



# Jefferson Lab Alignment Group Data Transmittal

**TO:** T. Carstens, T. Whitlach

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**Checked:**

**# :** D1494

**DETAILS:**

Data: \Geonet\Data\HallD\SRV8

Below are the results of the recent elevation survey (Srv8) in the Hall D region compared to surveys carried out over the last 2 years. The surveys of the previous years were normalized as much as possible such that the same monuments were used as baseline references. The location of the Hall D monuments can be seen in the accompanying diagram. All measurements are in meters.

<b>TAGGER</b>	<b>Elev. (1/13)</b>	<b>Diff from Srv7 (4/12)</b>	<b>Diff from Srv5 (10/11)</b>	<b>Diff from Srv1 (2/11)</b>
RNL0640	2102.90518	-0.0006	-0.0034	-0.0179
RNL0650	2102.90350	-0.0005	-0.0028	-0.0167
RNL0670	2102.91354	-0.0008	-0.0040	-0.0181
	Months:	9.0	15.1	23.0
	<b>Avg Floor:</b>	<b>-0.0006</b>	<b>-0.0034</b>	<b>-0.0176</b>
<b>COL. CAVE</b>	<b>Elev.</b>	<b>Diff Srv7 (4/12)</b>	<b>Diff Srv3 (8/11)</b>	<b>Diff Srv1 (2/11)</b>
RSD0020	2103.71634	0.0001	-0.0004	-0.0031
RSD0030	2103.72366	0.0001	-0.0004	-0.0025
RSD0060	2103.72513	0.0002	0.0002	-0.0001
RSD0610	2105.67966	0.0002	-0.0001	-0.0032
RSD0630	2105.62146	0.0001	-0.0002	-0.0017
	Months:	9.0	17.1	23.0
	<b>Avg Col Cave:</b>	<b>0.0001</b>	<b>-0.0002</b>	<b>-0.0021</b>
<b>HALL D</b>	<b>Elev.</b>	<b>Diff Srv7 (4/12)</b>	<b>Diff Srv3 (8/11)</b>	<b>Diff Srv1 (2/11)</b>
RSD0160	2101.19617	0.0003	0.0009	0.0014
RSD0180	2101.20348	0.0004	0.0013	0.0016
RSD0320	2101.21016	0.0002	0.0009	0.0011
RSD0360	2101.21023	0.0001	0.0007	0.0015
RSD0390	2101.20710	0.0000	0.0009	0.0014
RSD0440	2101.20792	0.0002	0.0008	0.0013
RSD0480	2101.20965	0.0004	0.0014	0.0018
RSD0792	2103.23132	0.0005	0.0019	0.0020
RSD0798	2103.23526	0.0004	0.0015	0.0020
	Months:	9.0	17.1	23.0
	<b>Avg Floor:</b>	<b>0.0003</b>	<b>0.0012</b>	<b>0.0016</b>

### HALL D MONUMENT LOCATIONS

