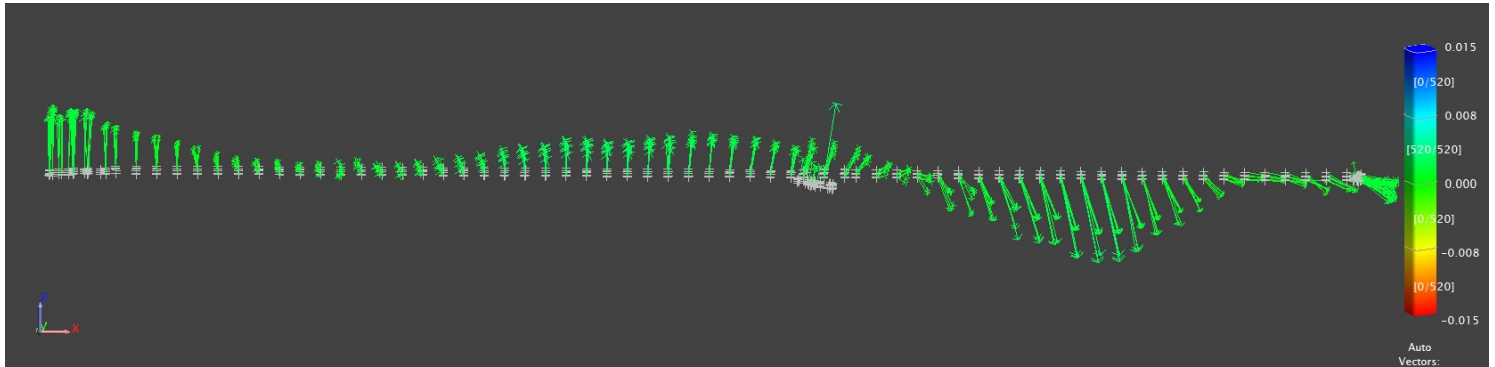


XS3-XTD4-XSDU2-XTD10



All Vectors Summary: Vector Group				
PANDA_PR_Komplett::Auto Vectors: Groups: LA_XFEL_Gesamt				
Statistic	dX (m)	dY (m)	dZ (m)	Mag (m)
Min	-0.000	-0.004	-0.004	0.001
Max	0.002	0.002	0.003	0.005
Average	0.000	-0.001	0.000	0.003
StdDev from Avg	0.001	0.002	0.002	0.001
StdDev from Zero	0.001	0.002	0.002	0.003
RMS	0.001	0.002	0.002	0.003
Tol Range				-0.001 0.001
In Tol				0 (0.0%)
Out Tol				520 (100.0%)
Count	520			

Vector Group											
PANDA_PR_Komplett::Auto Vectors: Groups: LA_XFEL_Gesamt											
Name	Begin			End			Delta				
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)	Mag (m)	
D10-1.2	532.616	-27.165	1.147	532.618	-27.162	1.146	0.002	0.002	-0.001	0.003	+
D10-3115.3	310.692	-16.762	-1.204	310.692	-16.764	-1.203	0.000	-0.002	0.001	0.002	+
D10-3115.4	310.684	-16.924	-0.816	310.684	-16.926	-0.815	0.000	-0.002	0.001	0.002	+
D10-3115.5	310.676	-16.960	0.370	310.676	-16.962	0.370	0.000	-0.002	0.001	0.002	+
D10-3115.6	310.677	-16.824	0.768	310.678	-16.826	0.769	0.000	-0.002	0.001	0.002	+
D10-3115.7	310.764	-14.964	2.091	310.765	-14.966	2.092	0.001	-0.002	0.001	0.002	+
D10-3115.8	310.888	-12.630	0.571	310.888	-12.632	0.572	0.000	-0.002	0.001	0.002	+
D10-3124.3	319.681	-17.167	-1.204	319.682	-17.169	-1.203	0.000	-0.002	0.001	0.002	+
D10-3124.4	319.674	-17.337	-0.813	319.674	-17.340	-0.812	0.000	-0.002	0.001	0.002	+
D10-3124.5	319.668	-17.389	0.382	319.669	-17.391	0.383	0.000	-0.002	0.001	0.002	+
D10-3124.6	319.671	-17.257	0.783	319.672	-17.259	0.783	0.001	-0.002	0.001	0.002	+
D10-3124.7	319.762	-15.389	2.131	319.763	-15.390	2.131	0.001	-0.002	0.000	0.002	+
D10-3124.8	319.881	-13.041	0.576	319.881	-13.043	0.576	0.000	-0.002	0.000	0.002	+
D10-3124.9	319.880	-13.211	-1.200	319.880	-13.213	-1.199	0.000	-0.002	0.000	0.002	+
D10-3133.3	328.677	-17.570	-1.209	328.677	-17.572	-1.209	0.000	-0.002	0.000	0.002	+
D10-3133.4	328.670	-17.743	-0.816	328.671	-17.745	-0.816	0.000	-0.002	0.000	0.002	+
D10-3133.5	328.668	-17.801	0.374	328.668	-17.803	0.375	0.000	-0.002	0.000	0.002	+
D10-3133.6	328.672	-17.669	0.780	328.673	-17.671	0.781	0.000	-0.002	0.000	0.002	+
D10-3133.7	328.759	-15.792	2.133	328.759	-15.794	2.133	0.001	-0.002	0.000	0.002	+
D10-3133.8	328.870	-13.443	0.571	328.870	-13.445	0.571	0.000	-0.002	-0.000	0.002	+
D10-3133.9	328.860	-13.621	-1.209	328.861	-13.623	-1.209	0.000	-0.002	-0.000	0.002	+
D10-3142.3	337.649	-18.001	-1.205	337.650	-18.003	-1.205	0.000	-0.002	0.000	0.002	+
D10-3142.4	337.645	-18.172	-0.806	337.645	-18.174	-0.806	0.000	-0.002	0.000	0.002	+
D10-3142.5	337.646	-18.216	0.382	337.646	-18.219	0.382	0.001	-0.002	0.000	0.002	+
D10-3142.6	337.653	-18.084	0.779	337.654	-18.087	0.779	0.001	-0.002	0.000	0.002	+
D10-3142.7	337.757	-16.209	2.123	337.758	-16.210	2.122	0.001	-0.002	-0.000	0.002	+
D10-3142.8	337.869	-13.874	0.572	337.869	-13.876	0.572	0.000	-0.002	-0.001	0.002	+

