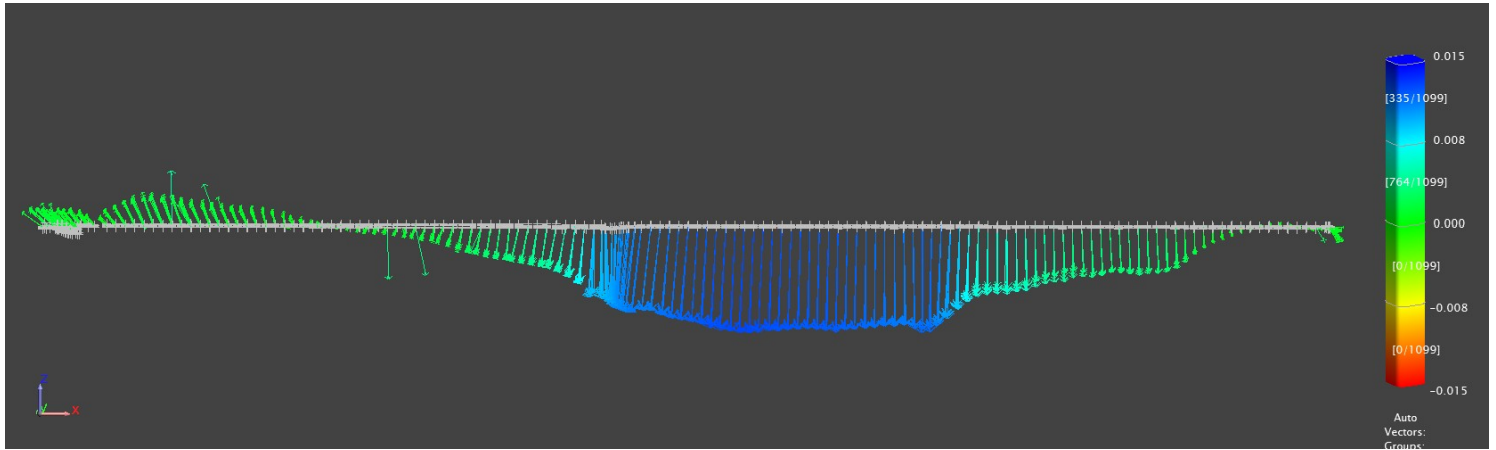


XTD1-XS2-XTD6



All Vectors Summary: Vector Group				
PANDA_PR_Komplett::Auto Vectors: Groups: LA_XFEL_Gesamt_20140930				
Statistic	dX (m)	dY (m)	dZ (m)	Mag (m)
Min	-0.002	-0.003	-0.011	0.001
Max	0.002	0.006	0.005	0.012
Average	-0.000	0.002	-0.004	0.005
StdDev from Avg	0.001	0.002	0.004	0.004
StdDev from Zero	0.001	0.003	0.006	0.006
RMS	0.001	0.003	0.006	0.006
Tol Range				-0.001 0.001
In Tol				1 (0.1%)
Out Tol				1098 (99.9%)
Count	1099			

Vector Group											
PANDA_PR_Komplett::Auto Vectors: Groups: LA_XFEL_Gesamt_20140930											
Name	Begin			End			Delta			Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)	(m)	
D1-2131.10	-672.064	24.568	-0.615	-672.065	24.569	-0.613	-0.001	0.001	0.002	0.002	+
D1-2131.11	-672.069	24.569	-1.136	-672.071	24.569	-1.134	-0.001	0.001	0.002	0.002	+
D1-2131.9	-672.062	24.564	0.357	-672.063	24.565	0.359	-0.001	0.001	0.002	0.002	+
D1-2136.10	-666.900	24.247	0.355	-666.901	24.248	0.357	-0.001	0.001	0.001	0.002	+
D1-2136.11	-666.873	24.246	-0.439	-666.874	24.247	-0.438	-0.001	0.001	0.001	0.002	+
D1-2136.12	-666.877	24.246	-1.143	-666.878	24.247	-1.142	-0.001	0.001	0.001	0.002	+
D1-2136.3	-666.828	26.932	-1.167	-666.829	26.933	-1.166	-0.001	0.001	0.001	0.002	+
D1-2136.4	-666.809	26.930	-0.441	-666.810	26.931	-0.439	-0.001	0.001	0.001	0.002	+
D1-2136.5	-666.826	26.937	0.356	-666.827	26.938	0.357	-0.001	0.001	0.001	0.002	+
D1-2136.6	-666.872	26.942	1.052	-666.873	26.943	1.053	-0.001	0.001	0.001	0.002	+
D1-2136.9	-666.894	24.249	1.085	-666.895	24.250	1.087	-0.001	0.001	0.001	0.002	+
D1-2137.10	-665.893	23.871	0.372	-665.894	23.872	0.374	-0.001	0.001	0.001	0.002	+
D1-2137.11	-665.892	23.832	-0.449	-665.893	23.832	-0.448	-0.001	0.001	0.001	0.002	+
D1-2137.12	-665.887	23.835	-1.150	-665.888	23.836	-1.148	-0.001	0.001	0.001	0.002	+
D1-2137.3	-665.796	27.419	-1.149	-665.797	27.420	-1.147	-0.001	0.001	0.001	0.002	+
D1-2137.4	-665.800	27.416	-0.457	-665.801	27.417	-0.455	-0.001	0.001	0.001	0.002	+
D1-2137.5	-665.803	27.455	0.356	-665.804	27.456	0.358	-0.001	0.001	0.001	0.002	+
D1-2137.6	-665.805	27.434	1.069	-665.806	27.435	1.071	-0.001	0.001	0.002	0.002	+
D1-2137.7	-665.806	27.400	2.369	-665.807	27.400	2.371	-0.001	0.001	0.001	0.002	+
D1-2137.8	-665.899	23.891	2.514	-665.900	23.892	2.515	-0.001	0.001	0.001	0.002	+
D1-2137.9	-665.894	23.841	1.202	-665.895	23.841	1.203	-0.001	0.001	0.001	0.002	+
D1-2144.10	-659.698	22.414	0.384	-659.699	22.415	0.386	-0.001	0.001	0.001	0.002	+
D1-2144.11	-659.674	22.413	-0.435	-659.675	22.413	-0.434	-0.001	0.001	0.001	0.002	+
D1-2144.12	-659.687	22.415	-1.141	-659.689	22.416	-1.140	-0.001	0.001	0.001	0.002	+
D1-2144.13	-659.667	23.865	-1.431	-659.668	23.866	-1.430	-0.001	0.001	0.001	0.002	+

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta				Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)			
D1-2144.3	-659.195	29.367	-1.129	-659.196	29.367	-1.127	-0.001	0.001	0.001	0.002	+	
D1-2144.4	-659.200	29.362	-0.435	-659.201	29.363	-0.434	-0.001	0.001	0.001	0.002	+	
D1-2144.5	-659.170	29.358	0.369	-659.171	29.359	0.370	-0.001	0.001	0.001	0.002	+	
D1-2144.6	-659.199	29.355	1.082	-659.199	29.356	1.084	-0.001	0.001	0.001	0.002	+	
D1-2144.7	-659.184	29.345	2.524	-659.185	29.346	2.525	-0.001	0.001	0.001	0.002	+	
D1-2144.8	-659.694	22.417	2.423	-659.695	22.417	2.425	-0.001	0.001	0.001	0.002	+	
D1-2144.9	-659.705	22.417	1.119	-659.706	22.417	1.120	-0.001	0.001	0.001	0.002	+	
D1-2150.10	-653.440	22.902	0.349	-653.441	22.903	0.350	-0.001	0.001	0.001	0.001	+	
D1-2150.11	-653.373	22.900	-0.463	-653.374	22.901	-0.462	-0.001	0.001	0.001	0.001	+	
D1-2150.12	-653.359	22.901	-1.153	-653.360	22.902	-1.152	-0.001	0.001	0.001	0.001	+	
D1-2150.13	-653.198	24.619	-1.450	-653.199	24.620	-1.449	-0.001	0.001	0.001	0.002	+	
D1-2150.3	-653.273	29.238	-1.143	-653.274	29.239	-1.142	-0.001	0.001	0.001	0.002	+	
D1-2150.4	-653.257	29.233	-0.446	-653.258	29.234	-0.445	-0.001	0.001	0.001	0.002	+	
D1-2150.5	-653.225	29.228	0.363	-653.226	29.229	0.364	-0.001	0.001	0.001	0.001	+	
D1-2150.6	-653.280	29.228	1.078	-653.281	29.228	1.079	-0.001	0.001	0.001	0.001	+	
D1-2150.9	-653.389	22.901	1.056	-653.390	22.901	1.057	-0.001	0.001	0.001	0.001	+	
D1-2161.3	-641.623	27.813	-1.240	-641.623	27.814	-1.239	-0.001	0.001	0.001	0.001	+	
D1-2161.4	-641.625	28.023	-0.634	-641.626	28.024	-0.634	-0.001	0.001	0.001	0.001	+	
D1-2161.5	-641.624	28.043	0.341	-641.625	28.044	0.342	-0.001	0.001	0.001	0.001	+	
D1-2161.6	-641.617	27.669	1.302	-641.618	27.670	1.303	-0.001	0.001	0.001	0.001	+	
D1-2161.7	-641.585	25.543	2.497	-641.586	25.544	2.497	-0.001	0.001	0.001	0.001	+	
D1-2161.8	-641.550	23.262	1.300	-641.550	23.263	1.301	-0.001	0.001	0.001	0.001	+	
D1-2161.9	-641.545	23.104	-1.236	-641.546	23.105	-1.235	-0.001	0.001	0.001	0.001	+	
D1-2170.3	-632.616	27.983	-1.196	-632.617	27.984	-1.195	-0.001	0.001	0.001	0.002	+	
D1-2170.4	-632.617	28.168	-0.624	-632.618	28.168	-0.622	-0.001	0.001	0.001	0.002	+	
D1-2170.5	-632.611	28.175	0.345	-632.612	28.176	0.346	-0.001	0.001	0.001	0.002	+	
D1-2170.6	-632.612	27.801	1.288	-632.613	27.802	1.290	-0.001	0.001	0.001	0.002	+	
D1-2170.7	-632.579	25.685	2.475	-632.580	25.686	2.476	-0.001	0.001	0.001	0.002	+	
D1-2170.8	-632.534	23.405	1.294	-632.536	23.406	1.295	-0.001	0.001	0.001	0.002	+	
D1-2170.9	-632.537	23.231	-1.230	-632.538	23.232	-1.229	-0.001	0.001	0.001	0.002	+	
D1-2179.3	-623.624	28.129	-1.199	-623.625	28.130	-1.197	-0.001	0.001	0.002	0.002	+	
D1-2179.4	-623.630	28.318	-0.618	-623.631	28.319	-0.616	-0.001	0.001	0.002	0.002	+	
D1-2179.5	-623.635	28.323	0.357	-623.636	28.324	0.359	-0.001	0.001	0.002	0.002	+	
D1-2179.6	-623.634	27.957	1.298	-623.635	27.958	1.300	-0.001	0.001	0.002	0.002	+	
D1-2179.7	-623.581	25.856	2.492	-623.582	25.857	2.494	-0.001	0.001	0.002	0.002	+	
D1-2179.8	-623.528	23.564	1.299	-623.529	23.564	1.301	-0.001	0.001	0.002	0.002	+	
D1-2179.9	-623.520	23.395	-1.222	-623.521	23.396	-1.220	-0.001	0.001	0.002	0.002	+	
D1-2188.4	-614.627	28.487	-0.633	-614.628	28.488	-0.631	-0.001	0.001	0.002	0.003	+	
D1-2188.5	-614.626	28.491	0.347	-614.627	28.491	0.349	-0.001	0.001	0.002	0.003	+	
D1-2188.6	-614.624	28.121	1.293	-614.625	28.122	1.296	-0.001	0.001	0.002	0.003	+	
D1-2188.7	-614.578	26.048	2.482	-614.579	26.049	2.485	-0.001	0.001	0.002	0.003	+	
D1-2188.8	-614.533	23.747	1.301	-614.534	23.748	1.303	-0.001	0.001	0.002	0.003	+	
D1-2188.9	-614.529	23.568	-1.224	-614.530	23.569	-1.222	-0.001	0.001	0.002	0.002	+	
D1-2197.3	-605.619	28.448	-1.233	-605.620	28.449	-1.231	-0.001	0.001	0.002	0.003	+	
D1-2197.4	-605.621	28.651	-0.597	-605.622	28.652	-0.595	-0.001	0.001	0.002	0.003	+	
D1-2197.5	-605.623	28.645	0.365	-605.624	28.646	0.368	-0.001	0.001	0.002	0.003	+	
D1-2197.6	-605.618	28.263	1.298	-605.619	28.264	1.300	-0.001	0.001	0.003	0.003	+	
D1-2197.7	-605.577	26.142	2.479	-605.578	26.143	2.482	-0.001	0.001	0.003	0.003	+	
D1-2197.8	-605.541	23.969	1.401	-605.543	23.970	1.403	-0.001	0.001	0.003	0.003	+	
D1-2197.9	-605.543	23.717	-1.224	-605.544	23.718	-1.221	-0.001	0.001	0.002	0.003	+	
D1-2206.3	-596.620	28.600	-1.213	-596.621	28.600	-1.210	-0.001	0.001	0.003	0.003	+	
D1-2206.4	-596.623	28.791	-0.605	-596.624	28.792	-0.603	-0.001	0.001	0.003	0.003	+	
D1-2206.5	-596.626	28.787	0.365	-596.627	28.788	0.368	-0.001	0.001	0.003	0.003	+	
D1-2206.6	-596.620	28.409	1.304	-596.621	28.409	1.307	-0.001	0.001	0.003	0.003	+	
D1-2206.7	-596.584	26.311	2.482	-596.585	26.311	2.485	-0.001	0.001	0.003	0.003	+	
D1-2206.8	-596.544	24.137	1.427	-596.545	24.138	1.430	-0.001	0.001	0.003	0.003	+	
D1-2206.9	-596.546	23.859	-1.223	-596.547	23.860	-1.221	-0.001	0.001	0.003	0.003	+	
D1-2215.3	-587.625	28.736	-1.213	-587.627	28.737	-1.210	-0.001	0.001	0.003	0.003	+	
D1-2215.4	-587.627	28.931	-0.612	-587.628	28.932	-0.609	-0.001	0.001	0.003	0.003	+	
D1-2215.5	-587.626	28.932	0.366	-587.627	28.933	0.368	-0.001	0.001	0.003	0.003	+	
D1-2215.6	-587.623	28.554	1.303	-587.624	28.555	1.306	-0.001	0.001	0.003	0.003	+	

