



Jefferson Lab Alignment Group

Data Transmittal

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DETAILS:

Data: Inspection\ EARC\ 070329A
Inspection\ WARC\ 070329A

Below are the results from the roll measurements taken on the east and west arc dipoles. Due to accessibility and time restraints, the upper two passes and some of the third pass dipoles were not measured. The values are in milliradians, the accuracy is ± 0.1 mrad. A + roll is clockwise looking downstream. All dipoles over 0.2 mrad of roll (in **bold** type), were re-measured and confirmed at a later date.

EAST ARC				WEST ARC			
DIPOLE	ROLL	DIPOLE	ROLL	DIPOLE	ROLL	DIPOLE	ROLL
BB5A17	0.3	BB5A25	0.1	BB6A01	0.0	BA8A11	-0.1
BA7A17	0.2	BA7A25	0.2	BA8A01	0.1	BB6A12	0.0
BA9A17	0.3	BA9A25	0.1	BB6A02	0.1	BA8A12	0.0
BB5A18	0.5	BB5A26	0.2	BA8A02	0.1	BB6A13	0.2
BA7A18	0.3	BA7A26	0.0	BB6A03	0.1	BA8A13	0.1
BA9A18	0.5	BA9A26	0.1	BA8A03	0.0	BB6A14	0.6
BB5A19	0.2	BB5A27	0.0	BB6A04	0.2	BA8A14	0.1
BA7A19	0.2	BA7A27	0.0	BA8A04	0.1	BB6A15	0.0
BA9A19	0.2	BA9A27	0.0	BB6A05	0.0	BA8A15	0.0
BB5A20	0.2	BB5A28	0.0	BA8A05	0.0	BB6A16	0.1
BA7A20	0.2	BA7A28	-0.1	BB6A06	0.7	BA8A16	0.0
BA9A20	-0.1	BA9A28	-0.1	BA8A06	0.7	BA8A17	0.5
BB5A21	0.1	BB5A29	0.0	BB6A07	0.2	BA8A18	0.2
BA7A21	0.0	BA7A29	0.3	BA8A07	0.2	BA8A19	0.1
BA9A21	0.0	BA9A29	0.3	BB6A08	0.1	BA8A20	0.1
BB5A22	0.1	BB5A30	0.0	BA8A08	0.1	BA8A21	0.1
BA7A22	0.0	BA7A30	0.1	BB6A09	0.0	BA8A22	0.4
BA9A22	0.1	BA9A30	0.1	BA8A09	0.1	BA8A23	0.0
BB5A23	0.1	BB5A31	0.2	BB6A10	0.0	BA8A24	0.1
BA7A23	0.1	BA7A31	0.3	BA8A10	0.0	BA8A25	0.1
BA9A23	0.0	BA9A31	0.3	BB6A11	0.0		
BB5A24	0.1	BB5A32	0.1				
BA7A24	0.1	BA7A32	0.1				
BA9A24	-0.1	BA9A32	0.4				