XS3-XTD4-XSDU2-XTD10

Vector Group

PANDA_PR Komplett::Auto Vectors: Groups: LA XFEL Gesamt

Name	Begin			End			Delta			Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)	(m)	
D10-3142.9	337.858	-14.031	-1.195	337.858	-14.032	-1.196	0.000	-0.002	-0.001	0.002	+
D10-3151.3	346.668	-18.405	-1.201	346.669	-18.407	-1.202	0.001	-0.002	-0.001	0.002	+
D10-3151.4	346.659	-18.577	-0.814	346.660	-18.579	-0.814	0.001	-0.002	-0.001	0.002	+
D10-3151.5	346.647	-18.640	0.376	346.648	-18.642	0.376	0.001	-0.002	-0.001	0.002	+
D10-3151.6	346.647	-18.515	0.771	346.648	-18.517	0.771	0.000	-0.002	-0.001	0.002	+
D10-3151.7	346.719	-16.628	2.143	346.720	-16.630	2.141	0.001	-0.002	-0.001	0.003	+
D10-3151.8	346.837	-14.276	0.567	346.838	-14.277	0.566	0.001	-0.001	-0.002	0.002	+
D10-3151.9	346.838	-14.456	-1.203	346.839	-14.458	-1.204	0.000	-0.001	-0.001	0.002	+
D10-3160.3	355.652	-18.815	-1.203	355.653	-18.817	-1.203	0.001	-0.002	-0.001	0.002	+
D10-3160.4	355.647	-18.993	-0.806	355.647	-18.994	-0.807	0.001	-0.002	-0.001	0.002	+
D10-3160.5	355.644	-19.058	0.375	355.645	-19.060	0.374	0.001	-0.002	-0.001	0.002	+
D10-3160.6	355.647	-18.928	0.782	355.647	-18.930	0.782	0.001	-0.002	-0.001	0.002	+
D10-3160.7	355.729	-17.057	2.157	355.729	-17.059	2.156	0.001	-0.002	-0.001	0.002	+
D10-3160.8	355.832	-14.693	0.569	355.833	-14.695	0.567	0.001	-0.001	-0.002	0.002	+
D10-3160.9	355.829	-14.882	-1.196	355.829	-14.883	-1.198	0.001	-0.001	-0.001	0.002	+
D10-3169.3	364.632	-19.242	-1.207	364.632	-19.244	-1.208	0.001	-0.002	-0.001	0.002	+
D10-3169.4	364.628	-19.414	-0.818	364.629	-19.415	-0.819	0.001	-0.002	-0.001	0.002	+
D10-3169.5	364.633	-19.475	0.374	364.633	-19.477	0.373	0.001	-0.002	-0.001	0.002	+
D10-3169.6	364.639	-19.344	0.780	364.640	-19.346	0.779	0.001	-0.002	-0.001	0.002	+
D10-3169.7	364.726	-17.475	2.139	364.726	-17.476	2.137	0.001	-0.002	-0.002	0.003	+
D10-3169.8	364.830	-15.122	0.576	364.831	-15.122	0.574	0.001	-0.001	-0.002	0.002	+
D10-3169.9	364.815	-15.291	-1.204	364.815	-15.291	-1.206	0.001	-0.001	-0.002	0.002	+
D10-3178.3	373.636	-19.668	-1.203	373.637	-19.670	-1.204	0.001	-0.002	-0.001	0.002	+
D10-3178.4	373.629	-19.835	-0.814	373.629	-19.836	-0.815	0.001	-0.002	-0.001	0.002	+
D10-3178.5	373.625	-19.880	0.381	373.626	-19.883	0.379	0.001	-0.002	-0.001	0.003	+
D10-3178.6	373.627	-19.743	0.783	373.628	-19.745	0.782	0.001	-0.002	-0.001	0.003	+
D10-3178.7	373.706	-17.885	2.108	373.707	-17.886	2.105	0.001	-0.002	-0.003	0.003	+
D10-3178.8	373.812	-15.525	0.554	373.813	-15.525	0.552	0.001	-0.000	-0.002	0.003	+
D10-3178.9	373.813	-15.686	-1.210	373.813	-15.687	-1.212	0.001	-0.001	-0.002	0.002	+