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta				Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)			
D1-2215.7	-587.584	26.384	2.489	-587.585	26.385	2.492	-0.001	0.001	0.003	0.003	+	
D1-2215.8	-587.544	24.247	1.395	-587.545	24.248	1.398	-0.001	0.001	0.003	0.003	+	
D1-2215.9	-587.546	24.006	-1.230	-587.548	24.008	-1.231	-0.002	0.002	-0.000	0.002	+	
D1-2224.3	-578.626	28.877	-1.222	-578.627	28.879	-1.217	-0.000	0.002	0.005	0.006	+	
D1-2224.4	-578.629	29.076	-0.598	-578.630	29.077	-0.595	-0.001	0.001	0.003	0.003	+	
D1-2224.5	-578.633	29.073	0.361	-578.634	29.074	0.363	-0.001	0.001	0.003	0.003	+	
D1-2224.6	-578.626	28.692	1.307	-578.627	28.693	1.310	-0.001	0.001	0.003	0.003	+	
D1-2224.7	-578.586	26.448	2.485	-578.587	26.449	2.488	-0.001	0.001	0.003	0.003	+	
D1-2224.8	-578.551	24.401	1.390	-578.552	24.401	1.393	-0.001	0.001	0.003	0.003	+	
D1-2224.9	-578.551	24.142	-1.218	-578.552	24.143	-1.215	-0.001	0.001	0.003	0.003	+	
D1-2233.3	-569.632	29.038	-1.210	-569.633	29.039	-1.208	-0.001	0.001	0.002	0.003	+	
D1-2233.4	-569.637	29.234	-0.601	-569.637	29.235	-0.599	-0.001	0.001	0.002	0.003	+	
D1-2233.5	-569.632	29.235	0.372	-569.633	29.236	0.375	-0.001	0.001	0.002	0.003	+	
D1-2233.6	-569.626	28.855	1.305	-569.627	28.856	1.308	-0.001	0.001	0.003	0.003	+	
D1-2233.7	-569.587	26.539	2.480	-569.588	26.540	2.483	-0.001	0.001	0.003	0.003	+	
D1-2233.8	-569.548	24.567	1.413	-569.549	24.568	1.416	-0.001	0.001	0.003	0.003	+	
D1-2233.9	-569.549	24.295	-1.210	-569.550	24.296	-1.208	-0.001	0.001	0.002	0.003	+	
D1-2242.3	-560.628	29.184	-1.210	-560.630	29.186	-1.207	-0.002	0.002	0.003	0.004	+	
D1-2242.4	-560.633	29.380	-0.603	-560.634	29.381	-0.601	-0.001	0.001	0.002	0.003	+	
D1-2242.5	-560.631	29.379	0.376	-560.632	29.380	0.378	-0.001	0.001	0.002	0.003	+	
D1-2242.6	-560.631	28.998	1.313	-560.632	28.999	1.315	-0.001	0.001	0.002	0.003	+	
D1-2242.7	-560.589	26.674	2.487	-560.590	26.675	2.490	-0.001	0.001	0.002	0.003	+	
D1-2242.8	-560.554	24.712	1.416	-560.555	24.713	1.419	-0.001	0.001	0.002	0.003	+	
D1-2242.9	-560.550	24.452	-1.219	-560.551	24.453	-1.217	-0.001	0.001	0.002	0.003	+	
D1-2251.4	-551.635	29.532	-0.613	-551.636	29.533	-0.611	-0.001	0.001	0.002	0.003	+	
D1-2251.5	-551.637	29.530	0.356	-551.638	29.531	0.358	-0.001	0.001	0.002	0.003	+	
D1-2251.6	-551.631	29.146	1.306	-551.632	29.147	1.308	-0.001	0.001	0.002	0.003	+	
D1-2251.7	-551.590	26.833	2.467	-551.591	26.834	2.469	-0.001	0.001	0.002	0.003	+	
D1-2251.8	-551.555	24.849	1.385	-551.556	24.850	1.387	-0.001	0.001	0.002	0.003	+	
D1-2251.9	-551.551	24.595	-1.220	-551.552	24.596	-1.218	-0.001	0.001	0.002	0.002	+	
D1-2260.3	-542.637	29.480	-1.226	-542.638	29.481	-1.223	-0.001	0.001	0.002	0.003	+	
D1-2260.4	-542.641	29.678	-0.615	-542.642	29.679	-0.613	-0.001	0.001	0.002	0.002	+	
D1-2260.5	-542.641	29.678	0.357	-542.641	29.680	0.359	-0.001	0.001	0.002	0.002	+	
D1-2260.6	-542.635	29.299	1.300	-542.636	29.300	1.302	-0.001	0.001	0.002	0.002	+	
D1-2260.7	-542.592	26.971	2.475	-542.592	26.972	2.477	-0.001	0.001	0.002	0.003	+	
D1-2260.8	-542.550	25.008	1.395	-542.551	25.009	1.397	-0.001	0.001	0.002	0.002	+	
D1-2260.9	-542.552	24.750	-1.233	-542.552	24.751	-1.231	-0.001	0.001	0.002	0.002	+	
D1-2269.3	-533.638	29.631	-1.221	-533.639	29.632	-1.219	-0.001	0.001	0.002	0.002	+	
D1-2269.4	-533.641	29.827	-0.606	-533.642	29.828	-0.605	-0.001	0.001	0.002	0.002	+	
D1-2269.5	-533.641	29.825	0.361	-533.642	29.826	0.363	-0.001	0.001	0.002	0.002	+	
D1-2269.6	-533.639	29.438	1.310	-533.640	29.439	1.312	-0.001	0.001	0.002	0.002	+	
D1-2269.7	-533.595	27.128	2.487	-533.595	27.129	2.489	-0.001	0.001	0.002	0.002	+	
D1-2269.8	-533.550	25.156	1.402	-533.551	25.157	1.404	-0.001	0.001	0.002	0.002	+	
D1-2269.9	-533.557	24.901	-1.220	-533.558	24.901	-1.216	-0.002	-0.000	0.004	0.004	+	
D1-2278.3	-524.642	29.792	-1.209	-524.643	29.793	-1.206	-0.001	0.001	0.003	0.003	+	
D1-2278.4	-524.643	29.981	-0.613	-524.643	29.982	-0.611	-0.001	0.001	0.002	0.002	+	
D1-2278.5	-524.641	29.978	0.366	-524.642	29.979	0.367	-0.001	0.001	0.002	0.002	+	
D1-2278.6	-524.635	29.598	1.306	-524.635	29.599	1.308	-0.001	0.001	0.002	0.002	+	
D1-2278.7	-524.600	27.280	2.485	-524.600	27.281	2.487	-0.001	0.001	0.002	0.002	+	
D1-2278.8	-524.559	25.294	1.391	-524.560	25.295	1.392	-0.001	0.001	0.002	0.002	+	
D1-2278.9	-524.559	25.050	-1.213	-524.559	25.051	-1.212	-0.001	0.001	0.002	0.002	+	
D1-2287.3	-515.641	29.936	-1.222	-515.642	29.937	-1.221	-0.001	0.001	0.002	0.002	+	
D1-2287.4	-515.648	30.135	-0.610	-515.649	30.136	-0.608	-0.001	0.001	0.002	0.002	+	
D1-2287.5	-515.645	30.137	0.368	-515.646	30.138	0.369	-0.001	0.001	0.002	0.002	+	
D1-2287.6	-515.640	29.760	1.305	-515.641	29.761	1.307	-0.001	0.001	0.002	0.002	+	
D1-2287.7	-515.602	27.463	2.486	-515.602	27.464	2.487	-0.001	0.001	0.002	0.002	+	
D1-2287.8	-515.561	25.345	1.215	-515.562	25.346	1.217	-0.001	0.001	0.002	0.002	+	
D1-2287.9	-515.557	25.209	-1.222	-515.557	25.210	-1.220	-0.001	0.001	0.002	0.002	+	
D1-2296.3	-506.643	30.093	-1.216	-506.643	30.094	-1.215	-0.001	0.001	0.002	0.002	+	
D1-2296.4	-506.643	30.293	-0.608	-506.643	30.294	-0.606	-0.001	0.001	0.001	0.002	+	
D1-2296.5	-506.642	30.297	0.367	-506.643	30.298	0.369	-0.001	0.001	0.002	0.002	+	

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta				Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)			
D1-2296.6	-506.635	29.922	1.308	-506.635	29.923	1.310	-0.001	0.001	0.002	0.002	+	
D1-2296.7	-506.591	27.560	2.492	-506.591	27.561	2.494	-0.001	0.001	0.002	0.002	+	
D1-2296.8	-506.562	25.608	1.394	-506.562	25.609	1.396	-0.001	0.001	0.002	0.002	+	
D1-2296.9	-506.569	25.370	-1.219	-506.569	25.371	-1.217	-0.001	0.001	0.002	0.002	+	
D1-2305.3	-497.647	30.251	-1.208	-497.647	30.252	-1.207	-0.001	0.001	0.002	0.002	+	
D1-2305.4	-497.651	30.443	-0.603	-497.652	30.444	-0.602	-0.001	0.001	0.002	0.002	+	
D1-2305.5	-497.651	30.439	0.372	-497.651	30.441	0.374	-0.001	0.001	0.002	0.002	+	
D1-2305.6	-497.639	30.057	1.313	-497.640	30.058	1.314	-0.000	0.001	0.002	0.002	+	
D1-2305.7	-497.591	27.723	2.482	-497.592	27.724	2.483	-0.000	0.001	0.002	0.002	+	
D1-2305.8	-497.560	25.758	1.383	-497.560	25.759	1.384	-0.000	0.001	0.002	0.002	+	
D1-2305.9	-497.564	25.515	-1.218	-497.565	25.516	-1.217	-0.001	0.001	0.001	0.002	+	
D1-2314.3	-488.646	30.404	-1.213	-488.647	30.405	-1.212	-0.000	0.001	0.001	0.002	+	
D1-2314.4	-488.652	30.599	-0.595	-488.653	30.600	-0.593	-0.000	0.001	0.001	0.002	+	
D1-2314.5	-488.649	30.588	0.379	-488.649	30.590	0.380	-0.000	0.001	0.001	0.002	+	
D1-2314.6	-488.646	30.207	1.314	-488.646	30.209	1.316	-0.000	0.001	0.001	0.002	+	
D1-2314.7	-488.600	27.860	2.481	-488.600	27.861	2.483	-0.000	0.001	0.002	0.002	+	
D1-2314.8	-488.563	25.859	1.317	-488.563	25.860	1.318	-0.000	0.001	0.001	0.002	+	
D1-2314.9	-488.558	25.662	-1.207	-488.559	25.663	-1.205	-0.000	0.001	0.001	0.002	+	
D1-2323.3	-479.652	30.571	-1.206	-479.652	30.572	-1.205	-0.000	0.001	0.001	0.002	+	
D1-2323.4	-479.655	30.762	-0.591	-479.656	30.763	-0.590	-0.000	0.001	0.001	0.002	+	
D1-2323.5	-479.656	30.749	0.371	-479.656	30.751	0.372	-0.000	0.001	0.001	0.002	+	
D1-2323.6	-479.646	30.359	1.320	-479.646	30.360	1.321	-0.000	0.001	0.001	0.002	+	
D1-2323.7	-479.603	28.035	2.468	-479.603	28.037	2.469	-0.000	0.001	0.001	0.002	+	
D1-2323.8	-479.563	26.023	1.316	-479.563	26.024	1.318	-0.000	0.001	0.001	0.002	+	
D1-2323.9	-479.557	25.816	-1.208	-479.558	25.817	-1.207	-0.000	0.001	0.001	0.002	+	
D1-2332.3	-470.654	30.723	-1.207	-470.654	30.724	-1.207	0.001	0.001	-0.000	0.001	+	
D1-2332.4	-470.658	30.912	-0.595	-470.659	30.913	-0.594	-0.000	0.001	0.001	0.002	+	
D1-2332.5	-470.657	30.897	0.387	-470.658	30.899	0.388	-0.000	0.001	0.001	0.002	+	
D1-2332.6	-470.653	30.509	1.314	-470.653	30.510	1.315	-0.000	0.001	0.001	0.002	+	
D1-2332.7	-470.611	28.181	2.463	-470.611	28.182	2.464	-0.000	0.001	0.001	0.002	+	
D1-2332.8	-470.566	26.229	1.388	-470.566	26.230	1.389	-0.000	0.001	0.001	0.002	+	
D1-2332.9	-470.563	25.959	-1.199	-470.563	25.961	-1.198	-0.000	0.001	0.001	0.002	+	
D1-2341.3	-461.653	30.892	-1.214	-461.653	30.894	-1.213	-0.000	0.001	0.001	0.002	+	
D1-2341.4	-461.654	31.080	-0.609	-461.654	31.081	-0.608	-0.000	0.001	0.001	0.002	+	
D1-2341.5	-461.651	31.069	0.369	-461.652	31.070	0.369	-0.000	0.001	0.001	0.002	+	
D1-2341.6	-461.644	30.676	1.305	-461.644	30.677	1.306	-0.000	0.001	0.001	0.002	+	
D1-2341.7	-461.604	28.327	2.454	-461.604	28.328	2.454	-0.000	0.001	0.001	0.002	+	
D1-2341.8	-461.569	26.387	1.364	-461.569	26.389	1.364	-0.000	0.001	0.001	0.002	+	
D1-2341.9	-461.571	26.122	-1.192	-461.571	26.123	-1.191	-0.000	0.001	0.001	0.002	+	
D1-2350.3	-452.640	31.030	-1.207	-452.640	31.031	-1.207	-0.000	0.001	0.000	0.002	+	
D1-2350.4	-452.648	31.217	-0.596	-452.649	31.219	-0.595	-0.000	0.001	0.000	0.002	+	
D1-2350.5	-452.653	31.202	0.384	-452.653	31.203	0.384	-0.000	0.001	0.000	0.002	+	
D1-2350.6	-452.650	30.809	1.318	-452.650	30.810	1.318	-0.000	0.001	0.000	0.002	+	
D1-2350.7	-452.618	28.507	2.460	-452.619	28.509	2.461	-0.000	0.001	0.001	0.002	+	
D1-2350.8	-452.585	26.552	1.408	-452.585	26.554	1.408	-0.000	0.001	0.001	0.002	+	
D1-2350.9	-452.572	26.261	-1.199	-452.572	26.262	-1.198	-0.000	0.001	0.000	0.001	+	
D1-2359.3	-443.658	31.189	-1.189	-443.658	31.191	-1.188	-0.000	0.001	0.000	0.001	+	
D1-2359.4	-443.661	31.372	-0.589	-443.661	31.374	-0.588	-0.000	0.002	0.000	0.002	+	
D1-2359.5	-443.658	31.361	0.374	-443.658	31.363	0.374	-0.000	0.002	0.000	0.002	+	
D1-2359.6	-443.650	30.971	1.317	-443.651	30.973	1.317	-0.000	0.002	0.000	0.002	+	
D1-2359.7	-443.608	28.658	2.482	-443.608	28.659	2.483	-0.000	0.001	0.000	0.001	+	
D1-2359.8	-443.573	26.705	1.411	-443.573	26.706	1.411	-0.000	0.001	0.000	0.001	+	
D1-2359.9	-443.575	26.442	-1.229	-443.575	26.443	-1.229	-0.000	0.001	0.000	0.001	+	
D1-2368.3	-434.657	31.331	-1.211	-434.657	31.333	-1.211	-0.000	0.001	-0.000	0.002	+	
D1-2368.4	-434.661	31.519	-0.602	-434.662	31.520	-0.602	-0.000	0.002	0.000	0.002	+	
D1-2368.5	-434.662	31.507	0.370	-434.662	31.509	0.370	-0.000	0.002	0.000	0.002	+	
D1-2368.6	-434.654	31.124	1.304	-434.655	31.126	1.304	-0.000	0.002	0.000	0.002	+	
D1-2368.7	-434.606	28.801	2.471	-434.606	28.803	2.471	-0.000	0.001	0.000	0.002	+	
D1-2368.8	-434.572	26.876	1.425	-434.573	26.877	1.425	-0.000	0.001	0.000	0.002	+	
D1-2368.9	-434.574	26.588	-1.220	-434.574	26.589	-1.220	-0.000	0.001	-0.000	0.002	+	
D1-2377.4	-425.666	31.676	-0.602	-425.667	31.677	-0.602	-0.000	0.002	-0.000	0.002	+	

