.48	1.76	А	
ATC1X2D 6.42 -1.59 37.65 ATSL14C 7.47 0.61 25.51 D C ATSL14D 7.05 0.52 25.34 O ATSL14D O ATSL14						ATC1B3
ATSL14C 7.47 0.61 25.51 D C ATC1X2 ATSL14D 7.05 0.52 25.34 O ATSL14					C	
ATSL14D 7.05 0.52 25.34 D C C O ATSL14	ATC1X2D	6.42	-1.59	37.65	0	
ATSL14D 7.05 0.52 25.34 D C C O ATSL14	ATSL14C	7.47	0.61	25.51		ATC1X2
O O ATSL14					р О с	
O O ATSL14						
O ATSL14						
						ATSL14
					D O C	