D10-3187.3	382.616	-20.078	-1.190	382.616	-20.080	-1.192	0.001	-0.001	-0.002	0.002	+
D10-3187.4	382.608	-20.244	-0.806	382.609	-20.246	-0.808	0.001	-0.002	-0.002	0.003	+
D10-3187.5	382.607	-20.299	0.385	382.608	-20.301	0.383	0.001	-0.002	-0.002	0.003	+
D10-3187.6	382.613	-20.164	0.793	382.614	-20.166	0.791	0.001	-0.002	-0.002	0.003	+
D10-3187.7	382.697	-18.304	2.134	382.698	-18.306	2.131	0.001	-0.002	-0.003	0.004	+
D10-3187.8	382.810	-15.945	0.561	382.811	-15.946	0.558	0.001	-0.001	-0.003	0.003	+
D10-3187.9	382.801	-16.123	-1.214	382.801	-16.124	-1.216	0.001	-0.000	-0.003	0.003	+
D10-3196.3	391.612	-20.485	-1.199	391.613	-20.486	-1.200	0.001	-0.001	-0.002	0.002	+
D10-3196.4	391.604	-20.653	-0.818	391.604	-20.654	-0.820	0.001	-0.001	-0.002	0.002	+
D10-3196.5	391.600	-20.716	0.375	391.601	-20.717	0.373	0.001	-0.002	-0.002	0.003	+
D10-3196.6	391.603	-20.586	0.779	391.604	-20.588	0.777	0.001	-0.002	-0.002	0.003	+
D10-3196.7	391.681	-18.709	2.132	391.682	-18.711	2.129	0.001	-0.001	-0.003	0.003	+
D10-3196.8	391.795	-16.355	0.575	391.795	-16.356	0.572	0.001	-0.000	-0.003	0.003	+
D10-3196.9	391.797	-16.524	-1.202	391.798	-16.525	-1.205	0.001	-0.000	-0.003	0.003	+
D10-3205.3	400.600	-20.898	-1.212	400.601	-20.899	-1.214	0.001	-0.001	-0.002	0.003	+
D10-3205.4	400.593	-21.069	-0.826	400.593	-21.071	-0.828	0.001	-0.001	-0.002	0.003	+
D10-3205.5	400.591	-21.135	0.365	400.592	-21.137	0.363	0.001	-0.002	-0.002	0.003	+
D10-3205.6	400.598	-21.009	0.763	400.599	-21.011	0.761	0.001	-0.002	-0.002	0.003	+
D10-3205.7	400.690	-19.114	2.139	400.690	-19.116	2.135	0.001	-0.001	-0.004	0.004	+
D10-3205.8	400.790	-16.779	0.572	400.791	-16.779	0.568	0.001	-0.000	-0.004	0.004	+
D10-3205.9	400.781	-16.950	-1.200	400.782	-16.950	-1.204	0.001	-0.000	-0.003	0.003	+
D10-3214.3	409.590	-21.313	-1.204	409.591	-21.314	-1.206	0.001	-0.001	-0.002	0.003	+
D10-3214.4	409.583	-21.477	-0.823	409.584	-21.479	-0.825	0.001	-0.001	-0.002	0.003	+
D10-3214.5	409.587	-21.533	0.364	409.588	-21.534	0.362	0.001	-0.002	-0.002	0.003	+
D10-3214.6	409.591	-21.400	0.770	409.592	-21.402	0.768	0.001	-0.002	-0.002	0.003	+
D10-3214.7	409.681	-19.525	2.120	409.682	-19.526	2.116	0.001	-0.001	-0.004	0.004	+
D10-3214.8	409.788	-17.178	0.569	409.789	-17.179	0.566	0.001	-0.001	-0.004	0.004	+
D10-3214.9	409.776	-17.340	-1.203	409.776	-17.340	-1.206	0.001	-0.000	-0.004	0.004	+
D10-3223.3	418.589	-21.719	-1.201	418.590	-21.720	-1.203	0.001	-0.001	-0.002	0.003	+
D10-3223.4	418.580	-21.890	-0.809	418.581	-21.891	-0.811	0.001	-0.001	-0.002	0.003	+
D10-3223.5	418.574	-21.945	0.377	418.575	-21.947	0.374	0.001	-0.001	-0.002	0.003	+
D10-3223.6	418.578	-21.814	0.779	418.579	-21.816	0.776	0.001	-0.002	-0.002	0.003	+