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta				
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)	Mag (m)	
D1-2377.5	-425.667	31.664	0.371	-425.667	31.665	0.371	-0.000	0.002	-0.000	0.002	+
D1-2377.6	-425.656	31.271	1.307	-425.656	31.273	1.307	-0.000	0.002	-0.000	0.002	+
D1-2377.7	-425.611	29.075	2.464	-425.611	29.077	2.464	-0.000	0.001	-0.000	0.002	+
D1-2377.8	-425.575	27.021	1.424	-425.576	27.022	1.424	-0.000	0.001	-0.000	0.001	+
D1-2377.9	-425.575	26.733	-1.213	-425.575	26.735	-1.213	-0.000	0.001	-0.000	0.001	+
D1-2386.3	-416.657	31.651	-1.200	-416.658	31.653	-1.200	-0.000	0.002	-0.000	0.002	+
D1-2386.4	-416.661	31.833	-0.599	-416.661	31.835	-0.599	-0.000	0.002	-0.000	0.002	+
D1-2386.5	-416.662	31.819	0.371	-416.662	31.820	0.370	-0.000	0.002	-0.000	0.002	+
D1-2386.6	-416.655	31.424	1.316	-416.655	31.426	1.316	-0.000	0.002	-0.000	0.002	+
D1-2386.7	-416.618	29.094	2.456	-416.618	29.095	2.456	-0.000	0.002	-0.000	0.002	+
D1-2386.8	-416.585	27.175	1.421	-416.586	27.176	1.421	-0.000	0.002	-0.000	0.002	+
D1-2386.9	-416.581	26.881	-1.209	-416.581	26.883	-1.209	-0.000	0.001	-0.000	0.002	+
D1-2395.4	-407.663	31.981	-0.604	-407.664	31.982	-0.605	-0.000	0.002	-0.000	0.002	+
D1-2395.5	-407.663	31.972	0.371	-407.663	31.974	0.370	-0.000	0.002	-0.000	0.002	+
D1-2395.6	-407.660	31.581	1.310	-407.660	31.583	1.310	-0.000	0.002	-0.000	0.002	+
D1-2395.7	-407.622	29.213	2.467	-407.623	29.214	2.467	-0.000	0.002	-0.000	0.002	+
D1-2395.8	-407.584	27.336	1.451	-407.584	27.338	1.450	-0.000	0.002	-0.000	0.002	+
D1-2395.9	-407.584	27.039	-1.208	-407.584	27.040	-1.208	-0.000	0.002	-0.000	0.002	+
D1-2404.3	-398.669	31.939	-1.188	-398.669	31.940	-1.188	-0.000	0.002	-0.001	0.002	+
D1-2404.4	-398.670	32.124	-0.598	-398.670	32.126	-0.598	-0.000	0.002	-0.001	0.002	+
D1-2404.5	-398.667	32.120	0.378	-398.667	32.122	0.378	-0.000	0.002	-0.001	0.002	+
D1-2404.6	-398.660	31.737	1.315	-398.660	31.739	1.314	-0.000	0.002	-0.001	0.002	+
D1-2404.7	-398.615	29.373	2.475	-398.615	29.375	2.474	-0.000	0.002	-0.000	0.002	+
D1-2404.8	-398.583	27.490	1.447	-398.583	27.492	1.446	-0.000	0.002	-0.000	0.002	+
D1-2404.9	-398.585	27.181	-1.203	-398.586	27.183	-1.203	-0.000	0.002	-0.000	0.002	+
D1-2413.3	-389.665	32.080	-1.216	-389.665	32.082	-1.217	-0.000	0.002	-0.001	0.002	+
D1-2413.4	-389.669	32.278	-0.602	-389.669	32.280	-0.602	-0.000	0.002	-0.001	0.002	+
D1-2413.5	-389.668	32.276	0.362	-389.668	32.278	0.361	-0.000	0.002	-0.001	0.002	+
D1-2413.6	-389.668	31.897	1.308	-389.669	31.899	1.307	-0.000	0.002	-0.001	0.002	+
D1-2413.7	-389.624	29.481	2.482	-389.625	29.483	2.482	-0.000	0.002	-0.001	0.002	+
D1-2413.8	-389.590	27.531	1.318	-389.591	27.532	1.317	-0.000	0.002	-0.001	0.002	+
D1-2413.9	-389.579	27.340	-1.200	-389.580	27.342	-1.201	-0.000	0.002	-0.001	0.002	+
D1-2422.3	-380.676	32.229	-1.208	-380.676	32.231	-1.209	-0.000	0.002	-0.001	0.002	+
D1-2422.4	-380.679	32.423	-0.605	-380.680	32.425	-0.606	-0.000	0.002	-0.001	0.002	+
D1-2422.5	-380.679	32.425	0.371	-380.679	32.427	0.370	-0.000	0.002	-0.001	0.002	+
D1-2422.6	-380.670	32.044	1.314	-380.670	32.046	1.313	-0.000	0.002	-0.001	0.002	+
D1-2422.7	-380.620	29.639	2.487	-380.621	29.641	2.487	-0.000	0.002	-0.001	0.002	+
D1-2422.8	-380.584	27.763	1.425	-380.584	27.765	1.425	-0.000	0.002	-0.001	0.002	+
D1-2422.9	-380.583	27.495	-1.205	-380.584	27.497	-1.206	-0.000	0.002	-0.001	0.002	+
D1-2431.3	-371.684	32.403	-1.214	-371.684	32.403	-1.219	0.000	0.000	-0.005	0.005	+
D1-2431.4	-371.688	32.597	-0.611	-371.689	32.599	-0.612	-0.000	0.002	-0.001	0.002	+
D1-2431.5	-371.686	32.600	0.354	-371.687	32.602	0.353	-0.000	0.002	-0.001	0.002	+
D1-2431.6	-371.673	32.218	1.307	-371.674	32.220	1.306	-0.000	0.002	-0.001	0.002	+
D1-2431.7	-371.625	29.852	2.476	-371.625	29.854	2.475	-0.000	0.002	-0.001	0.002	+
D1-2431.8	-371.582	27.948	1.439	-371.582	27.950	1.438	-0.000	0.002	-0.001	0.002	+
D1-2431.9	-371.588	27.663	-1.214	-371.589	27.665	-1.214	-0.000	0.002	-0.001	0.002	+
D1-2440.3	-362.676	32.576	-1.202	-362.676	32.578	-1.202	-0.000	0.002	-0.001	0.002	+
D1-2440.4	-362.681	32.767	-0.599	-362.681	32.769	-0.600	-0.000	0.002	-0.001	0.002	+
D1-2440.5	-362.679	32.764	0.365	-362.679	32.767	0.364	-0.000	0.002	-0.001	0.002	+
D1-2440.6	-362.667	32.386	1.300	-362.667	32.388	1.299	-0.000	0.002	-0.001	0.002	+
D1-2440.7	-362.628	30.033	2.480	-362.628	30.035	2.479	-0.000	0.002	-0.001	0.002	+
D1-2440.8	-362.599	28.129	1.451	-362.599	28.131	1.450	-0.000	0.002	-0.001	0.002	+
D1-2440.9	-362.596	27.825	-1.212	-362.597	27.827	-1.213	-0.000	0.002	-0.001	0.002	+
D1-2449.3	-353.674	32.703	-1.206	-353.674	32.706	-1.207	-0.000	0.003	-0.001	0.003	+
D1-2449.4	-353.678	32.898	-0.595	-353.678	32.900	-0.596	-0.000	0.002	-0.001	0.003	+
D1-2449.5	-353.676	32.896	0.372	-353.676	32.899	0.371	-0.000	0.002	-0.001	0.003	+
D1-2449.6	-353.670	32.510	1.318	-353.670	32.512	1.317	-0.000	0.002	-0.001	0.003	+
D1-2449.7	-353.636	30.174	2.485	-353.636	30.176	2.484	-0.000	0.002	-0.001	0.002	+
D1-2449.8	-353.612	28.398	1.632	-353.612	28.401	1.631	-0.000	0.002	-0.001	0.002	+
D1-2449.9	-353.600	27.957	-1.208	-353.600	27.959	-1.209	-0.000	0.002	-0.001	0.002	+
D1-2458.3	-344.690	32.828	-1.211	-344.689	32.829	-1.215	0.001	0.001	-0.005	0.005	+

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta				Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)			
D1-2458.4	-344.692	33.027	-0.599	-344.693	33.029	-0.600	-0.000	0.002	-0.001	0.003	+	
D1-2458.5	-344.691	33.030	0.361	-344.691	33.032	0.360	-0.000	0.002	-0.001	0.003	+	
D1-2458.6	-344.684	32.651	1.306	-344.685	32.654	1.305	-0.000	0.002	-0.001	0.003	+	
D1-2458.7	-344.633	30.424	2.501	-344.633	30.426	2.500	-0.000	0.002	-0.001	0.003	+	
D1-2458.8	-344.588	28.379	1.453	-344.589	28.381	1.452	-0.000	0.002	-0.001	0.003	+	
D1-2458.9	-344.591	28.096	-1.209	-344.591	28.098	-1.210	-0.000	0.002	-0.001	0.003	+	
D1-2467.3	-335.690	33.009	-1.206	-335.690	33.011	-1.208	-0.000	0.002	-0.001	0.003	+	
D1-2467.4	-335.687	33.201	-0.598	-335.687	33.204	-0.600	-0.000	0.002	-0.001	0.003	+	
D1-2467.5	-335.679	33.197	0.380	-335.679	33.199	0.379	-0.000	0.002	-0.001	0.003	+	
D1-2467.6	-335.676	32.809	1.328	-335.676	32.811	1.327	-0.000	0.002	-0.001	0.003	+	
D1-2467.7	-335.630	30.504	2.483	-335.630	30.506	2.482	-0.000	0.002	-0.001	0.003	+	
D1-2467.8	-335.596	28.469	1.317	-335.596	28.472	1.316	-0.000	0.002	-0.001	0.003	+	
D1-2467.9	-335.597	28.228	-1.126	-335.597	28.231	-1.127	-0.000	0.002	-0.001	0.003	+	
D1-2476.3	-326.681	33.174	-1.206	-326.681	33.177	-1.208	-0.000	0.002	-0.002	0.003	+	
D1-2476.4	-326.680	33.364	-0.593	-326.680	33.367	-0.595	-0.000	0.003	-0.001	0.003	+	
D1-2476.5	-326.681	33.353	0.376	-326.681	33.355	0.374	-0.000	0.002	-0.001	0.003	+	
D1-2476.6	-326.676	32.956	1.318	-326.676	32.958	1.317	-0.000	0.003	-0.001	0.003	+	
D1-2476.7	-326.641	30.776	2.470	-326.642	30.778	2.469	-0.000	0.003	-0.001	0.003	+	
D1-2476.8	-326.604	28.721	1.446	-326.604	28.723	1.445	-0.000	0.003	-0.001	0.003	+	
D1-2476.9	-326.610	28.416	-1.215	-326.610	28.418	-1.216	-0.000	0.003	-0.001	0.003	+	
D1-2485.3	-317.675	33.293	-1.207	-317.676	33.296	-1.208	-0.001	0.003	-0.002	0.003	+	
D1-2485.4	-317.679	33.485	-0.607	-317.679	33.488	-0.609	-0.001	0.003	-0.002	0.003	+	
D1-2485.5	-317.681	33.484	0.368	-317.681	33.486	0.366	-0.000	0.003	-0.002	0.003	+	
D1-2485.6	-317.682	33.106	1.306	-317.683	33.108	1.304	-0.000	0.003	-0.002	0.003	+	
D1-2485.7	-317.651	30.742	2.477	-317.651	30.744	2.476	-0.000	0.003	-0.001	0.003	+	
D1-2485.8	-317.617	28.839	1.438	-317.617	28.842	1.437	-0.000	0.003	-0.002	0.003	+	
D1-2485.9	-317.609	28.546	-1.218	-317.610	28.548	-1.219	-0.001	0.003	-0.002	0.003	+	
D1-2494.3	-308.688	33.418	-1.227	-308.689	33.421	-1.229	-0.000	0.003	-0.002	0.003	+	
D1-2494.4	-308.693	33.618	-0.617	-308.694	33.620	-0.619	-0.000	0.003	-0.002	0.003	+	
D1-2494.5	-308.693	33.624	0.347	-308.693	33.626	0.345	-0.000	0.003	-0.002	0.003	+	
D1-2494.6	-308.686	33.249	1.303	-308.686	33.252	1.302	-0.000	0.003	-0.002	0.003	+	
D1-2494.7	-308.649	31.199	2.486	-308.649	31.202	2.484	-0.000	0.003	-0.002	0.003	+	
D1-2494.8	-308.596	29.002	1.458	-308.596	29.005	1.456	-0.000	0.003	-0.002	0.003	+	
D1-2494.9	-308.598	28.689	-1.221	-308.599	28.692	-1.223	-0.000	0.003	-0.002	0.003	+	
D1-2503.3	-299.692	33.582	-1.206	-299.693	33.584	-1.208	-0.000	0.003	-0.003	0.004	+	
D1-2503.4	-299.696	33.772	-0.607	-299.696	33.775	-0.609	-0.000	0.003	-0.002	0.004	+	
D1-2503.5	-299.696	33.769	0.373	-299.696	33.772	0.371	-0.000	0.003	-0.002	0.004	+	
D1-2503.6	-299.691	33.388	1.317	-299.691	33.391	1.315	-0.000	0.003	-0.002	0.004	+	
D1-2503.7	-299.650	31.227	2.494	-299.650	31.230	2.491	-0.000	0.003	-0.002	0.004	+	
D1-2503.8	-299.609	29.125	1.431	-299.609	29.128	1.429	-0.000	0.003	-0.002	0.004	+	
D1-2503.9	-299.606	28.844	-1.216	-299.606	28.847	-1.218	-0.000	0.003	-0.002	0.004	+	
D1-2512.3	-290.698	33.738	-1.206	-290.698	33.741	-1.209	-0.000	0.003	-0.003	0.004	+	
D1-2512.4	-290.701	33.927	-0.614	-290.701	33.930	-0.616	-0.000	0.003	-0.003	0.004	+	
D1-2512.5	-290.700	33.927	0.359	-290.700	33.930	0.356	-0.000	0.003	-0.003	0.004	+	
D1-2512.6	-290.693	33.549	1.311	-290.693	33.552	1.309	-0.000	0.003	-0.003	0.004	+	
D1-2512.7	-290.648	31.336	2.504	-290.648	31.339	2.502	-0.000	0.003	-0.003	0.004	+	
D1-2512.8	-290.609	29.306	1.463	-290.609	29.309	1.461	-0.000	0.003	-0.003	0.004	+	
D1-2512.9	-290.605	29.012	-1.220	-290.606	29.015	-1.223	-0.000	0.003	-0.003	0.004	+	
D1-2521.3	-281.698	33.892	-1.213	-281.699	33.895	-1.216	-0.001	0.003	-0.003	0.004	+	
D1-2521.4	-281.702	34.086	-0.614	-281.702	34.089	-0.617	-0.000	0.003	-0.003	0.004	+	
D1-2521.5	-281.703	34.087	0.369	-281.703	34.090	0.367	-0.000	0.003	-0.003	0.004	+	
D1-2521.6	-281.698	33.706	1.315	-281.699	33.709	1.312	-0.000	0.003	-0.003	0.004	+	
D1-2521.7	-281.655	31.523	2.488	-281.656	31.526	2.485	-0.000	0.003	-0.003	0.004	+	
D1-2521.8	-281.600	29.465	1.475	-281.600	29.468	1.472	-0.000	0.003	-0.003	0.004	+	
D1-2521.9	-281.607	29.153	-1.208	-281.607	29.156	-1.211	-0.000	0.003	-0.003	0.004	+	
D1-2530.3	-272.696	34.059	-1.213	-272.697	34.062	-1.216	-0.000	0.003	-0.003	0.005	+	
D1-2530.4	-272.703	34.257	-0.605	-272.703	34.261	-0.608	-0.000	0.003	-0.003	0.005	+	
D1-2530.5	-272.706	34.260	0.377	-272.706	34.263	0.374	-0.000	0.003	-0.003	0.005	+	
D1-2530.6	-272.700	33.887	1.312	-272.700	33.890	1.309	-0.000	0.003	-0.003	0.005	+	
D1-2530.7	-272.663	31.678	2.499	-272.663	31.682	2.496	-0.000	0.003	-0.003	0.004	+	
D1-2530.8	-272.618	29.637	1.492	-272.619	29.640	1.489	-0.000	0.003	-0.003	0.004	+	