XS3-XTD4-XSDU2-XTD10

Vector Group

PANDA_PR Komplett::Auto Vectors: Groups: LA XFEL Gesamt

Name	Begin			End			Delta				
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)	Mag (m)	
D10-3223.7	418.657	-19.935	2.136	418.658	-19.936	2.132	0.001	-0.001	-0.004	0.004	+
D10-3223.8	418.768	-17.590	0.568	418.769	-17.590	0.564	0.001	-0.000	-0.004	0.004	+
D10-3223.9	418.766	-17.758	-1.202	418.767	-17.758	-1.206	0.001	-0.000	-0.004	0.004	+
D10-3232.3	427.575	-22.144	-1.199	427.576	-22.144	-1.201	0.001	-0.001	-0.002	0.002	+
D10-3232.4	427.569	-22.316	-0.812	427.570	-22.316	-0.814	0.001	-0.001	-0.002	0.002	+
D10-3232.5	427.566	-22.379	0.375	427.567	-22.381	0.373	0.001	-0.001	-0.002	0.003	+
D10-3232.6	427.570	-22.253	0.777	427.571	-22.254	0.774	0.001	-0.001	-0.002	0.003	+
D10-3232.7	427.659	-20.368	2.150	427.660	-20.369	2.146	0.001	-0.001	-0.003	0.004	+
D10-3232.8	427.767	-18.022	0.570	427.767	-18.022	0.566	0.001	0.000	-0.003	0.003	+
D10-3232.9	427.754	-18.202	-1.198	427.755	-18.202	-1.201	0.001	0.000	-0.003	0.003	+
D10-3241.3	436.567	-22.577	-1.194	436.568	-22.577	-1.195	0.001	-0.000	-0.002	0.002	+
D10-3241.4	436.559	-22.742	-0.804	436.559	-22.743	-0.806	0.001	-0.001	-0.002	0.002	+
D10-3241.5	436.547	-22.785	0.387	436.548	-22.786	0.385	0.001	-0.001	-0.002	0.002	+
D10-3241.6	436.550	-22.648	0.788	436.551	-22.649	0.787	0.001	-0.001	-0.002	0.002	+
D10-3241.7	436.638	-20.797	2.121	436.639	-20.798	2.118	0.001	-0.000	-0.003	0.003	+
D10-3241.8	436.758	-18.435	0.564	436.758	-18.435	0.561	0.001	0.000	-0.003	0.003	+
D10-3241.9	436.755	-18.600	-1.202	436.756	-18.600	-1.205	0.001	0.000	-0.002	0.003	+
D10-3250.3	445.575	-22.955	-1.199	445.575	-22.955	-1.200	0.001	-0.000	-0.001	0.002	+
D10-3250.4	445.567	-23.125	-0.809	445.568	-23.125	-0.811	0.001	-0.000	-0.001	0.002	+
D10-3250.5	445.561	-23.177	0.381	445.562	-23.177	0.379	0.001	-0.001	-0.002	0.002	+
D10-3250.6	445.563	-23.045	0.780	445.564	-23.046	0.778	0.001	-0.001	-0.002	0.002	+
D10-3250.7	445.633	-21.177	2.124	445.634	-21.177	2.122	0.001	-0.000	-0.002	0.003	+
D10-3250.8	445.733	-18.833	0.581	445.733	-18.833	0.579	0.001	0.000	-0.002	0.002	+
D10-3250.9	445.736	-18.983	-1.195	445.737	-18.983	-1.197	0.001	0.000	-0.002	0.002	+
D10-3259.3	454.537	-23.378	-1.195	454.538	-23.377	-1.195	0.001	0.000	-0.001	0.001	+
D10-3259.4	454.529	-23.544	-0.805	454.530	-23.544	-0.806	0.001	0.000	-0.001	0.001	+
D10-3259.5	454.530	-23.591	0.379	454.531	-23.591	0.377	0.001	-0.000	-0.001	0.001	+
D10-3259.6	454.536	-23.459	0.777	454.537	-23.460	0.776	0.001	-0.000	-0.001	0.001	+
D10-3259.7	454.631	-21.592	2.124	454.632	-21.592	2.122	0.001	0.000	-0.002	0.002	+
D10-3259.8	454.746	-19.246	0.564	454.746	-19.246	0.562	0.001	0.000	-0.002	0.002	+
D10-3259.9	454.731	-19.404	-1.200	454.732	-19.404	-1.201	0.001	0.000	-0.001	0.002	+
D10-3268.3	463.535	-23.799	-1.196	463.535	-23.798	-1.197	0.001	0.000	-0.001	0.001	+
D10-3268.4	463.528	-23.961	-0.807	463.529	-23.960	-0.807	0.001	0.000	-0.001	0.001	+
D10-3268.5	463.521	-23.998	0.379	463.522	-23.998	0.378	0.001	0.000	-0.001	0.001	+
D10-3268.6	463.529	-23.865	0.771	463.530	-23.865	0.770	0.001	0.000	-0.001	0.001	+
D10-3268.7	463.619	-22.012	2.091	463.620	-22.011	2.090	0.001	0.000	-0.001	0.001	+
D10-3268.8	463.734	-19.656	0.560	463.734	-19.656	0.559	0.001	0.001	-0.001	0.001	+
D10-3268.9	463.727	-19.802	-1.212	463.728	-19.802	-1.213	0.001	0.001	-0.001	0.001	+
D10-3277.3	472.532	-24.204	-1.190	472.533	-24.203	-1.190	0.001	0.001	-0.000	0.001	+
D10-3277.4	472.528	-24.369	-0.807	472.529	-24.369	-0.807	0.001	0.001	-0.000	0.001	+
D10-3277.5	472.526	-24.425	0.372	472.526	-24.424	0.371	0.001	0.000	-0.000	0.001	+
D10-3277.6	472.531	-24.290	0.785	472.532	-24.289	0.785	0.001	0.000	-0.000	0.001	+
D10-3277.7	472.613	-22.416	2.129	472.614	-22.416	2.129	0.001	0.001	-0.000	0.001	+
D10-3277.8	472.710	-20.064	0.564	472.711	-20.063	0.563	0.001	0.001	-0.000	0.001	+
D10-3277.9	472.708	-20.233	-1.201	472.709	-20.232	-1.201	0.001	0.001	-0.000	0.001	+
D10-3286.3	481.524	-24.602	-1.198	481.524	-24.601	-1.198	0.001	0.001	-0.000	0.001	+
D10-3286.4	481.519	-24.773	-0.813	481.519	-24.772	-0.813	0.001	0.001	-0.000	0.001	+
D10-3286.5	481.518	-24.838	0.371	481.519	-24.838	0.371	0.001	0.001	-0.000	0.001	+
D10-3286.6	481.525	-24.712	0.770	481.525	-24.711	0.770	0.001	0.001	-0.000	0.001	+
D10-3286.7	481.611	-22.837	2.144	481.612	-22.837	2.144	0.001	0.001	-0.000	0.001	+
D10-3286.8	481.711	-20.474	0.570	481.712	-20.474	0.570	0.001	0.001	-0.000	0.001	+
D10-3286.9	481.700	-20.652	-1.201	481.700	-20.651	-1.201	0.001	0.001	-0.000	0.001	+
D10-3295.3	490.512	-25.050	-1.195	490.513	-25.050	-1.195	0.001	0.001	-0.000	0.001	+
D10-3295.4	490.507	-25.214	-0.803	490.508	-25.213	-0.803	0.001	0.001	-0.000	0.001	+
D10-3295.5	490.504	-25.253	0.380	490.505	-25.252	0.380	0.001	0.001	-0.000	0.001	+
D10-3295.6	490.509	-25.115	0.783	490.510	-25.115	0.783	0.001	0.001	-0.000	0.001	+
D10-3295.7	490.591	-23.256	2.108	490.592	-23.255	2.108	0.001	0.001	-0.000	0.001	+
D10-3295.8	490.701	-20.919	0.576	490.702	-20.918	0.576	0.001	0.001	-0.000	0.001	+
D10-3295.9	490.698	-21.060	-1.202	490.698	-21.059	-1.202	0.001	0.001	-0.000	0.001	+
D10-3304.3	499.503	-25.462	-1.187	499.504	-25.461	-1.187	0.001	0.001	-0.000	0.001	+
D10-3304.4	499.497	-25.622	-0.802	499.498	-25.621	-0.802	0.001	0.001	-0.000	0.001	+