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta				Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)			
D1-2530.9	-272.611	29.333	-1.216	-272.611	29.336	-1.219	-0.000	0.003	-0.003	0.004	+	
D1-2539.3	-263.706	34.210	-1.212	-263.706	34.214	-1.215	-0.000	0.003	-0.003	0.005	+	
D1-2539.4	-263.710	34.415	-0.599	-263.710	34.418	-0.602	-0.000	0.004	-0.003	0.005	+	
D1-2539.5	-263.704	34.423	0.376	-263.704	34.427	0.372	-0.000	0.003	-0.003	0.005	+	
D1-2539.6	-263.688	34.055	1.304	-263.688	34.059	1.301	-0.000	0.003	-0.003	0.005	+	
D1-2539.7	-263.640	31.811	2.505	-263.640	31.815	2.502	-0.000	0.003	-0.003	0.005	+	
D1-2539.8	-263.616	29.775	1.478	-263.616	29.779	1.474	-0.000	0.003	-0.003	0.005	+	
D1-2539.9	-263.622	29.465	-1.171	-263.622	29.468	-1.174	-0.000	0.003	-0.003	0.005	+	
D1-2548.3	-254.698	34.387	-1.203	-254.698	34.390	-1.206	-0.000	0.004	-0.003	0.005	+	
D1-2548.4	-254.699	34.581	-0.592	-254.699	34.585	-0.596	-0.000	0.004	-0.003	0.005	+	
D1-2548.5	-254.688	34.577	0.378	-254.688	34.581	0.374	-0.000	0.004	-0.003	0.005	+	
D1-2548.6	-254.683	34.198	1.318	-254.683	34.202	1.314	-0.000	0.004	-0.003	0.005	+	
D1-2548.7	-254.646	31.985	2.493	-254.646	31.989	2.489	-0.000	0.004	-0.003	0.005	+	
D1-2548.8	-254.624	29.837	1.317	-254.624	29.840	1.313	-0.000	0.004	-0.003	0.005	+	
D1-2548.9	-254.638	29.615	-1.128	-254.638	29.618	-1.131	-0.000	0.003	-0.003	0.005	+	
D1-2557.3	-245.665	34.431	-1.210	-245.666	34.435	-1.213	-0.001	0.004	-0.003	0.005	+	
D1-2557.4	-245.663	34.629	-0.593	-245.664	34.633	-0.596	-0.001	0.004	-0.003	0.005	+	
D1-2557.5	-245.655	34.625	0.378	-245.656	34.629	0.375	-0.001	0.004	-0.004	0.005	+	
D1-2557.6	-245.652	34.224	1.355	-245.653	34.228	1.351	-0.001	0.004	-0.004	0.005	+	
D1-2557.7	-245.648	31.994	2.506	-245.648	31.998	2.502	-0.001	0.004	-0.004	0.005	+	
D1-2557.8	-245.655	29.950	1.424	-245.655	29.954	1.421	-0.001	0.004	-0.003	0.005	+	
D1-2557.9	-245.672	29.675	-1.128	-245.673	29.679	-1.131	-0.001	0.004	-0.003	0.005	+	
D1-2566.3	-236.645	34.378	-1.207	-236.645	34.382	-1.211	-0.001	0.004	-0.004	0.005	+	
D1-2566.4	-236.640	34.573	-0.592	-236.641	34.577	-0.595	-0.001	0.004	-0.004	0.005	+	
D1-2566.5	-236.632	34.566	0.386	-236.633	34.570	0.383	-0.001	0.004	-0.004	0.005	+	
D1-2566.6	-236.632	34.181	1.325	-236.632	34.185	1.321	-0.001	0.004	-0.004	0.005	+	
D1-2566.7	-236.652	31.929	2.498	-236.652	31.933	2.494	-0.000	0.004	-0.004	0.005	+	
D1-2566.8	-236.674	29.729	1.153	-236.675	29.733	1.149	-0.000	0.004	-0.004	0.005	+	
D1-2566.9	-236.689	29.760	-1.429	-236.690	29.764	-1.432	-0.001	0.004	-0.004	0.005	+	
D1-2575.3	-227.620	34.247	-1.196	-227.621	34.251	-1.200	-0.001	0.004	-0.004	0.006	+	
D1-2575.4	-227.612	34.435	-0.586	-227.613	34.439	-0.589	-0.001	0.004	-0.004	0.006	+	
D1-2575.5	-227.605	34.421	0.394	-227.606	34.425	0.390	-0.001	0.004	-0.004	0.006	+	
D1-2575.6	-227.613	34.022	1.342	-227.614	34.026	1.338	-0.000	0.004	-0.004	0.006	+	
D1-2575.7	-227.656	31.819	2.473	-227.656	31.823	2.469	-0.000	0.004	-0.004	0.006	+	
D1-2575.8	-227.691	29.816	1.455	-227.691	29.820	1.451	-0.000	0.004	-0.004	0.005	+	
D1-2575.9	-227.721	29.475	-1.194	-227.721	29.479	-1.198	-0.000	0.004	-0.004	0.005	+	
D1-2584.3	-218.621	34.050	-1.204	-218.621	34.055	-1.208	-0.000	0.004	-0.004	0.006	+	
D1-2584.4	-218.618	34.242	-0.589	-218.618	34.247	-0.593	-0.000	0.004	-0.004	0.006	+	
D1-2584.5	-218.616	34.233	0.382	-218.616	34.238	0.378	-0.000	0.004	-0.004	0.006	+	
D1-2584.6	-218.627	33.783	1.407	-218.628	33.788	1.403	-0.000	0.004	-0.004	0.006	+	
D1-2584.7	-218.675	31.618	2.479	-218.676	31.622	2.475	-0.000	0.004	-0.004	0.006	+	
D1-2584.8	-218.710	29.602	1.441	-218.710	29.606	1.437	-0.000	0.004	-0.004	0.006	+	
D1-2584.9	-218.717	29.289	-1.197	-218.718	29.293	-1.201	-0.000	0.004	-0.004	0.006	+	
D1-2593.3	-209.609	33.842	-1.191	-209.610	33.846	-1.195	-0.001	0.004	-0.004	0.006	+	
D1-2593.4	-209.603	34.034	-0.580	-209.603	34.039	-0.585	-0.001	0.004	-0.004	0.006	+	
D1-2593.5	-209.599	34.027	0.399	-209.600	34.031	0.395	-0.001	0.004	-0.004	0.006	+	
D1-2593.6	-209.607	33.595	1.398	-209.608	33.599	1.394	-0.001	0.004	-0.004	0.006	+	
D1-2593.7	-209.663	31.436	2.493	-209.663	31.440	2.489	-0.001	0.004	-0.004	0.006	+	
D1-2593.8	-209.721	29.393	1.478	-209.721	29.397	1.474	-0.000	0.004	-0.004	0.006	+	
D1-2593.9	-209.733	29.104	-1.213	-209.733	29.108	-1.217	-0.001	0.004	-0.004	0.006	+	
D1-2602.3	-200.621	33.628	-1.186	-200.622	33.633	-1.190	-0.001	0.005	-0.005	0.007	+	
D1-2602.4	-200.614	33.815	-0.582	-200.615	33.820	-0.586	-0.001	0.005	-0.005	0.007	+	
D1-2602.5	-200.612	33.803	0.395	-200.613	33.808	0.390	-0.001	0.005	-0.005	0.006	+	
D1-2602.6	-200.620	33.406	1.342	-200.621	33.411	1.337	-0.000	0.005	-0.005	0.006	+	
D1-2602.7	-200.669	31.136	2.471	-200.670	31.141	2.466	-0.000	0.005	-0.004	0.006	+	
D1-2602.8	-200.714	29.141	1.401	-200.715	29.145	1.396	-0.001	0.005	-0.004	0.006	+	
D1-2602.9	-200.730	28.856	-1.202	-200.730	28.860	-1.207	-0.001	0.004	-0.004	0.006	+	
D1-2611.3	-191.620	33.413	-1.196	-191.621	33.418	-1.202	-0.001	0.005	-0.005	0.007	+	
D1-2611.4	-191.614	33.618	-0.506	-191.615	33.622	-0.511	-0.001	0.005	-0.005	0.007	+	
D1-2611.5	-191.617	33.581	0.460	-191.617	33.586	0.455	-0.000	0.005	-0.005	0.007	+	
D1-2611.6	-191.626	33.181	1.361	-191.626	33.186	1.356	-0.000	0.005	-0.005	0.007	+	

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta			Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)	(m)	
D1-2611.7	-191.682	30.930	2.473	-191.682	30.935	2.468	-0.000	0.005	-0.005	0.007	+
D1-2611.8	-191.727	28.920	1.378	-191.728	28.925	1.373	-0.000	0.005	-0.005	0.007	+
D1-2611.9	-191.735	28.642	-1.188	-191.735	28.647	-1.193	-0.000	0.005	-0.005	0.007	+
D1-2620.3	-182.625	33.225	-1.194	-182.625	33.230	-1.199	-0.000	0.005	-0.006	0.008	+
D1-2620.4	-182.618	33.421	-0.535	-182.619	33.426	-0.541	-0.000	0.005	-0.006	0.008	+
D1-2620.5	-182.617	33.384	0.466	-182.617	33.390	0.461	-0.000	0.005	-0.006	0.008	+
D1-2620.6	-182.622	33.008	1.327	-182.623	33.013	1.321	-0.000	0.005	-0.006	0.008	+
D1-2620.7	-182.674	30.776	2.469	-182.674	30.781	2.463	-0.000	0.005	-0.006	0.008	+
D1-2620.8	-182.723	28.731	1.395	-182.723	28.736	1.389	-0.000	0.005	-0.006	0.008	+
D1-2620.9	-182.742	28.455	-1.187	-182.743	28.460	-1.193	-0.000	0.005	-0.006	0.007	+
D1-2629.3	-173.622	33.002	-1.186	-173.622	33.007	-1.193	-0.000	0.005	-0.007	0.009	+
D1-2629.4	-173.618	33.202	-0.489	-173.619	33.207	-0.495	-0.000	0.006	-0.007	0.009	+
D1-2629.5	-173.621	33.154	0.484	-173.621	33.160	0.477	-0.000	0.005	-0.007	0.009	+
D1-2629.6	-173.634	32.788	1.319	-173.633	32.793	1.312	0.000	0.005	-0.007	0.009	+
D1-2629.7	-173.690	30.563	2.472	-173.690	30.568	2.465	0.000	0.005	-0.007	0.009	+
D1-2629.8	-173.730	28.505	1.399	-173.730	28.510	1.393	0.000	0.005	-0.007	0.009	+
D1-2629.9	-173.727	28.235	-1.186	-173.727	28.240	-1.193	-0.000	0.005	-0.007	0.008	+
D1-2636.3	-166.131	32.821	-1.184	-166.131	32.827	-1.191	-0.000	0.005	-0.007	0.009	+
D1-2636.4	-166.127	33.011	-0.577	-166.127	33.016	-0.584	0.000	0.005	-0.007	0.009	+
D1-2636.5	-166.129	32.992	0.421	-166.129	32.997	0.414	0.000	0.005	-0.007	0.009	+
D1-2636.6	-166.133	32.610	1.332	-166.133	32.615	1.325	0.000	0.005	-0.007	0.009	+
D1-2636.7	-166.177	30.466	2.487	-166.176	30.471	2.480	0.000	0.005	-0.007	0.009	+
D1-2636.8	-166.220	28.282	1.336	-166.219	28.287	1.329	0.000	0.005	-0.007	0.009	+
D1-2636.9	-166.229	28.060	-1.189	-166.229	28.066	-1.196	0.000	0.005	-0.007	0.009	+
D1-2639.2	-163.155	31.926	-2.233	-163.155	31.931	-2.240	0.000	0.005	-0.007	0.009	+
D1-2639.3	-163.132	32.592	-1.502	-163.131	32.597	-1.509	0.000	0.005	-0.007	0.009	+
D1-2639.4	-163.116	32.971	0.047	-163.115	32.976	0.040	0.001	0.005	-0.007	0.009	+
D1-2639.6	-163.237	27.804	0.313	-163.236	27.810	0.306	0.001	0.005	-0.007	0.009	+
D1-2639.7	-163.241	27.970	-1.155	-163.241	27.976	-1.162	0.001	0.005	-0.007	0.009	+
D1-2639.8	-163.233	28.507	-1.960	-163.232	28.513	-1.967	0.000	0.005	-0.007	0.009	+
D1-2639.9	-163.218	29.217	-2.480	-163.218	29.222	-2.487	0.000	0.005	-0.007	0.009	+
D6-2656.3	-147.230	31.343	-1.370	-147.230	31.348	-1.377	-0.000	0.005	-0.008	0.010	+
D6-2656.4	-147.235	31.342	-0.437	-147.235	31.347	-0.445	-0.000	0.005	-0.008	0.010	+
D6-2656.5	-147.220	31.341	0.756	-147.220	31.347	0.748	-0.000	0.005	-0.008	0.010	+
D6-2658.2	-144.930	33.812	-1.447	-144.930	33.817	-1.455	-0.000	0.005	-0.008	0.010	+
D6-2658.3	-145.197	34.015	-1.212	-145.198	34.021	-1.220	-0.000	0.005	-0.008	0.010	+
D6-2658.4	-145.192	34.012	-0.262	-145.192	34.017	-0.270	-0.000	0.005	-0.008	0.010	+
D6-2658.5	-145.224	34.009	0.792	-145.224	34.015	0.784	-0.000	0.005	-0.008	0.010	+
D6-2661.1	-142.265	33.101	-1.433	-142.266	33.106	-1.442	-0.001	0.005	-0.008	0.010	+
D6-2662.3	-140.634	35.288	-1.137	-140.635	35.294	-1.145	-0.001	0.005	-0.008	0.010	+
D6-2662.4	-140.636	35.317	-0.243	-140.637	35.322	-0.252	-0.001	0.005	-0.008	0.010	+
D6-2662.5	-140.640	35.309	1.000	-140.640	35.314	0.992	-0.001	0.005	-0.008	0.010	+
D6-2663.1	-139.474	33.295	-1.424	-139.474	33.300	-1.433	-0.001	0.005	-0.008	0.010	+
D6-2663.2	-139.450	35.044	-1.423	-139.450	35.049	-1.431	-0.001	0.005	-0.008	0.010	+
D6-2663.4	-139.484	38.730	-0.246	-139.485	38.735	-0.255	-0.001	0.005	-0.008	0.010	+
D6-2663.5	-139.463	38.732	0.960	-139.464	38.737	0.952	-0.001	0.005	-0.008	0.010	+
D6-2663.6	-139.581	31.141	0.969	-139.581	31.146	0.961	-0.000	0.005	-0.008	0.010	+
D6-2663.7	-139.555	31.147	-0.242	-139.555	31.153	-0.250	-0.001	0.005	-0.008	0.010	+
D6-2669.1	-134.155	33.768	-1.415	-134.155	33.773	-1.423	-0.001	0.005	-0.008	0.010	+
D6-2669.2	-134.156	35.917	-1.411	-134.157	35.922	-1.419	-0.001	0.005	-0.008	0.010	+
D6-2669.4	-134.393	38.617	-0.235	-134.394	38.622	-0.243	-0.001	0.005	-0.008	0.010	+
D6-2669.5	-134.390	38.616	0.962	-134.390	38.621	0.953	-0.001	0.005	-0.008	0.010	+
D6-2669.6	-134.005	31.016	0.970	-134.006	31.021	0.961	-0.001	0.005	-0.009	0.010	+
D6-2669.7	-133.967	31.020	-0.237	-133.968	31.026	-0.246	-0.001	0.005	-0.008	0.010	+
D6-2669.8	-134.000	31.026	-1.167	-134.001	31.031	-1.175	-0.001	0.005	-0.008	0.010	+
D6-2669.9	-134.066	31.847	-1.426	-134.067	31.852	-1.434	-0.001	0.005	-0.008	0.010	+
D6-2675.3	-127.915	35.756	-1.202	-127.915	35.762	-1.211	-0.001	0.005	-0.008	0.010	+
D6-2675.4	-127.917	35.952	-0.710	-127.918	35.958	-0.719	-0.001	0.005	-0.009	0.010	+
D6-2675.5	-127.919	35.974	0.372	-127.920	35.979	0.363	-0.001	0.005	-0.009	0.010	+
D6-2675.6	-127.912	35.434	1.401	-127.912	35.439	1.392	-0.001	0.005	-0.009	0.010	+
D6-2675.7	-127.883	33.490	2.113	-127.884	33.495	2.105	-0.001	0.005	-0.009	0.010	+

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta				Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)			
D6-2675.8	-127.858	31.874	1.104	-127.858	31.879	1.096	-0.001	0.005	-0.009	0.010	+	
D6-2675.9	-127.852	31.534	0.171	-127.853	31.539	0.163	-0.001	0.005	-0.009	0.010	+	
D6-2684.3	-118.913	35.896	-1.193	-118.913	35.901	-1.201	-0.001	0.005	-0.008	0.010	+	
D6-2684.4	-118.915	36.094	-0.701	-118.915	36.100	-0.710	-0.001	0.005	-0.008	0.010	+	
D6-2684.5	-118.917	36.119	0.379	-118.917	36.125	0.370	-0.001	0.005	-0.008	0.010	+	
D6-2684.6	-118.910	35.599	1.389	-118.911	35.604	1.381	-0.001	0.005	-0.008	0.010	+	
D6-2684.7	-118.880	33.623	2.127	-118.881	33.628	2.119	-0.001	0.005	-0.008	0.010	+	
D6-2684.8	-118.857	32.009	1.105	-118.858	32.014	1.096	-0.001	0.005	-0.008	0.010	+	
D6-2684.9	-118.855	31.675	0.186	-118.856	31.681	0.178	-0.001	0.005	-0.008	0.010	+	
D6-2693.3	-109.925	36.052	-1.195	-109.926	36.058	-1.203	-0.001	0.005	-0.008	0.010	+	
D6-2693.4	-109.929	36.250	-0.698	-109.930	36.255	-0.706	-0.001	0.005	-0.008	0.010	+	
D6-2693.5	-109.927	36.270	0.384	-109.928	36.275	0.376	-0.001	0.005	-0.008	0.010	+	
D6-2693.6	-109.914	35.733	1.403	-109.915	35.738	1.395	-0.001	0.005	-0.008	0.010	+	
D6-2693.7	-109.875	33.808	2.122	-109.875	33.813	2.113	-0.001	0.005	-0.009	0.010	+	
D6-2693.8	-109.848	32.164	1.098	-109.849	32.169	1.089	-0.001	0.005	-0.008	0.010	+	
D6-2693.9	-109.848	31.827	0.171	-109.849	31.833	0.163	-0.001	0.005	-0.008	0.010	+	
D6-2702.10	-100.867	32.337	-1.398	-100.868	32.343	-1.407	-0.001	0.005	-0.009	0.010	+	
D6-2702.3	-100.915	36.199	-1.199	-100.916	36.204	-1.208	-0.001	0.006	-0.009	0.010	+	
D6-2702.4	-100.917	36.396	-0.701	-100.917	36.401	-0.710	-0.001	0.006	-0.009	0.010	+	
D6-2702.5	-100.918	36.412	0.384	-100.918	36.418	0.375	-0.001	0.005	-0.009	0.010	+	
D6-2702.6	-100.914	35.873	1.405	-100.915	35.878	1.396	-0.001	0.005	-0.009	0.010	+	
D6-2702.7	-100.889	33.919	2.113	-100.889	33.924	2.104	-0.001	0.005	-0.009	0.010	+	
D6-2702.8	-100.866	32.314	1.104	-100.867	32.319	1.095	-0.000	0.005	-0.009	0.010	+	
D6-2702.9	-100.862	31.997	0.321	-100.863	32.002	0.313	-0.000	0.005	-0.009	0.010	+	
D6-2711.3	-91.920	36.336	-1.191	-91.921	36.342	-1.200	-0.001	0.006	-0.009	0.011	+	
D6-2711.4	-91.923	36.532	-0.693	-91.924	36.538	-0.702	-0.001	0.006	-0.009	0.011	+	
D6-2711.5	-91.923	36.545	0.395	-91.923	36.551	0.386	-0.001	0.006	-0.009	0.011	+	
D6-2711.6	-91.916	36.005	1.411	-91.916	36.011	1.402	-0.000	0.005	-0.009	0.011	+	
D6-2711.7	-91.889	34.057	2.119	-91.889	34.062	2.110	-0.000	0.005	-0.009	0.011	+	
D6-2711.8	-91.861	32.448	1.104	-91.862	32.453	1.095	-0.001	0.005	-0.009	0.010	+	
D6-2711.9	-91.858	32.135	0.330	-91.859	32.141	0.321	-0.001	0.005	-0.009	0.011	+	
D6-2720.3	-82.919	36.462	-1.212	-82.919	36.467	-1.221	-0.001	0.006	-0.009	0.011	+	
D6-2720.4	-82.921	36.669	-0.705	-82.922	36.675	-0.714	-0.001	0.006	-0.009	0.011	+	
D6-2720.5	-82.925	36.694	0.385	-82.926	36.699	0.376	-0.001	0.006	-0.009	0.011	+	
D6-2720.6	-82.919	36.166	1.406	-82.920	36.172	1.396	-0.001	0.005	-0.009	0.011	+	
D6-2720.7	-82.895	34.209	2.131	-82.895	34.214	2.121	-0.000	0.005	-0.009	0.011	+	
D6-2720.8	-82.867	32.585	1.103	-82.867	32.590	1.093	-0.000	0.005	-0.009	0.011	+	
D6-2720.9	-82.864	32.282	0.346	-82.865	32.287	0.337	-0.001	0.005	-0.009	0.011	+	
D6-2729.3	-73.924	36.611	-1.200	-73.924	36.616	-1.209	-0.000	0.006	-0.009	0.011	+	
D6-2729.4	-73.926	36.813	-0.701	-73.926	36.818	-0.711	-0.000	0.006	-0.009	0.011	+	
D6-2729.5	-73.929	36.839	0.388	-73.929	36.844	0.378	-0.000	0.006	-0.009	0.011	+	
D6-2729.6	-73.920	36.301	1.410	-73.920	36.307	1.401	-0.000	0.006	-0.009	0.011	+	
D6-2729.7	-73.883	34.358	2.133	-73.884	34.364	2.123	-0.000	0.006	-0.010	0.011	+	
D6-2729.8	-73.853	32.722	1.096	-73.854	32.727	1.087	-0.000	0.005	-0.010	0.011	+	
D6-2729.9	-73.846	32.395	0.168	-73.847	32.401	0.159	-0.000	0.005	-0.009	0.011	+	
D6-2738.3	-64.916	36.740	-1.188	-64.917	36.745	-1.197	-0.000	0.006	-0.010	0.011	+	
D6-2738.4	-64.917	36.940	-0.696	-64.918	36.946	-0.705	-0.000	0.006	-0.010	0.011	+	
D6-2738.5	-64.917	36.965	0.396	-64.918	36.971	0.386	-0.000	0.006	-0.010	0.011	+	
D6-2738.6	-64.913	36.584	1.224	-64.913	36.590	1.215	-0.000	0.005	-0.010	0.011	+	
D6-2738.7	-64.884	34.470	2.143	-64.884	34.476	2.133	-0.000	0.005	-0.010	0.011	+	
D6-2738.8	-64.862	32.840	1.093	-64.862	32.845	1.083	-0.000	0.005	-0.010	0.011	+	
D6-2738.9	-64.860	32.519	0.161	-64.861	32.525	0.152	-0.000	0.005	-0.010	0.011	+	
D6-2747.3	-55.931	36.891	-1.202	-55.931	36.896	-1.211	-0.000	0.005	-0.010	0.011	+	
D6-2747.4	-55.930	37.104	-0.694	-55.930	37.109	-0.704	-0.000	0.005	-0.010	0.011	+	
D6-2747.5	-55.933	37.141	0.390	-55.933	37.146	0.381	-0.000	0.005	-0.010	0.011	+	
D6-2747.6	-55.920	36.627	1.411	-55.920	36.632	1.401	-0.000	0.005	-0.010	0.011	+	
D6-2747.7	-55.891	34.646	2.157	-55.892	34.652	2.147	-0.000	0.006	-0.010	0.012	+	
D6-2747.8	-55.860	32.995	1.090	-55.861	33.001	1.079	-0.000	0.005	-0.010	0.011	+	
D6-2747.9	-55.853	32.686	0.161	-55.854	32.691	0.151	-0.000	0.005	-0.010	0.011	+	
D6-2756.10	-46.870	33.210	-1.408	-46.870	33.216	-1.418	-0.000	0.005	-0.010	0.011	+	
D6-2756.3	-46.923	37.039	-1.185	-46.923	37.044	-1.195	-0.000	0.005	-0.010	0.011	+	

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta				Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)			
D6-2756.4	-46.922	37.238	-0.696	-46.922	37.243	-0.706	-0.000	0.005	-0.010	0.011	+	
D6-2756.5	-46.923	37.266	0.393	-46.924	37.271	0.383	-0.000	0.005	-0.010	0.011	+	
D6-2756.6	-46.918	36.735	1.418	-46.918	36.740	1.408	-0.000	0.005	-0.010	0.011	+	
D6-2756.7	-46.893	34.779	2.143	-46.893	34.784	2.133	-0.000	0.005	-0.010	0.011	+	
D6-2756.8	-46.867	33.142	1.094	-46.868	33.147	1.083	-0.000	0.005	-0.010	0.011	+	
D6-2756.9	-46.865	32.846	0.323	-46.865	32.851	0.313	-0.000	0.005	-0.010	0.011	+	
D6-2765.3	-37.920	37.161	-1.222	-37.920	37.166	-1.232	-0.000	0.005	-0.010	0.011	+	
D6-2765.4	-37.921	37.371	-0.723	-37.921	37.376	-0.734	-0.000	0.005	-0.010	0.011	+	
D6-2765.5	-37.922	37.409	0.364	-37.922	37.414	0.354	-0.000	0.005	-0.010	0.012	+	
D6-2765.6	-37.919	36.886	1.393	-37.919	36.891	1.383	-0.000	0.005	-0.010	0.012	+	
D6-2765.7	-37.888	34.904	2.136	-37.888	34.909	2.126	-0.000	0.005	-0.010	0.012	+	
D6-2765.8	-37.866	33.264	1.071	-37.866	33.269	1.061	-0.000	0.005	-0.010	0.012	+	
D6-2765.9	-37.860	32.953	0.140	-37.860	32.958	0.130	-0.000	0.005	-0.010	0.012	+	
D6-2774.3	-28.922	37.293	-1.201	-28.922	37.298	-1.211	-0.000	0.005	-0.010	0.012	+	
D6-2774.4	-28.923	37.504	-0.708	-28.923	37.509	-0.718	-0.000	0.005	-0.010	0.012	+	
D6-2774.5	-28.923	37.552	0.378	-28.924	37.557	0.368	-0.000	0.005	-0.010	0.012	+	
D6-2774.6	-28.910	37.035	1.411	-28.910	37.040	1.401	-0.000	0.005	-0.011	0.012	+	
D6-2774.7	-28.888	35.060	2.161	-28.888	35.065	2.150	-0.000	0.005	-0.011	0.012	+	
D6-2774.8	-28.869	33.404	1.098	-28.869	33.409	1.088	-0.000	0.005	-0.011	0.012	+	
D6-2774.9	-28.863	33.092	0.164	-28.864	33.097	0.153	-0.000	0.005	-0.011	0.012	+	
D6-2783.3	-19.919	37.450	-1.206	-19.919	37.455	-1.216	-0.000	0.005	-0.010	0.011	+	
D6-2783.4	-19.919	37.658	-0.701	-19.919	37.663	-0.712	-0.000	0.005	-0.010	0.012	+	
D6-2783.5	-19.916	37.690	0.380	-19.916	37.695	0.370	-0.000	0.005	-0.010	0.012	+	
D6-2783.6	-19.907	37.160	1.411	-19.907	37.165	1.400	-0.000	0.005	-0.010	0.012	+	
D6-2783.7	-19.882	35.199	2.138	-19.882	35.203	2.127	-0.000	0.005	-0.011	0.012	+	
D6-2783.8	-19.861	33.559	1.098	-19.861	33.564	1.087	-0.000	0.005	-0.011	0.012	+	
D6-2783.9	-19.861	33.235	0.169	-19.861	33.239	0.158	-0.000	0.005	-0.011	0.012	+	
D6-2792.3	-10.932	37.594	-1.203	-10.932	37.599	-1.214	-0.000	0.005	-0.010	0.011	+	
D6-2792.4	-10.940	37.803	-0.697	-10.940	37.808	-0.707	-0.000	0.005	-0.010	0.011	+	
D6-2792.5	-10.944	37.833	0.387	-10.945	37.838	0.377	-0.000	0.005	-0.010	0.011	+	
D6-2792.6	-10.937	37.307	1.408	-10.938	37.311	1.398	-0.000	0.005	-0.010	0.011	+	
D6-2792.7	-10.899	35.341	2.136	-10.899	35.346	2.125	-0.000	0.005	-0.010	0.011	+	
D6-2792.8	-10.855	33.710	1.105	-10.855	33.715	1.095	-0.000	0.005	-0.010	0.011	+	
D6-2792.9	-10.844	33.382	0.179	-10.844	33.387	0.168	-0.000	0.005	-0.010	0.012	+	
D6-2801.3	-1.928	37.742	-1.204	-1.928	37.747	-1.214	-0.000	0.005	-0.010	0.011	+	
D6-2801.4	-1.928	37.956	-0.708	-1.928	37.961	-0.719	-0.000	0.005	-0.010	0.011	+	
D6-2801.5	-1.927	38.005	0.377	-1.927	38.010	0.367	-0.000	0.005	-0.010	0.011	+	
D6-2801.6	-1.918	37.493	1.406	-1.918	37.498	1.396	-0.000	0.005	-0.010	0.011	+	
D6-2801.7	-1.885	35.494	2.167	-1.886	35.499	2.157	-0.000	0.005	-0.010	0.011	+	
D6-2801.8	-1.860	33.853	1.101	-1.860	33.858	1.091	-0.000	0.005	-0.010	0.011	+	
D6-2801.9	-1.860	33.565	0.342	-1.860	33.570	0.332	-0.000	0.005	-0.010	0.012	+	
D6-2810.10	7.144	34.064	-1.406	7.143	34.069	-1.416	-0.000	0.005	-0.010	0.011	+	
D6-2810.3	7.069	37.881	-1.200	7.069	37.886	-1.210	-0.000	0.005	-0.010	0.011	+	
D6-2810.4	7.067	38.088	-0.702	7.067	38.092	-0.712	-0.000	0.005	-0.010	0.011	+	
D6-2810.5	7.064	38.117	0.396	7.063	38.122	0.386	-0.000	0.005	-0.010	0.011	+	
D6-2810.6	7.074	37.587	1.415	7.073	37.592	1.405	-0.000	0.005	-0.010	0.011	+	
D6-2810.7	7.109	35.623	2.142	7.109	35.628	2.132	-0.000	0.005	-0.010	0.011	+	
D6-2810.8	7.141	33.997	1.103	7.140	34.002	1.093	-0.000	0.005	-0.010	0.011	+	
D6-2810.9	7.144	33.672	0.169	7.144	33.677	0.158	-0.000	0.005	-0.010	0.011	+	
D6-2819.3	16.077	38.014	-1.194	16.077	38.019	-1.204	-0.000	0.005	-0.010	0.011	+	
D6-2819.4	16.075	38.225	-0.699	16.075	38.230	-0.709	-0.000	0.005	-0.010	0.011	+	
D6-2819.5	16.075	38.270	0.387	16.075	38.275	0.377	-0.000	0.005	-0.010	0.011	+	
D6-2819.6	16.083	37.756	1.422	16.083	37.761	1.412	-0.000	0.005	-0.010	0.011	+	
D6-2819.7	16.107	35.772	2.173	16.106	35.776	2.162	-0.000	0.005	-0.010	0.011	+	
D6-2819.8	16.128	34.123	1.099	16.128	34.127	1.089	-0.000	0.005	-0.010	0.011	+	
D6-2819.9	16.131	33.811	0.143	16.131	33.815	0.133	-0.000	0.005	-0.010	0.011	+	
D6-2828.3	25.076	38.135	-1.192	25.076	38.140	-1.202	-0.000	0.005	-0.010	0.011	+	
D6-2828.4	25.073	38.340	-0.705	25.073	38.345	-0.715	-0.000	0.005	-0.010	0.011	+	
D6-2828.5	25.071	38.378	0.392	25.071	38.383	0.382	-0.000	0.004	-0.010	0.011	+	
D6-2828.6	25.074	37.854	1.422	25.074	37.859	1.412	-0.000	0.004	-0.010	0.011	+	
D6-2828.7	25.110	35.879	2.162	25.110	35.884	2.152	-0.000	0.005	-0.010	0.011	+	

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta				Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)			
D6-2828.8	25.140	34.245	1.104	25.140	34.250	1.094	-0.000	0.005	-0.010	0.011	+	
D6-2828.9	25.143	33.925	0.168	25.143	33.930	0.158	-0.000	0.005	-0.010	0.011	+	
D6-2837.3	34.064	38.292	-1.198	34.064	38.296	-1.208	-0.000	0.004	-0.010	0.011	+	
D6-2837.4	34.061	38.506	-0.701	34.061	38.510	-0.711	-0.000	0.004	-0.010	0.011	+	
D6-2837.5	34.060	38.553	0.383	34.060	38.558	0.373	-0.000	0.004	-0.010	0.011	+	
D6-2837.6	34.073	38.036	1.420	34.073	38.041	1.410	0.000	0.004	-0.010	0.011	+	
D6-2837.7	34.115	36.052	2.168	34.115	36.057	2.158	-0.000	0.004	-0.010	0.011	+	
D6-2837.8	34.148	34.404	1.103	34.148	34.408	1.093	-0.000	0.004	-0.010	0.011	+	
D6-2837.9	34.152	34.089	0.165	34.152	34.094	0.154	-0.000	0.005	-0.010	0.011	+	
D6-2846.3	43.070	38.431	-1.198	43.070	38.435	-1.208	-0.000	0.004	-0.010	0.011	+	
D6-2846.4	43.066	38.651	-0.690	43.066	38.655	-0.700	-0.000	0.004	-0.010	0.011	+	
D6-2846.5	43.065	38.699	0.392	43.065	38.703	0.381	-0.000	0.004	-0.010	0.011	+	
D6-2846.6	43.074	38.178	1.433	43.074	38.182	1.423	-0.000	0.004	-0.010	0.011	+	
D6-2846.7	43.105	36.202	2.177	43.105	36.206	2.167	-0.000	0.004	-0.010	0.011	+	
D6-2846.8	43.132	34.541	1.099	43.132	34.545	1.088	-0.000	0.004	-0.010	0.011	+	
D6-2846.9	43.138	34.234	0.157	43.138	34.239	0.147	-0.000	0.004	-0.010	0.011	+	
D6-2855.3	52.073	38.589	-1.201	52.073	38.594	-1.211	-0.000	0.004	-0.010	0.011	+	
D6-2855.4	52.071	38.797	-0.696	52.071	38.801	-0.706	-0.000	0.004	-0.010	0.011	+	
D6-2855.5	52.074	38.824	0.392	52.074	38.829	0.382	0.000	0.004	-0.010	0.011	+	
D6-2855.6	52.080	38.294	1.414	52.080	38.299	1.404	0.000	0.004	-0.010	0.011	+	
D6-2855.7	52.113	36.326	2.135	52.113	36.330	2.125	-0.000	0.004	-0.010	0.011	+	
D6-2855.8	52.138	34.707	1.102	52.137	34.711	1.091	-0.000	0.004	-0.010	0.011	+	
D6-2855.9	52.138	34.376	0.170	52.138	34.380	0.160	-0.000	0.004	-0.010	0.011	+	
D6-2864.10	61.131	34.923	-1.402	61.131	34.927	-1.413	-0.000	0.004	-0.010	0.011	+	
D6-2864.3	61.068	38.720	-1.206	61.068	38.724	-1.216	0.000	0.004	-0.010	0.011	+	
D6-2864.4	61.069	38.933	-0.702	61.069	38.938	-0.712	0.000	0.004	-0.010	0.011	+	
D6-2864.5	61.065	38.974	0.381	61.065	38.978	0.371	-0.000	0.004	-0.010	0.011	+	
D6-2864.6	61.066	38.441	1.425	61.066	38.445	1.415	-0.000	0.004	-0.010	0.011	+	
D6-2864.7	61.098	36.470	2.160	61.098	36.474	2.150	-0.000	0.004	-0.010	0.011	+	
D6-2864.8	61.130	34.836	1.106	61.130	34.840	1.095	-0.000	0.004	-0.010	0.011	+	
D6-2864.9	61.134	34.537	0.309	61.134	34.541	0.299	-0.000	0.004	-0.010	0.011	+	
D6-2873.3	70.070	38.877	-1.200	70.070	38.881	-1.210	-0.000	0.004	-0.010	0.011	+	
D6-2873.4	70.067	39.085	-0.698	70.067	39.089	-0.708	-0.000	0.004	-0.010	0.011	+	
D6-2873.5	70.069	39.117	0.387	70.069	39.121	0.377	-0.000	0.004	-0.010	0.011	+	
D6-2873.6	70.084	38.579	1.421	70.084	38.583	1.410	0.000	0.004	-0.010	0.011	+	
D6-2873.7	70.114	36.621	2.145	70.114	36.625	2.135	-0.000	0.004	-0.010	0.011	+	
D6-2873.8	70.137	34.987	1.111	70.136	34.991	1.101	-0.000	0.004	-0.010	0.011	+	
D6-2873.9	70.135	34.661	0.171	70.135	34.664	0.161	-0.000	0.004	-0.010	0.011	+	
D6-2882.3	79.062	39.011	-1.199	79.062	39.015	-1.209	-0.000	0.004	-0.010	0.011	+	
D6-2882.4	79.057	39.218	-0.695	79.057	39.222	-0.705	-0.000	0.004	-0.010	0.011	+	
D6-2882.5	79.054	39.244	0.392	79.054	39.248	0.382	-0.000	0.004	-0.010	0.011	+	
D6-2882.6	79.065	38.711	1.417	79.065	38.715	1.407	-0.000	0.004	-0.010	0.011	+	
D6-2882.7	79.101	36.755	2.142	79.100	36.758	2.131	-0.000	0.004	-0.010	0.011	+	
D6-2882.8	79.138	35.123	1.104	79.138	35.127	1.094	-0.000	0.004	-0.010	0.011	+	
D6-2882.9	79.146	34.793	0.159	79.146	34.797	0.149	-0.000	0.004	-0.010	0.011	+	
D6-2891.3	88.070	39.190	-1.181	88.070	39.193	-1.191	0.000	0.004	-0.010	0.011	+	
D6-2891.4	88.070	39.385	-0.680	88.070	39.389	-0.690	0.000	0.004	-0.010	0.011	+	
D6-2891.5	88.073	39.396	0.400	88.073	39.400	0.390	0.000	0.004	-0.010	0.011	+	
D6-2891.6	88.077	38.919	1.339	88.078	38.923	1.328	0.000	0.004	-0.010	0.011	+	
D6-2891.7	88.108	36.901	2.122	88.108	36.905	2.112	-0.000	0.004	-0.010	0.011	+	
D6-2891.8	88.130	35.293	1.100	88.130	35.296	1.090	-0.000	0.004	-0.010	0.011	+	
D6-2891.9	88.132	34.958	0.166	88.132	34.962	0.156	-0.000	0.004	-0.010	0.011	+	
D6-2900.3	97.060	39.307	-1.193	97.060	39.311	-1.202	0.000	0.004	-0.010	0.010	+	
D6-2900.4	97.060	39.513	-0.698	97.060	39.517	-0.708	0.000	0.004	-0.010	0.011	+	
D6-2900.5	97.066	39.548	0.391	97.066	39.551	0.381	0.000	0.004	-0.010	0.011	+	
D6-2900.6	97.077	39.020	1.419	97.077	39.024	1.409	0.000	0.004	-0.010	0.011	+	
D6-2900.7	97.116	37.051	2.153	97.116	37.055	2.143	0.000	0.004	-0.010	0.011	+	
D6-2900.8	97.140	35.427	1.115	97.140	35.430	1.105	0.000	0.004	-0.010	0.010	+	
D6-2900.9	97.140	35.099	0.177	97.140	35.103	0.167	0.000	0.004	-0.010	0.010	+	
D6-2909.3	106.068	39.458	-1.205	106.068	39.462	-1.215	0.000	0.004	-0.010	0.010	+	
D6-2909.4	106.066	39.661	-0.706	106.066	39.664	-0.716	0.000	0.004	-0.010	0.010	+	