XS3-XTD4-XSDU2-XTD10

Vector Group

PANDA_PR Komplett::Auto Vectors: Groups: LA XFEL Gesamt

Name	Begin			End			Delta			Mag	
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)	(m)	
D10-3304.5	499.495	-25.657	0.390	499.496	-25.656	0.389	0.001	0.001	-0.000	0.001	+
D10-3304.6	499.499	-25.522	0.780	499.500	-25.522	0.780	0.001	0.001	-0.000	0.001	+
D10-3304.7	499.585	-23.660	2.115	499.586	-23.659	2.114	0.001	0.001	-0.000	0.001	+
D10-3304.8	499.688	-21.326	0.573	499.689	-21.325	0.572	0.001	0.001	-0.000	0.001	+
D10-3304.9	499.680	-21.471	-1.203	499.681	-21.470	-1.203	0.001	0.001	-0.000	0.001	+
D10-3313.3	508.488	-25.866	-1.198	508.489	-25.866	-1.198	0.001	0.001	-0.000	0.001	+
D10-3313.4	508.484	-26.029	-0.800	508.485	-26.028	-0.801	0.001	0.001	-0.001	0.001	+
D10-3313.5	508.484	-26.056	0.385	508.485	-26.055	0.384	0.001	0.001	-0.001	0.001	+
D10-3313.6	508.491	-25.920	0.775	508.492	-25.919	0.775	0.001	0.001	-0.001	0.001	+
D10-3313.7	508.580	-24.069	2.086	508.581	-24.068	2.085	0.001	0.001	-0.001	0.002	+
D10-3313.8	508.678	-21.738	0.575	508.679	-21.737	0.574	0.001	0.001	-0.001	0.002	+
D10-3313.9	508.670	-21.856	-1.195	508.671	-21.855	-1.195	0.001	0.001	-0.000	0.001	+
D10-3322.3	517.492	-26.292	-1.194	517.493	-26.291	-1.195	0.001	0.001	-0.001	0.002	+
D10-3322.4	517.482	-26.452	-0.799	517.483	-26.451	-0.800	0.001	0.001	-0.001	0.002	+
D10-3322.5	517.471	-26.475	0.392	517.472	-26.474	0.391	0.001	0.001	-0.001	0.002	+
D10-3322.6	517.470	-26.333	0.786	517.472	-26.332	0.785	0.001	0.001	-0.001	0.002	+
D10-3322.7	517.545	-24.486	2.085	517.547	-24.484	2.084	0.001	0.002	-0.001	0.002	+
D10-3322.8	517.661	-22.151	0.574	517.663	-22.149	0.574	0.001	0.002	-0.001	0.002	+
D10-3331.3	526.475	-26.678	-1.189	526.476	-26.676	-1.190	0.001	0.002	-0.000	0.002	+
D10-3331.4	526.466	-26.850	-0.809	526.468	-26.848	-0.809	0.002	0.002	-0.000	0.002	+
D10-3331.5	526.459	-26.922	0.377	526.461	-26.920	0.377	0.002	0.002	-0.000	0.002	+
D10-3331.6	526.463	-26.798	0.778	526.465	-26.796	0.777	0.002	0.002	-0.000	0.003	+
D10-3331.7	526.553	-24.912	2.172	526.555	-24.910	2.172	0.002	0.002	-0.000	0.003	+
D10-3331.8	526.660	-22.554	0.568	526.661	-22.552	0.568	0.002	0.002	-0.000	0.002	+
D10-3333.3	529.563	-27.090	-1.333	529.565	-27.088	-1.334	0.002	0.002	-0.001	0.003	+
D10-3334.3	530.716	-27.110	-1.339	530.718	-27.108	-1.340	0.002	0.002	-0.001	0.002	+
D10-3334.5	530.737	-27.110	0.178	530.738	-27.108	0.177	0.002	0.002	-0.001	0.003	+
D10-3334.8	531.121	-22.163	0.174	531.121	-22.161	0.175	-0.000	0.002	0.000	0.002	+
D10-3337.32	532.878	-25.096	-1.327	532.879	-25.094	-1.328	0.001	0.002	-0.001	0.002	+
D10-3337.35	532.746	-22.179	-1.332	532.747	-22.178	-1.333	0.001	0.002	-0.001	0.002	+
D10-3337.51	532.857	-26.987	0.172	532.858	-26.985	0.171	0.002	0.002	-0.001	0.003	+
D10-3337.52	532.878	-25.144	0.173	532.880	-25.142	0.171	0.001	0.002	-0.001	0.003	+
D10-3337.53	532.899	-23.738	0.180	532.901	-23.736	0.179	0.001	0.002	-0.001	0.002	+
D10-3337.54	532.924	-22.364	0.180	532.926	-22.363	0.179	0.001	0.002	-0.001	0.003	+
D10-3337.55	532.742	-22.178	0.172	532.744	-22.176	0.171	0.001	0.002	-0.001	0.003	+
D10-3337.62	532.883	-25.124	1.652	532.885	-25.122	1.651	0.002	0.002	-0.001	0.003	+
D10-3337.63	532.904	-23.773	1.660	532.905	-23.771	1.659	0.002	0.002	-0.001	0.003	+
D10-3337.65	532.745	-22.173	1.665	532.747	-22.171	1.664	0.002	0.002	-0.001	0.003	+
D10-VR-1.3	529.397	-29.449	-1.225	529.398	-29.447	-1.225	0.002	0.002	-0.000	0.003	+
D10-VR-1.4	529.396	-29.457	-0.370	529.398	-29.456	-0.371	0.002	0.002	-0.000	0.003	+
D10-VR-1.5	529.397	-29.471	0.480	529.399	-29.469	0.480	0.002	0.002	-0.000	0.003	+
D10-VR-1.6	529.400	-29.457	1.252	529.402	-29.455	1.251	0.002	0.002	-0.000	0.003	+
D10-VR-2.3	531.232	-32.113	-1.275	531.234	-32.111	-1.275	0.001	0.002	-0.001	0.003	+
D10-VR-2.4	531.220	-32.111	-0.522	531.222	-32.109	-0.523	0.002	0.002	-0.000	0.003	+
D10-VR-2.5	531.233	-32.111	0.418	531.235	-32.109	0.418	0.002	0.002	-0.001	0.003	+
D10-VR-2.6	531.170	-32.111	1.245	531.172	-32.109	1.244	0.002	0.002	-0.001	0.003	+
D10-VR-3.3	531.450	-33.008	-1.252	531.452	-33.006	-1.252	0.001	0.002	-0.000	0.002	+
D10-VR-3.4	531.456	-33.026	-0.533	531.458	-33.024	-0.534	0.002	0.002	-0.000	0.003	+
D10-VR-3.5	531.458	-32.988	0.482	531.459	-32.986	0.481	0.002	0.002	-0.000	0.003	+
D10-VR-3.6	531.456	-32.972	1.239	531.458	-32.970	1.238	0.002	0.002	-0.000	0.003	+
D10-VR-4.4	532.032	-35.344	-0.594	532.034	-35.342	-0.594	0.002	0.002	-0.000	0.003	+
D10-VR-4.5	532.028	-35.343	0.733	532.030	-35.341	0.732	0.002	0.002	-0.000	0.003	+
D4-2771.3	-32.931	2.396	-1.394	-32.931	2.395	-1.392	-0.000	-0.001	0.003	0.003	+
D4-2771.4	-32.937	2.394	-0.643	-32.937	2.393	-0.640	-0.000	-0.000	0.003	0.003	+
D4-2771.5	-32.948	2.394	0.166	-32.948	2.394	0.168	0.000	-0.000	0.003	0.003	+
D4-2771.6	-32.962	2.394	0.778	-32.962	2.393	0.781	0.000	-0.000	0.003	0.003	+
D4-2775.3	-28.343	-1.544	-1.186	-28.343	-1.545	-1.184	-0.000	-0.000	0.003	0.003	+
D4-2775.4	-28.343	-1.543	-0.431	-28.343	-1.543	-0.429	0.000	-0.000	0.003	0.003	+
D4-2775.5	-28.340	-1.545	0.367	-28.340	-1.545	0.370	0.000	-0.000	0.003	0.003	+
D4-2775.6	-28.334	-1.545	0.968	-28.334	-1.546	0.971	0.000	-0.000	0.003	0.003	+
D4-2777.10	-26.508	2.252	-1.194	-26.508	2.252	-1.192	-0.000	-0.001	0.002	0.003	+

XS3-XTD4-XSDU2-XTD10

Vector Group											
PANDA_PR Komplett::Auto Vectors: Groups: LA XFEL Gesamt											
Name	Begin			End			Delta				
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)	Mag (m)	
D4-2777.1	-26.478	1.988	-1.433	-26.477	1.987	-1.431	0.000	-0.000	0.003	0.003	+
D4-2777.2	-26.991	-1.298	-1.428	-26.991	-1.299	-1.426	0.000	-0.000	0.003	0.003	+
D4-2777.7	-26.507	2.255	0.975	-26.507	2.255	0.977	0.000	-0.000	0.003	0.003	+
D4-2777.8	-26.503	2.253	0.217	-26.502	2.252	0.219	0.000	-0.000	0.003	0.003	+
D4-2777.9	-26.500	2.252	-0.442	-26.500	2.251	-0.439	0.000	-0.000	0.003	0.003	+
D4-2785.1	-18.836	1.583	-1.439	-18.836	1.583	-1.437	-0.000	-0.001	0.002	0.002	+
D4-2785.10	-18.824	2.070	-1.196	-18.824	2.069	-1.194	-0.000	-0.001	0.002	0.002	+
D4-2785.2	-18.949	-1.812	-1.431	-18.949	-1.812	-1.429	-0.000	-0.001	0.002	0.002	+
D4-2785.7	-18.836	2.071	1.065	-18.836	2.071	1.068	0.000	-0.001	0.002	0.002	+
D4-2785.8	-18.841	2.071	0.248	-18.841	2.071	0.250	0.000	-0.001	0.002	0.002	+
D4-2785.9	-18.828	2.069	-0.441	-18.828	2.069	-0.439	-0.000	-0.001	0.002	0.002	+
D4-2789.3	-14.524	-2.523	-1.220	-14.524	-2.523	-1.218	-0.000	-0.001	0.002	0.002	+
D4-2789.4	-14.532	-2.691	-0.830	-14.532	-2.691	-0.828	-0.000	-0.001	0.002	0.002	+
D4-2789.5	-14.546	-2.739	0.356	-14.546	-2.739	0.358	-0.000	-0.001	0.002	0.002	+
D4-2789.6	-14.539	-2.455	1.042	-14.539	-2.455	1.044	-0.000	-0.000	0.002	0.002	+
D4-2789.7	-14.456	-0.398	2.099	-14.456	-0.399	2.101	0.000	-0.000	0.002	0.002	+
D4-2789.8	-14.365	1.437	0.945	-14.365	1.437	0.947	0.000	-0.000	0.002	0.002	+
D4-2798.3	-5.548	-2.923	-1.213	-5.548	-2.924	-1.211	-0.000	-0.001	0.002	0.002	+
D4-2798.4	-5.552	-3.100	-0.824	-5.552	-3.101	-0.822	-0.000	-0.001	0.002	0.002	+
D4-2798.5	-5.554	-3.175	0.359	-5.554	-3.176	0.361	-0.000	-0.001	0.002	0.002	+
D4-2798.6	-5.538	-2.904	1.051	-5.538	-2.905	1.053	-0.000	-0.001	0.002	0.002	+
D4-2798.7	-5.444	-0.769	2.154	-5.444	-0.770	2.156	0.000	-0.001	0.002	0.002	+
D4-2798.8	-5.363	1.036	0.959	-5.363	1.036	0.961	-0.000	-0.001	0.002	0.002	+
D4-2798.9	-5.370	1.002	-1.211	-5.370	1.002	-1.210	-0.000	-0.001	0.002	0.002	+
D4-2807.3	3.444	-3.332	-1.211	3.444	-3.333	-1.210	-0.000	-0.001	0.002	0.002	+
D4-2807.4	3.437	-3.512	-0.812	3.437	-3.513	-0.811	-0.000	-0.001	0.002	0.002	+
D4-2807.5	3.433	-3.584	0.363	3.433	-3.585	0.364	-0.000	-0.001	0.002	0.002	+
D4-2807.6	3.445	-3.315	1.057	3.445	-3.316	1.059	-0.000	-0.001	0.002	0.002	+
D4-2807.7	3.544	-1.178	2.154	3.544	-1.179	2.155	0.000	-0.001	0.001	0.002	+