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta				Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)			
D6-2909.5	106.064	39.686	0.386	106.065	39.689	0.376	0.000	0.003	-0.010	0.010	+	
D6-2909.6	106.071	39.146	1.409	106.071	39.149	1.399	0.000	0.003	-0.010	0.010	+	
D6-2909.7	106.092	37.200	2.115	106.092	37.203	2.105	0.000	0.003	-0.010	0.010	+	
D6-2909.8	106.118	35.570	1.097	106.118	35.573	1.087	0.000	0.003	-0.010	0.010	+	
D6-2909.9	106.128	35.237	0.174	106.128	35.241	0.164	0.000	0.004	-0.010	0.010	+	
D6-2918.10	115.131	35.766	-1.398	115.131	35.769	-1.408	0.000	0.003	-0.010	0.010	+	
D6-2918.3	115.071	39.586	-1.207	115.071	39.589	-1.217	0.000	0.003	-0.010	0.010	+	
D6-2918.4	115.068	39.796	-0.706	115.068	39.799	-0.715	0.000	0.003	-0.010	0.010	+	
D6-2918.5	115.065	39.830	0.379	115.065	39.833	0.370	0.000	0.003	-0.010	0.010	+	
D6-2918.6	115.066	39.299	1.414	115.066	39.302	1.404	0.000	0.003	-0.010	0.010	+	
D6-2918.7	115.097	37.338	2.140	115.097	37.342	2.131	0.000	0.003	-0.010	0.010	+	
D6-2918.8	115.124	35.708	1.101	115.124	35.711	1.092	0.000	0.003	-0.010	0.010	+	
D6-2918.9	115.129	35.382	0.167	115.129	35.385	0.158	0.000	0.003	-0.010	0.010	+	
D6-2927.3	124.062	39.718	-1.192	124.062	39.721	-1.201	0.000	0.003	-0.010	0.010	+	
D6-2927.4	124.068	39.927	-0.696	124.068	39.930	-0.705	0.000	0.003	-0.010	0.010	+	
D6-2927.5	124.076	39.965	0.396	124.076	39.968	0.386	0.000	0.003	-0.010	0.010	+	
D6-2927.6	124.087	39.440	1.423	124.088	39.443	1.413	0.000	0.003	-0.010	0.010	+	
D6-2927.7	124.119	37.465	2.156	124.119	37.468	2.147	0.000	0.003	-0.010	0.010	+	
D6-2927.8	124.132	35.823	1.101	124.132	35.826	1.091	0.000	0.003	-0.010	0.010	+	
D6-2927.9	124.123	35.507	0.166	124.123	35.511	0.157	0.000	0.003	-0.010	0.010	+	
D6-2936.3	133.058	39.895	-1.202	133.058	39.898	-1.211	0.000	0.003	-0.010	0.010	+	
D6-2936.4	133.057	40.095	-0.696	133.057	40.098	-0.706	0.000	0.003	-0.010	0.010	+	
D6-2936.5	133.058	40.112	0.385	133.059	40.115	0.375	0.000	0.003	-0.010	0.010	+	
D6-2936.6	133.067	39.560	1.415	133.067	39.562	1.405	0.000	0.003	-0.010	0.010	+	
D6-2936.7	133.107	37.624	2.114	133.107	37.627	2.104	0.000	0.003	-0.010	0.010	+	
D6-2936.8	133.135	36.007	1.098	133.135	36.009	1.088	0.000	0.003	-0.010	0.010	+	
D6-2936.9	133.135	35.672	0.167	133.136	35.675	0.157	0.000	0.003	-0.010	0.010	+	
D6-2945.3	142.076	39.980	-1.196	142.076	39.983	-1.206	0.000	0.003	-0.010	0.010	+	
D6-2945.4	142.071	40.183	-0.701	142.072	40.186	-0.711	0.000	0.003	-0.010	0.010	+	
D6-2945.5	142.068	40.213	0.384	142.069	40.216	0.374	0.000	0.003	-0.010	0.010	+	
D6-2945.6	142.072	39.677	1.422	142.073	39.680	1.412	0.000	0.003	-0.010	0.010	+	
D6-2945.7	142.089	37.735	2.135	142.089	37.737	2.125	0.000	0.003	-0.010	0.011	+	
D6-2945.8	142.106	36.088	1.098	142.106	36.091	1.087	0.000	0.003	-0.010	0.011	+	
D6-2945.9	142.117	35.761	0.167	142.117	35.764	0.157	0.000	0.003	-0.010	0.011	+	
D6-2954.3	151.047	40.135	-1.185	151.047	40.137	-1.195	0.000	0.003	-0.010	0.010	+	
D6-2954.4	151.044	40.332	-0.695	151.044	40.335	-0.705	-0.000	0.003	-0.010	0.010	+	
D6-2954.5	151.049	40.358	0.394	151.049	40.361	0.384	-0.000	0.003	-0.010	0.010	+	
D6-2954.6	151.061	39.812	1.436	151.061	39.814	1.426	-0.000	0.002	-0.010	0.010	+	
D6-2954.7	151.105	37.861	2.141	151.105	37.864	2.131	-0.000	0.002	-0.010	0.010	+	
D6-2954.8	151.140	36.249	1.118	151.140	36.252	1.108	-0.000	0.003	-0.010	0.011	+	
D6-2954.9	151.143	35.936	0.321	151.143	35.938	0.311	-0.000	0.003	-0.010	0.011	+	
D6-2963.3	160.065	40.279	-1.203	160.065	40.282	-1.212	-0.000	0.003	-0.009	0.010	+	
D6-2963.4	160.059	40.486	-0.704	160.059	40.489	-0.714	-0.000	0.003	-0.009	0.010	+	
D6-2963.5	160.054	40.520	0.385	160.054	40.523	0.376	-0.000	0.003	-0.009	0.010	+	
D6-2963.6	160.062	39.982	1.421	160.062	39.985	1.411	-0.000	0.002	-0.009	0.010	+	
D6-2963.7	160.086	38.035	2.137	160.086	38.037	2.127	-0.000	0.003	-0.010	0.010	+	
D6-2963.8	160.114	36.397	1.095	160.114	36.399	1.085	-0.000	0.002	-0.010	0.010	+	
D6-2963.9	160.123	36.070	0.167	160.123	36.073	0.157	-0.000	0.003	-0.010	0.010	+	
D6-2972.10	169.119	36.621	-1.401	169.119	36.624	-1.409	-0.000	0.003	-0.009	0.009	+	
D6-2972.3	169.060	40.463	-1.187	169.060	40.466	-1.195	-0.000	0.003	-0.009	0.009	+	
D6-2972.4	169.056	40.663	-0.687	169.055	40.666	-0.696	-0.000	0.003	-0.009	0.009	+	
D6-2972.5	169.053	40.678	0.403	169.052	40.681	0.395	-0.000	0.003	-0.009	0.009	+	
D6-2972.6	169.061	40.224	1.318	169.060	40.227	1.309	-0.000	0.002	-0.009	0.009	+	
D6-2972.7	169.091	38.186	2.130	169.090	38.188	2.121	-0.000	0.003	-0.009	0.009	+	
D6-2972.8	169.118	36.569	1.100	169.118	36.572	1.091	-0.000	0.003	-0.009	0.009	+	
D6-2972.9	169.122	36.238	0.173	169.122	36.240	0.164	-0.000	0.003	-0.009	0.009	+	
D6-2981.3	178.064	40.555	-1.197	178.064	40.557	-1.205	-0.000	0.003	-0.008	0.008	+	
D6-2981.4	178.063	40.758	-0.699	178.063	40.761	-0.707	-0.000	0.003	-0.008	0.008	+	
D6-2981.5	178.060	40.785	0.388	178.060	40.788	0.380	-0.000	0.002	-0.008	0.008	+	
D6-2981.6	178.068	40.269	1.387	178.068	40.272	1.379	-0.000	0.002	-0.008	0.008	+	
D6-2981.7	178.095	38.290	2.136	178.094	38.293	2.128	-0.000	0.002	-0.008	0.008	+	

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta				Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)			
D6-2981.8	178.119	36.670	1.104	178.118	36.673	1.096	-0.000	0.002	-0.008	0.008	+	
D6-2981.9	178.122	36.340	0.174	178.122	36.343	0.166	-0.000	0.003	-0.008	0.008	+	
D6-2990.3	187.047	40.706	-1.193	187.047	40.709	-1.200	-0.000	0.002	-0.007	0.008	+	
D6-2990.4	187.045	40.908	-0.691	187.045	40.910	-0.698	-0.000	0.002	-0.007	0.008	+	
D6-2990.5	187.046	40.930	0.394	187.045	40.932	0.387	-0.000	0.002	-0.007	0.008	+	
D6-2990.6	187.060	40.387	1.422	187.060	40.390	1.414	-0.000	0.002	-0.007	0.008	+	
D6-2990.7	187.094	38.454	2.127	187.094	38.456	2.120	-0.000	0.002	-0.007	0.007	+	
D6-2990.8	187.125	36.816	1.100	187.125	36.819	1.093	-0.000	0.003	-0.007	0.008	+	
D6-2990.9	187.130	36.487	0.160	187.129	36.489	0.153	-0.000	0.003	-0.007	0.008	+	
D6-2999.3	196.051	40.864	-1.190	196.051	40.866	-1.197	0.000	0.002	-0.007	0.007	+	
D6-2999.4	196.053	41.058	-0.695	196.053	41.060	-0.702	-0.000	0.002	-0.007	0.007	+	
D6-2999.5	196.057	41.069	0.391	196.057	41.071	0.384	-0.000	0.002	-0.007	0.007	+	
D6-2999.6	196.066	40.554	1.378	196.066	40.556	1.372	-0.000	0.002	-0.007	0.007	+	
D6-2999.7	196.103	38.579	2.117	196.102	38.581	2.111	-0.000	0.002	-0.006	0.007	+	
D6-2999.8	196.123	36.968	1.097	196.123	36.970	1.091	-0.000	0.003	-0.006	0.007	+	
D6-2999.9	196.122	36.634	0.168	196.122	36.637	0.162	-0.000	0.003	-0.006	0.007	+	
D6-3008.3	205.062	41.002	-1.199	205.062	41.005	-1.205	0.000	0.002	-0.007	0.007	+	
D6-3008.4	205.061	41.204	-0.690	205.061	41.207	-0.696	0.000	0.002	-0.006	0.007	+	
D6-3008.5	205.064	41.219	0.389	205.064	41.221	0.383	-0.000	0.002	-0.007	0.007	+	
D6-3008.6	205.069	40.702	1.380	205.069	40.704	1.374	-0.000	0.002	-0.006	0.007	+	
D6-3008.7	205.093	38.722	2.119	205.093	38.725	2.113	-0.000	0.002	-0.006	0.007	+	
D6-3008.8	205.111	37.117	1.106	205.111	37.119	1.099	0.000	0.003	-0.006	0.007	+	
D6-3008.9	205.113	36.780	0.177	205.113	36.783	0.171	0.000	0.003	-0.006	0.007	+	
D6-3017.3	214.054	41.145	-1.187	214.054	41.147	-1.194	0.000	0.002	-0.006	0.007	+	
D6-3017.4	214.052	41.341	-0.684	214.052	41.343	-0.691	0.000	0.002	-0.006	0.007	+	
D6-3017.5	214.051	41.350	0.398	214.051	41.352	0.392	0.000	0.002	-0.006	0.007	+	
D6-3017.6	214.062	40.827	1.394	214.062	40.829	1.387	0.000	0.002	-0.006	0.007	+	
D6-3017.7	214.092	38.865	2.120	214.092	38.868	2.114	0.000	0.002	-0.006	0.006	+	
D6-3017.8	214.118	37.257	1.110	214.118	37.260	1.104	0.000	0.002	-0.006	0.007	+	
D6-3017.9	214.122	36.918	0.182	214.122	36.921	0.176	0.000	0.003	-0.006	0.007	+	
D6-3026.10	223.105	37.434	-1.385	223.105	37.437	-1.391	0.000	0.002	-0.006	0.007	+	
D6-3026.3	223.052	41.299	-1.189	223.053	41.301	-1.195	0.000	0.002	-0.006	0.007	+	
D6-3026.4	223.053	41.496	-0.690	223.054	41.499	-0.696	0.000	0.002	-0.006	0.007	+	
D6-3026.5	223.059	41.510	0.400	223.060	41.512	0.394	0.000	0.002	-0.006	0.007	+	
D6-3026.6	223.073	40.986	1.395	223.073	40.988	1.388	-0.000	0.002	-0.006	0.007	+	
D6-3026.7	223.107	39.028	2.121	223.107	39.030	2.115	0.000	0.002	-0.006	0.006	+	
D6-3026.8	223.120	37.413	1.108	223.120	37.416	1.102	0.000	0.002	-0.006	0.007	+	
D6-3026.9	223.119	37.073	0.179	223.119	37.076	0.172	0.000	0.002	-0.006	0.007	+	
D6-3035.3	232.043	41.441	-1.194	232.043	41.443	-1.200	0.000	0.002	-0.006	0.006	+	
D6-3035.4	232.045	41.639	-0.692	232.045	41.641	-0.698	0.000	0.002	-0.006	0.006	+	
D6-3035.5	232.049	41.650	0.398	232.049	41.652	0.392	0.000	0.002	-0.006	0.006	+	
D6-3035.6	232.059	41.132	1.387	232.059	41.134	1.381	0.000	0.002	-0.006	0.006	+	
D6-3035.7	232.101	39.171	2.117	232.101	39.173	2.111	0.000	0.002	-0.006	0.006	+	
D6-3035.8	232.125	37.556	1.110	232.125	37.559	1.103	0.000	0.002	-0.006	0.007	+	
D6-3035.9	232.125	37.214	0.175	232.125	37.217	0.168	0.000	0.002	-0.006	0.007	+	
D6-3044.3	241.065	41.586	-1.191	241.065	41.588	-1.197	0.000	0.002	-0.006	0.006	+	
D6-3044.4	241.066	41.783	-0.694	241.067	41.785	-0.699	0.000	0.002	-0.006	0.006	+	
D6-3044.5	241.067	41.799	0.393	241.067	41.801	0.387	0.000	0.002	-0.006	0.006	+	
D6-3044.6	241.069	41.251	1.423	241.070	41.253	1.418	0.000	0.002	-0.006	0.006	+	
D6-3044.7	241.084	39.306	2.127	241.084	39.309	2.120	0.000	0.002	-0.006	0.006	+	
D6-3044.8	241.095	37.698	1.109	241.095	37.701	1.103	0.000	0.002	-0.006	0.007	+	
D6-3044.9	241.095	37.383	0.301	241.095	37.385	0.295	0.000	0.002	-0.006	0.007	+	
D6-3053.3	250.053	41.693	-1.196	250.053	41.695	-1.201	0.000	0.002	-0.005	0.006	+	
D6-3053.4	250.051	41.898	-0.699	250.052	41.900	-0.704	0.000	0.002	-0.005	0.006	+	
D6-3053.5	250.047	41.930	0.393	250.047	41.932	0.387	0.000	0.002	-0.005	0.006	+	
D6-3053.6	250.053	41.394	1.425	250.053	41.396	1.420	0.000	0.002	-0.005	0.006	+	
D6-3053.7	250.078	39.427	2.144	250.078	39.429	2.139	0.000	0.002	-0.006	0.006	+	
D6-3053.8	250.106	37.800	1.095	250.106	37.802	1.089	0.000	0.002	-0.006	0.006	+	
D6-3053.9	250.114	37.471	0.109	250.115	37.473	0.103	0.000	0.002	-0.006	0.006	+	
D6-3062.3	259.045	41.853	-1.189	259.045	41.855	-1.194	0.000	0.002	-0.005	0.005	+	
D6-3062.4	259.042	42.053	-0.686	259.043	42.055	-0.691	0.000	0.002	-0.005	0.005	+	