D4-2807.8	3.624	0.627	0.956	3.624	0.626	0.958	0.000	-0.001	0.001	0.002	+
D4-2807.9	3.621	0.589	-1.211	3.620	0.588	-1.209	-0.000	-0.001	0.001	0.002	+
D4-2816.3	12.429	-3.759	-1.207	12.429	-3.760	-1.206	-0.000	-0.001	0.001	0.002	+
D4-2816.4	12.420	-3.933	-0.824	12.420	-3.934	-0.823	-0.000	-0.001	0.001	0.002	+
D4-2816.5	12.410	-4.005	0.362	12.409	-4.006	0.363	-0.000	-0.001	0.001	0.002	+
D4-2816.6	12.419	-3.739	1.050	12.419	-3.740	1.051	-0.000	-0.001	0.001	0.002	+
D4-2816.7	12.526	-1.601	2.154	12.526	-1.602	2.155	-0.000	-0.001	0.001	0.001	+
D4-2816.8	12.627	0.211	0.953	12.627	0.210	0.954	-0.000	-0.001	0.001	0.001	+
D4-2816.9	12.628	0.168	-1.208	12.628	0.167	-1.207	-0.000	-0.001	0.001	0.002	+
D4-2825.3	21.432	-4.173	-1.219	21.432	-4.174	-1.218	-0.000	-0.001	0.001	0.002	+
D4-2825.4	21.424	-4.355	-0.834	21.424	-4.356	-0.833	-0.000	-0.001	0.001	0.002	+
D4-2825.5	21.420	-4.446	0.347	21.420	-4.447	0.348	-0.000	-0.001	0.001	0.002	+
D4-2825.6	21.426	-4.191	1.039	21.426	-4.192	1.040	-0.000	-0.001	0.001	0.002	+
D4-2825.7	21.520	-2.030	2.173	21.520	-2.031	2.174	-0.000	-0.001	0.001	0.001	+
D4-2825.8	21.598	-0.217	0.966	21.598	-0.218	0.967	-0.000	-0.001	0.001	0.001	+
D4-2825.9	21.601	-0.274	-1.205	21.601	-0.275	-1.204	-0.000	-0.001	0.001	0.001	+
D4-2834.3	30.407	-4.591	-1.220	30.407	-4.592	-1.220	-0.000	-0.001	0.001	0.002	+
D4-2834.4	30.400	-4.771	-0.828	30.399	-4.773	-0.827	-0.000	-0.001	0.001	0.001	+
D4-2834.5	30.400	-4.847	0.359	30.400	-4.848	0.359	-0.000	-0.001	0.001	0.002	+
D4-2834.6	30.414	-4.584	1.045	30.414	-4.585	1.045	-0.000	-0.001	0.001	0.002	+
D4-2834.7	30.527	-2.443	2.154	30.527	-2.444	2.155	-0.000	-0.001	0.001	0.001	+
D4-2834.8	30.615	-0.632	0.950	30.615	-0.633	0.951	-0.000	-0.001	0.001	0.001	+
D4-2834.9	30.602	-0.676	-1.216	30.602	-0.677	-1.216	-0.000	-0.001	0.001	0.001	+
D4-2843.3	39.417	-4.992	-1.219	39.417	-4.993	-1.218	-0.000	-0.001	0.001	0.002	+
D4-2843.4	39.412	-5.170	-0.828	39.411	-5.171	-0.827	-0.000	-0.001	0.001	0.002	+
D4-2843.5	39.409	-5.245	0.356	39.408	-5.246	0.357	-0.000	-0.001	0.001	0.002	+
D4-2843.6	39.421	-4.982	1.042	39.421	-4.983	1.043	-0.000	-0.001	0.001	0.002	+
D4-2843.7	39.509	-2.839	2.147	39.509	-2.840	2.147	-0.000	-0.001	0.000	0.001	+
D4-2843.8	39.584	-1.032	0.947	39.584	-1.033	0.947	-0.000	-0.001	0.000	0.001	+
D4-2843.9	39.582	-1.074	-1.225	39.582	-1.075	-1.224	-0.000	-0.001	0.000	0.002	+
D4-2852.3	48.397	-5.407	-1.214	48.397	-5.408	-1.214	-0.000	-0.002	0.001	0.002	+
D4-2852.4	48.389	-5.584	-0.830	48.389	-5.586	-0.830	-0.000	-0.002	0.001	0.002	+