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta				Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)			
D6-3062.5	259.046	42.068	0.403	259.047	42.070	0.398	0.000	0.002	-0.005	0.005	+	
D6-3062.6	259.057	41.548	1.398	259.058	41.550	1.393	0.000	0.002	-0.005	0.005	+	
D6-3062.7	259.095	39.586	2.131	259.095	39.588	2.126	0.000	0.002	-0.005	0.006	+	
D6-3062.8	259.123	37.959	1.098	259.124	37.961	1.093	0.000	0.002	-0.006	0.006	+	
D6-3062.9	259.122	37.630	0.162	259.122	37.632	0.157	0.000	0.002	-0.006	0.006	+	
D6-3071.3	268.046	42.014	-1.193	268.047	42.016	-1.198	0.000	0.002	-0.005	0.005	+	
D6-3071.4	268.048	42.210	-0.691	268.048	42.212	-0.696	0.000	0.002	-0.005	0.005	+	
D6-3071.5	268.053	42.219	0.397	268.053	42.221	0.392	0.000	0.002	-0.005	0.005	+	
D6-3071.6	268.066	41.547	1.525	268.066	41.549	1.520	0.000	0.002	-0.005	0.005	+	
D6-3071.7	268.097	39.736	2.103	268.098	39.738	2.098	0.000	0.002	-0.005	0.006	+	
D6-3071.8	268.118	38.120	1.097	268.118	38.123	1.092	0.000	0.002	-0.005	0.006	+	
D6-3071.9	268.115	37.781	0.182	268.115	37.783	0.177	0.000	0.002	-0.005	0.006	+	
D6-3080.10	277.127	38.340	-1.391	277.127	38.342	-1.396	0.000	0.002	-0.005	0.006	+	
D6-3080.3	277.042	42.175	-1.193	277.043	42.177	-1.197	0.000	0.002	-0.004	0.005	+	
D6-3080.4	277.029	42.379	-0.695	277.029	42.381	-0.699	0.000	0.002	-0.004	0.005	+	
D6-3080.5	277.022	42.404	0.391	277.022	42.407	0.387	0.000	0.002	-0.004	0.005	+	
D6-3080.6	277.030	41.877	1.403	277.030	41.879	1.398	0.000	0.002	-0.005	0.005	+	
D6-3080.7	277.070	39.917	2.140	277.070	39.919	2.135	0.000	0.002	-0.005	0.006	+	
D6-3080.8	277.115	38.285	1.103	277.115	38.287	1.097	0.000	0.002	-0.005	0.006	+	
D6-3080.9	277.127	37.956	0.170	277.128	37.958	0.165	0.000	0.002	-0.005	0.006	+	
D6-3089.3	286.041	42.323	-1.196	286.041	42.325	-1.200	0.000	0.002	-0.004	0.005	+	
D6-3089.4	286.044	42.525	-0.699	286.044	42.527	-0.703	0.000	0.002	-0.004	0.005	+	
D6-3089.5	286.054	42.551	0.384	286.054	42.553	0.379	0.000	0.002	-0.004	0.005	+	
D6-3089.6	286.066	42.013	1.415	286.067	42.015	1.411	0.000	0.002	-0.004	0.005	+	
D6-3089.7	286.098	40.059	2.136	286.098	40.061	2.132	0.000	0.002	-0.005	0.005	+	
D6-3089.8	286.114	38.430	1.107	286.114	38.432	1.102	0.000	0.002	-0.005	0.005	+	
D6-3089.9	286.108	38.121	0.319	286.109	38.123	0.314	0.000	0.002	-0.005	0.005	+	
D6-3098.3	295.055	42.473	-1.189	295.055	42.475	-1.194	0.000	0.002	-0.004	0.005	+	
D6-3098.4	295.051	42.669	-0.691	295.051	42.671	-0.695	0.000	0.002	-0.004	0.005	+	
D6-3098.5	295.044	42.685	0.393	295.044	42.687	0.388	0.000	0.002	-0.004	0.005	+	
D6-3098.6	295.046	42.126	1.426	295.047	42.127	1.421	0.000	0.002	-0.005	0.005	+	
D6-3098.7	295.064	40.195	2.114	295.064	40.196	2.109	0.000	0.002	-0.005	0.005	+	
D6-3098.8	295.093	38.585	1.111	295.093	38.587	1.106	0.000	0.002	-0.005	0.005	+	
D6-3098.9	295.106	38.242	0.179	295.106	38.244	0.175	0.000	0.002	-0.005	0.005	+	
D6-3107.3	304.046	42.590	-1.193	304.047	42.592	-1.197	0.000	0.002	-0.005	0.005	+	
D6-3107.4	304.046	42.796	-0.697	304.047	42.798	-0.702	0.000	0.002	-0.005	0.005	+	
D6-3107.5	304.044	42.828	0.391	304.045	42.830	0.387	0.000	0.002	-0.005	0.005	+	
D6-3107.6	304.052	42.296	1.416	304.053	42.298	1.411	0.000	0.002	-0.005	0.005	+	
D6-3107.7	304.085	40.332	2.150	304.085	40.333	2.144	0.000	0.002	-0.005	0.005	+	
D6-3107.8	304.112	38.700	1.104	304.112	38.702	1.099	0.000	0.001	-0.005	0.005	+	
D6-3107.9	304.114	38.377	0.174	304.114	38.378	0.169	0.000	0.001	-0.005	0.005	+	
D6-3115.3	313.046	42.736	-1.198	313.047	42.738	-1.203	0.000	0.002	-0.004	0.005	+	
D6-3115.4	313.043	42.939	-0.700	313.043	42.941	-0.704	0.000	0.002	-0.005	0.005	+	
D6-3115.5	313.040	42.963	0.401	313.040	42.965	0.396	0.000	0.002	-0.005	0.005	+	
D6-3115.6	313.048	42.422	1.423	313.049	42.424	1.418	0.000	0.002	-0.005	0.005	+	
D6-3115.7	313.074	40.479	2.130	313.074	40.481	2.126	0.000	0.002	-0.005	0.005	+	
D6-3115.8	313.105	38.844	1.097	313.105	38.846	1.092	0.000	0.001	-0.005	0.005	+	
D6-3115.9	313.111	38.522	0.173	313.111	38.523	0.168	0.000	0.001	-0.005	0.005	+	
D6-3124.3	322.045	42.887	-1.198	322.045	42.889	-1.202	0.000	0.002	-0.004	0.005	+	
D6-3124.4	322.045	43.088	-0.699	322.045	43.090	-0.704	0.000	0.002	-0.004	0.005	+	
D6-3124.5	322.044	43.110	0.385	322.044	43.111	0.381	0.000	0.002	-0.004	0.005	+	
D6-3124.6	322.050	42.572	1.412	322.050	42.573	1.407	0.000	0.002	-0.004	0.005	+	
D6-3124.7	322.081	40.623	2.129	322.082	40.625	2.125	0.000	0.002	-0.005	0.005	+	
D6-3124.8	322.108	39.008	1.115	322.108	39.010	1.111	0.000	0.001	-0.005	0.005	+	
D6-3124.9	322.111	38.670	0.181	322.111	38.671	0.176	0.000	0.001	-0.004	0.005	+	
D6-3133.10	331.100	39.191	-1.393	331.100	39.192	-1.397	0.000	0.001	-0.004	0.005	+	
D6-3133.3	331.039	43.026	-1.199	331.039	43.027	-1.204	0.000	0.001	-0.004	0.004	+	
D6-3133.4	331.039	43.231	-0.695	331.040	43.232	-0.700	0.000	0.002	-0.004	0.005	+	
D6-3133.5	331.046	43.256	0.387	331.046	43.257	0.383	0.000	0.002	-0.004	0.005	+	
D6-3133.6	331.060	42.724	1.412	331.060	42.725	1.407	0.000	0.002	-0.004	0.005	+	
D6-3133.7	331.095	40.763	2.138	331.095	40.764	2.133	0.000	0.002	-0.004	0.005	+	

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta				Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)			
D6-3133.8	331.114	39.140	1.111	331.115	39.142	1.106	0.000	0.001	-0.004	0.005	+	
D6-3133.9	331.111	38.805	0.168	331.112	38.807	0.164	0.000	0.001	-0.004	0.005	+	
D6-3142.3	340.047	43.168	-1.198	340.047	43.170	-1.202	0.000	0.002	-0.004	0.005	+	
D6-3142.4	340.044	43.369	-0.696	340.044	43.370	-0.701	0.000	0.002	-0.004	0.005	+	
D6-3142.5	340.045	43.388	0.387	340.045	43.390	0.383	0.000	0.002	-0.004	0.005	+	
D6-3142.6	340.053	42.834	1.427	340.053	42.835	1.423	0.000	0.002	-0.004	0.005	+	
D6-3142.7	340.080	40.897	2.127	340.080	40.899	2.123	0.000	0.002	-0.005	0.005	+	
D6-3142.8	340.102	39.277	1.102	340.102	39.279	1.097	0.000	0.002	-0.005	0.005	+	
D6-3142.9	340.103	38.963	0.298	340.103	38.965	0.294	0.000	0.001	-0.005	0.005	+	
D6-3151.3	349.032	43.319	-1.205	349.032	43.321	-1.209	0.000	0.002	-0.004	0.005	+	
D6-3151.4	349.031	43.524	-0.697	349.031	43.526	-0.702	0.000	0.002	-0.004	0.005	+	
D6-3151.5	349.035	43.545	0.392	349.035	43.547	0.387	0.000	0.002	-0.004	0.005	+	
D6-3151.6	349.049	43.001	1.415	349.049	43.003	1.410	0.000	0.002	-0.004	0.005	+	
D6-3151.7	349.092	41.048	2.123	349.092	41.050	2.119	0.000	0.002	-0.005	0.005	+	
D6-3151.8	349.121	39.436	1.098	349.121	39.437	1.093	0.000	0.002	-0.005	0.005	+	
D6-3151.9	349.122	39.103	0.171	349.122	39.104	0.167	0.000	0.002	-0.005	0.005	+	
D6-3160.3	358.044	43.438	-1.197	358.044	43.440	-1.201	0.000	0.002	-0.004	0.005	+	
D6-3160.4	358.044	43.642	-0.695	358.044	43.644	-0.699	0.000	0.002	-0.004	0.005	+	
D6-3160.5	358.045	43.669	0.386	358.045	43.671	0.381	0.000	0.002	-0.004	0.005	+	
D6-3160.6	358.051	43.131	1.423	358.051	43.133	1.418	0.000	0.002	-0.004	0.005	+	
D6-3160.7	358.077	41.181	2.134	358.078	41.183	2.129	0.000	0.002	-0.005	0.005	+	
D6-3160.8	358.098	39.554	1.101	358.099	39.555	1.096	0.000	0.001	-0.005	0.005	+	
D6-3160.9	358.102	39.243	0.304	358.102	39.244	0.299	0.000	0.001	-0.005	0.005	+	
D6-3169.3	367.047	43.580	-1.197	367.048	43.582	-1.201	0.000	0.001	-0.004	0.005	+	
D6-3169.4	367.044	43.782	-0.701	367.045	43.784	-0.705	0.000	0.002	-0.004	0.005	+	
D6-3169.5	367.043	43.805	0.385	367.043	43.807	0.381	0.000	0.002	-0.004	0.005	+	
D6-3169.6	367.050	43.277	1.398	367.050	43.279	1.394	0.000	0.002	-0.005	0.005	+	
D6-3169.7	367.077	41.316	2.128	367.077	41.318	2.123	0.000	0.001	-0.005	0.005	+	
D6-3169.8	367.100	39.691	1.098	367.100	39.692	1.093	0.000	0.001	-0.004	0.005	+	
D6-3169.9	367.106	39.359	0.168	367.107	39.360	0.164	0.000	0.001	-0.004	0.004	+	
D6-3178.3	376.036	43.722	-1.199	376.036	43.723	-1.203	0.000	0.001	-0.004	0.004	+	
D6-3178.4	376.029	43.926	-0.696	376.030	43.927	-0.700	0.000	0.001	-0.004	0.004	+	
D6-3178.5	376.027	43.946	0.388	376.027	43.948	0.384	0.000	0.002	-0.004	0.004	+	
D6-3178.6	376.037	43.413	1.403	376.037	43.414	1.399	0.000	0.001	-0.004	0.005	+	
D6-3178.7	376.076	41.459	2.132	376.076	41.460	2.127	0.000	0.001	-0.005	0.005	+	
D6-3178.8	376.114	39.834	1.099	376.114	39.835	1.095	0.000	0.001	-0.004	0.004	+	
D6-3178.9	376.122	39.505	0.176	376.122	39.506	0.172	0.000	0.001	-0.004	0.004	+	
D6-3187.10	385.102	40.035	-1.407	385.102	40.036	-1.411	0.000	0.001	-0.004	0.004	+	
D6-3187.3	385.041	43.873	-1.191	385.042	43.874	-1.194	0.000	0.001	-0.003	0.004	+	
D6-3187.4	385.042	44.075	-0.687	385.042	44.076	-0.691	0.000	0.001	-0.004	0.004	+	
D6-3187.5	385.044	44.124	0.230	385.044	44.126	0.226	0.000	0.001	-0.004	0.004	+	
D6-3187.6	385.051	43.561	1.406	385.051	43.562	1.403	0.000	0.001	-0.004	0.004	+	
D6-3187.7	385.085	41.603	2.131	385.085	41.604	2.127	0.000	0.001	-0.004	0.004	+	
D6-3187.8	385.108	39.974	1.096	385.108	39.975	1.092	0.000	0.001	-0.004	0.004	+	
D6-3187.9	385.108	39.648	0.169	385.108	39.649	0.166	0.000	0.001	-0.004	0.004	+	
D6-3196.3	394.049	44.002	-1.207	394.050	44.003	-1.210	0.000	0.001	-0.003	0.003	+	
D6-3196.4	394.049	44.206	-0.709	394.050	44.207	-0.712	0.000	0.001	-0.003	0.003	+	
D6-3196.5	394.050	44.231	0.378	394.050	44.233	0.375	0.000	0.001	-0.003	0.004	+	
D6-3196.6	394.055	43.692	1.407	394.055	43.694	1.403	0.000	0.001	-0.003	0.004	+	
D6-3196.7	394.083	41.734	2.126	394.083	41.735	2.123	0.000	0.001	-0.004	0.004	+	
D6-3196.8	394.102	40.117	1.099	394.102	40.118	1.096	0.000	0.001	-0.004	0.004	+	
D6-3196.9	394.103	39.786	0.171	394.103	39.786	0.167	0.000	0.001	-0.003	0.004	+	
D6-3205.3	403.039	44.134	-1.206	403.039	44.135	-1.208	0.000	0.001	-0.002	0.003	+	
D6-3205.4	403.034	44.343	-0.704	403.034	44.344	-0.707	0.000	0.001	-0.002	0.003	+	
D6-3205.5	403.028	44.381	0.379	403.028	44.382	0.377	0.000	0.001	-0.003	0.003	+	
D6-3205.6	403.039	43.847	1.422	403.039	43.849	1.419	0.000	0.001	-0.003	0.003	+	
D6-3205.7	403.065	41.900	2.146	403.065	41.902	2.143	0.000	0.001	-0.003	0.003	+	
D6-3205.8	403.099	40.256	1.108	403.099	40.257	1.105	0.000	0.001	-0.003	0.003	+	
D6-3205.9	403.110	39.925	0.176	403.110	39.926	0.173	0.000	0.001	-0.003	0.003	+	
D6-3214.3	412.046	44.297	-1.201	412.046	44.298	-1.203	0.000	0.001	-0.002	0.002	+	
D6-3214.4	412.046	44.498	-0.705	412.046	44.499	-0.707	0.000	0.001	-0.002	0.002	+	

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta				Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)			
D6-3214.5	412.051	44.520	0.391	412.051	44.522	0.389	0.000	0.001	-0.002	0.002	+	
D6-3214.6	412.061	43.984	1.408	412.061	43.985	1.406	0.000	0.001	-0.002	0.002	+	
D6-3214.7	412.088	42.038	2.126	412.089	42.039	2.124	0.000	0.001	-0.002	0.003	+	
D6-3214.8	412.105	40.419	1.110	412.105	40.420	1.108	0.000	0.001	-0.002	0.002	+	
D6-3214.9	412.105	40.077	0.171	412.105	40.078	0.169	0.000	0.001	-0.002	0.002	+	
D6-3223.3	421.043	44.419	-1.199	421.043	44.420	-1.201	0.000	0.001	-0.001	0.002	+	
D6-3223.4	421.039	44.626	-0.695	421.039	44.627	-0.696	0.000	0.001	-0.001	0.002	+	
D6-3223.5	421.036	44.654	0.387	421.036	44.656	0.386	0.000	0.001	-0.002	0.002	+	
D6-3223.6	421.044	44.116	1.419	421.044	44.117	1.418	0.000	0.001	-0.002	0.002	+	
D6-3223.7	421.077	42.159	2.141	421.077	42.160	2.140	0.000	0.001	-0.002	0.002	+	
D6-3223.8	421.111	40.542	1.117	421.111	40.543	1.115	0.000	0.001	-0.002	0.002	+	
D6-3223.9	421.114	40.229	0.317	421.114	40.231	0.316	0.000	0.001	-0.001	0.002	+	
D6-3232.3	430.040	44.565	-1.202	430.040	44.566	-1.203	0.000	0.001	-0.001	0.002	+	
D6-3232.4	430.033	44.769	-0.699	430.033	44.770	-0.700	0.000	0.001	-0.001	0.002	+	
D6-3232.5	430.031	44.790	0.384	430.031	44.791	0.383	0.000	0.001	-0.001	0.002	+	
D6-3232.6	430.040	44.122	1.539	430.040	44.123	1.538	-0.000	0.001	-0.001	0.002	+	
D6-3232.7	430.078	42.291	2.128	430.077	42.293	2.127	-0.000	0.001	-0.001	0.002	+	
D6-3232.8	430.104	40.695	1.128	430.104	40.696	1.127	0.000	0.001	-0.001	0.002	+	
D6-3232.9	430.109	40.349	0.176	430.109	40.350	0.175	0.000	0.001	-0.001	0.002	+	
D6-3241.10	439.104	40.869	-1.396	439.104	40.870	-1.397	0.000	0.001	-0.001	0.001	+	
D6-3241.3	439.042	44.695	-1.208	439.042	44.696	-1.208	0.000	0.001	-0.001	0.001	+	
D6-3241.4	439.041	44.902	-0.704	439.041	44.903	-0.705	0.000	0.001	-0.001	0.001	+	
D6-3241.5	439.041	44.932	0.380	439.041	44.933	0.379	0.000	0.001	-0.001	0.001	+	
D6-3241.6	439.050	44.376	1.435	439.050	44.377	1.434	-0.000	0.001	-0.001	0.001	+	
D6-3241.7	439.080	42.425	2.140	439.080	42.426	2.139	0.000	0.001	-0.001	0.002	+	
D6-3241.8	439.108	40.813	1.113	439.108	40.814	1.112	0.000	0.001	-0.001	0.001	+	
D6-3241.9	439.110	40.480	0.119	439.110	40.481	0.118	0.000	0.001	-0.001	0.001	+	
D6-3250.3	448.044	44.831	-1.196	448.044	44.832	-1.197	0.000	0.001	-0.000	0.001	+	
D6-3250.4	448.039	45.036	-0.701	448.039	45.038	-0.702	0.000	0.001	-0.000	0.001	+	
D6-3250.5	448.039	45.069	0.393	448.039	45.070	0.392	0.000	0.001	-0.001	0.001	+	
D6-3250.6	448.047	44.530	1.430	448.047	44.531	1.430	0.000	0.001	-0.001	0.001	+	
D6-3250.7	448.079	42.588	2.145	448.079	42.589	2.144	0.000	0.001	-0.001	0.001	+	
D6-3250.8	448.106	40.947	1.108	448.106	40.948	1.108	0.000	0.001	-0.001	0.001	+	
D6-3250.9	448.110	40.618	0.167	448.110	40.619	0.167	0.000	0.001	-0.001	0.001	+	
D6-3259.3	457.024	44.955	-1.200	457.024	44.957	-1.200	0.000	0.001	-0.000	0.001	+	
D6-3259.4	457.024	45.170	-0.705	457.024	45.171	-0.705	0.000	0.001	-0.000	0.001	+	
D6-3259.5	457.028	45.220	0.386	457.028	45.221	0.385	0.000	0.001	-0.000	0.001	+	
D6-3259.6	457.041	44.700	1.431	457.041	44.702	1.431	0.000	0.001	-0.000	0.001	+	
D6-3259.7	457.083	42.739	2.160	457.083	42.740	2.159	0.000	0.001	-0.000	0.001	+	
D6-3259.8	457.115	41.076	1.105	457.115	41.077	1.105	0.000	0.001	-0.000	0.001	+	
D6-3259.9	457.119	40.753	0.166	457.119	40.754	0.166	0.000	0.001	-0.000	0.001	+	
D6-3268.3	466.043	45.140	-1.195	466.043	45.141	-1.195	0.000	0.001	0.000	0.001	+	
D6-3268.4	466.040	45.339	-0.700	466.040	45.341	-0.700	0.000	0.001	0.000	0.001	+	
D6-3268.5	466.038	45.363	0.391	466.038	45.364	0.391	0.000	0.001	-0.000	0.001	+	
D6-3268.6	466.041	44.826	1.415	466.042	44.827	1.415	0.000	0.001	0.000	0.001	+	
D6-3268.7	466.076	42.865	2.130	466.076	42.867	2.130	0.000	0.001	-0.000	0.001	+	
D6-3268.8	466.103	41.256	1.115	466.103	41.257	1.115	0.000	0.001	-0.000	0.001	+	
D6-3268.9	466.106	40.920	0.181	466.106	40.921	0.181	0.000	0.001	0.000	0.001	+	
D6-3277.3	475.040	45.246	-1.197	475.040	45.247	-1.197	0.000	0.001	0.000	0.001	+	
D6-3277.4	475.037	45.451	-0.705	475.038	45.452	-0.704	0.000	0.001	0.000	0.001	+	
D6-3277.5	475.035	45.490	0.384	475.035	45.491	0.384	0.000	0.001	0.000	0.001	+	
D6-3277.6	475.043	44.962	1.420	475.043	44.963	1.421	0.000	0.001	0.000	0.001	+	
D6-3277.7	475.070	43.005	2.148	475.070	43.007	2.148	0.000	0.001	0.000	0.001	+	
D6-3277.8	475.098	41.364	1.113	475.098	41.365	1.113	0.000	0.001	0.000	0.001	+	
D6-3277.9	475.103	41.038	0.180	475.103	41.039	0.181	0.000	0.001	0.000	0.001	+	
D6-3286.3	484.048	45.398	-1.202	484.049	45.399	-1.202	0.000	0.001	0.000	0.001	+	
D6-3286.4	484.044	45.603	-0.704	484.044	45.605	-0.704	0.000	0.001	0.000	0.001	+	
D6-3286.5	484.040	45.635	0.384	484.040	45.637	0.385	0.000	0.001	0.000	0.001	+	
D6-3286.6	484.044	45.105	1.412	484.044	45.106	1.412	0.000	0.001	0.000	0.001	+	
D6-3286.7	484.067	43.135	2.141	484.067	43.136	2.141	0.000	0.001	0.000	0.001	+	
D6-3286.8	484.095	41.522	1.115	484.095	41.523	1.116	0.000	0.001	0.000	0.001	+	

XTD1-XS2-XTD6

Vector Group

PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930

Name	Begin			End			Delta				Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)			
D6-3286.9	484.100	41.189	0.175	484.101	41.190	0.176	0.000	0.001	0.000	0.001	+	
D6-3295.10	493.096	41.701	-1.397	493.097	41.702	-1.397	0.000	0.001	0.000	0.001	+	
D6-3295.3	493.036	45.523	-1.198	493.036	45.524	-1.197	0.000	0.001	0.000	0.001	+	
D6-3295.4	493.037	45.730	-0.695	493.037	45.731	-0.695	0.000	0.001	0.000	0.001	+	
D6-3295.5	493.039	45.760	0.387	493.039	45.761	0.387	0.000	0.001	0.000	0.001	+	
D6-3295.6	493.048	45.227	1.424	493.048	45.228	1.424	0.000	0.001	0.000	0.001	+	
D6-3295.7	493.085	43.262	2.144	493.085	43.263	2.144	0.000	0.001	-0.000	0.001	+	
D6-3295.8	493.106	41.646	1.108	493.106	41.647	1.108	0.000	0.001	0.000	0.001	+	
D6-3295.9	493.107	41.320	0.181	493.107	41.321	0.181	0.000	0.001	0.000	0.001	+	
D6-3304.3	502.039	45.687	-1.197	502.039	45.689	-1.197	0.000	0.001	0.000	0.001	+	
D6-3304.4	502.035	45.891	-0.698	502.036	45.892	-0.698	0.000	0.001	0.000	0.001	+	
D6-3304.5	502.034	45.918	0.390	502.035	45.919	0.390	0.000	0.001	-0.000	0.001	+	
D6-3304.6	502.042	45.377	1.425	502.042	45.378	1.425	0.000	0.001	-0.000	0.001	+	
D6-3304.7	502.068	43.422	2.139	502.069	43.423	2.139	0.000	0.001	-0.000	0.001	+	
D6-3304.8	502.091	41.806	1.109	502.092	41.807	1.109	0.000	0.001	-0.000	0.001	+	
D6-3304.9	502.091	41.495	0.299	502.092	41.496	0.299	0.000	0.001	-0.000	0.001	+	
D6-3313.3	511.046	45.825	-1.198	511.046	45.826	-1.198	0.001	0.001	0.000	0.001	+	
D6-3313.4	511.041	46.030	-0.701	511.042	46.031	-0.701	0.001	0.001	0.000	0.001	+	
D6-3313.5	511.033	46.062	0.388	511.034	46.064	0.388	0.001	0.001	-0.000	0.001	+	
D6-3313.6	511.036	45.532	1.414	511.037	45.533	1.413	0.001	0.001	-0.000	0.001	+	
D6-3313.7	511.049	43.564	2.140	511.050	43.565	2.140	0.001	0.001	-0.001	0.001	+	
D6-3313.8	511.082	41.940	1.107	511.083	41.941	1.106	0.001	0.001	-0.000	0.001	+	
D6-3313.9	511.090	41.611	0.169	511.091	41.611	0.169	0.001	0.001	-0.000	0.001	+	
D6-3322.3	520.030	45.940	-1.195	520.031	45.941	-1.195	0.001	0.001	0.000	0.001	+	
D6-3322.4	520.028	46.148	-0.694	520.029	46.148	-0.694	0.001	0.001	0.000	0.001	+	
D6-3322.5	520.024	46.182	0.391	520.025	46.183	0.391	0.001	0.001	-0.000	0.001	+	
D6-3322.6	520.032	45.650	1.428	520.033	45.650	1.428	0.001	0.000	-0.000	0.001	+	
D6-3322.7	520.062	43.718	2.156	520.063	43.719	2.155	0.001	0.000	-0.000	0.001	+	
D6-3322.8	520.091	42.051	1.107	520.092	42.051	1.106	0.001	0.000	-0.000	0.001	+	
D6-3322.9	520.099	41.727	0.162	520.100	41.724	0.161	0.001	-0.003	-0.001	0.004	+	
D6-3331.3	529.026	46.117	-1.196	529.027	46.117	-1.196	0.001	0.000	-0.000	0.001	+	
D6-3331.4	529.019	46.322	-0.697	529.020	46.322	-0.697	0.001	0.000	-0.000	0.001	+	
D6-3331.5	529.012	46.353	0.392	529.013	46.353	0.391	0.001	-0.000	-0.000	0.001	+	
D6-3331.6	529.024	45.814	1.426	529.025	45.814	1.426	0.001	-0.000	-0.000	0.001	+	
D6-3331.7	529.070	43.636	2.100	529.071	43.636	2.099	0.001	-0.000	-0.001	0.001	+	
D6-3331.8	529.100	42.240	1.115	529.101	42.240	1.114	0.001	-0.000	-0.001	0.001	+	
D6-3331.9	529.110	41.907	0.165	529.111	41.907	0.164	0.001	0.000	-0.001	0.001	+	
D6-3334.4	531.777	46.399	0.213	531.778	46.399	0.212	0.001	-0.000	-0.001	0.001	+	
D6-3334.9	532.274	41.423	0.253	532.275	41.423	0.252	0.001	-0.000	-0.001	0.002	+	
D6-3335.10	533.661	41.400	-1.265	533.662	41.401	-1.267	0.001	0.000	-0.001	0.001	+	
D6-3335.8	533.590	41.401	1.674	533.591	41.401	1.672	0.001	-0.000	-0.001	0.002	+	
D6-3335.9	533.630	41.400	0.255	533.630	41.400	0.254	0.001	-0.000	-0.001	0.002	+	
D6-3336.31	533.911	46.242	-1.278	533.912	46.242	-1.279	0.001	-0.000	-0.001	0.001	+	
D6-3336.34	533.852	41.520	-1.273	533.853	41.520	-1.275	0.001	-0.000	-0.001	0.002	+	
D6-3336.41	533.911	46.225	0.256	533.912	46.224	0.255	0.001	-0.000	-0.001	0.001	+	
D6-3336.42	533.885	44.361	0.259	533.886	44.361	0.258	0.001	-0.000	-0.001	0.002	+	
D6-3336.43	533.865	42.954	0.259	533.866	42.953	0.258	0.001	-0.000	-0.001	0.002	+	
D6-3336.44	533.849	41.543	0.257	533.850	41.543	0.256	0.001	-0.000	-0.001	0.002	+	
D6-3336.52	533.887	44.346	1.658	533.888	44.345	1.657	0.001	-0.000	-0.001	0.002	+	
D6-3336.53	533.865	42.918	1.657	533.866	42.917	1.655	0.001	-0.000	-0.001	0.002	+	
D6-3336.54	533.853	41.569	1.659	533.854	41.569	1.657	0.001	-0.000	-0.001	0.002	+	
D6-VR-1.3	530.537	48.745	-1.241	530.538	48.745	-1.241	0.001	0.000	-0.000	0.001	+	
D6-VR-1.4	530.537	48.725	-0.562	530.538	48.725	-0.562	0.001	-0.000	-0.000	0.001	+	
D6-VR-1.5	530.539	48.707	0.599	530.540	48.707	0.599	0.001	-0.000	-0.000	0.001	+	
D6-VR-1.6	530.540	48.739	1.281	530.541	48.739	1.281	0.001	-0.000	-0.000	0.001	+	
D6-VR-2.3	532.308	51.388	-1.292	532.309	51.388	-1.293	0.001	-0.000	-0.000	0.001	+	
D6-VR-2.4	532.334	51.388	-0.493	532.335	51.388	-0.494	0.001	-0.000	-0.000	0.001	+	
D6-VR-2.5	532.270	51.392	0.390	532.271	51.392	0.390	0.002	-0.000	-0.000	0.002	+	
D6-VR-2.6	532.318	51.393	1.280	532.320	51.392	1.279	0.001	-0.000	-0.000	0.001	+	
D6-VR-3.3	532.692	52.281	-1.223	532.693	52.281	-1.223	0.001	-0.000	-0.000	0.001	+	
D6-VR-3.4	532.691	52.244	-0.565	532.692	52.243	-0.566	0.001	-0.000	-0.000	0.001	+	

XTD1-XS2-XTD6

Vector Group										
PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt 20140930										
Name	Begin			End			Delta			
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)	Mag (m)
...TRUNCATED...										