XS3-XTD4-XSDU2-XTD10

Vector Group											
PANDA_PR Komplet::Auto Vectors: Groups: LA XFEL Gesamt											
Name	Begin			End			Delta				
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)	Mag (m)	
D4-2852.5	48.380	-5.663	0.359	48.380	-5.664	0.359	-0.000	-0.002	0.001	0.002	+
D4-2852.6	48.395	-5.402	1.043	48.395	-5.404	1.043	-0.000	-0.002	0.001	0.002	+
D4-2852.7	48.499	-3.261	2.153	48.499	-3.263	2.154	-0.000	-0.002	0.000	0.002	+
D4-2852.8	48.588	-1.443	0.947	48.588	-1.445	0.948	-0.000	-0.002	0.000	0.002	+
D4-2852.9	48.591	-1.482	-1.209	48.591	-1.483	-1.209	-0.000	-0.002	0.000	0.002	+
D4-2861.3	57.395	-5.827	-1.217	57.395	-5.829	-1.217	-0.000	-0.002	0.000	0.002	+
D4-2861.4	57.389	-6.005	-0.826	57.388	-6.007	-0.826	-0.000	-0.002	0.000	0.002	+
D4-2861.5	57.387	-6.080	0.363	57.387	-6.082	0.364	-0.000	-0.002	0.001	0.002	+
D4-2861.6	57.399	-5.813	1.051	57.399	-5.815	1.052	-0.000	-0.002	0.001	0.002	+
D4-2861.7	57.500	-3.672	2.149	57.500	-3.674	2.150	-0.000	-0.002	0.000	0.002	+
D4-2861.8	57.581	-1.876	0.961	57.581	-1.878	0.961	-0.000	-0.002	0.000	0.002	+
D4-2861.9	57.577	-1.906	-1.214	57.577	-1.908	-1.214	-0.000	-0.002	0.000	0.002	+
D4-2870.3	66.391	-6.237	-1.209	66.391	-6.239	-1.208	-0.000	-0.002	0.000	0.002	+
D4-2870.4	66.383	-6.414	-0.808	66.383	-6.416	-0.808	-0.000	-0.002	0.000	0.002	+
D4-2870.5	66.374	-6.475	0.372	66.374	-6.477	0.372	-0.000	-0.002	0.000	0.002	+
D4-2870.6	66.388	-6.203	1.058	66.388	-6.205	1.058	-0.000	-0.002	0.000	0.002	+
D4-2870.7	66.483	-4.080	2.136	66.482	-4.082	2.137	-0.000	-0.002	0.000	0.002	+
D4-2870.8	66.573	-2.267	0.942	66.573	-2.269	0.943	-0.000	-0.002	0.000	0.002	+
D4-2870.9	66.582	-2.297	-1.222	66.582	-2.298	-1.221	-0.000	-0.002	0.000	0.002	+
D4-2879.3	75.394	-6.641	-1.212	75.394	-6.644	-1.211	-0.000	-0.002	0.000	0.002	+
D4-2879.4	75.389	-6.818	-0.818	75.389	-6.820	-0.818	-0.000	-0.002	0.000	0.002	+
D4-2879.5	75.379	-6.886	0.360	75.379	-6.888	0.360	-0.000	-0.002	0.000	0.002	+
D4-2879.6	75.384	-6.615	1.047	75.384	-6.617	1.047	-0.000	-0.002	0.000	0.002	+
D4-2879.7	75.472	-4.481	2.144	75.472	-4.483	2.145	-0.000	-0.002	0.000	0.002	+
D4-2879.8	75.556	-2.683	0.948	75.556	-2.685	0.948	-0.000	-0.002	0.000	0.002	+
D4-2879.9	75.561	-2.706	-1.211	75.561	-2.709	-1.211	-0.000	-0.002	0.000	0.002	+
D4-2888.3	84.369	-7.053	-1.211	84.369	-7.056	-1.211	-0.000	-0.002	0.000	0.002	+
D4-2888.4	84.362	-7.233	-0.820	84.362	-7.235	-0.820	-0.000	-0.002	0.000	0.002	+
D4-2888.5	84.356	-7.311	0.362	84.356	-7.314	0.362	-0.000	-0.003	0.000	0.003	+
D4-2888.6	84.369	-7.050	1.051	84.369	-7.052	1.051	-0.000	-0.003	0.001	0.003	+
D4-2888.7	84.462	-4.915	2.156	84.462	-4.917	2.156	-0.000	-0.003	-0.000	0.003	+
D4-2888.8	84.554	-3.093	0.951	84.554	-3.096	0.951	-0.000	-0.002	-0.000	0.002	+
D4-2888.9	84.553	-3.132	-1.207	84.553	-3.134	-1.207	-0.000	-0.002	0.000	0.002	+
D4-2897.3	93.368	-7.468	-1.213	93.368	-7.471	-1.212	-0.000	-0.002	0.001	0.003	+
D4-2897.4	93.360	-7.650	-0.818	93.360	-7.652	-0.818	-0.000	-0.002	0.001	0.003	+
D4-2897.5	93.353	-7.727	0.366	93.353	-7.729	0.366	-0.000	-0.002	0.001	0.002	+
D4-2897.6	93.363	-7.459	1.060	93.362	-7.462	1.061	-0.000	-0.002	0.001	0.002	+
D4-2897.7	93.461	-5.322	2.160	93.461	-5.324	2.160	-0.000	-0.002	0.000	0.002	+
D4-2897.8	93.543	-3.509	0.955	93.542	-3.512	0.956	-0.000	-0.002	0.000	0.002	+
D4-2897.9	93.549	-3.547	-1.204	93.549	-3.550	-1.204	-0.000	-0.003	0.000	0.003	+
D4-2906.3	102.358	-7.893	-1.216	102.357	-7.896	-1.216	-0.000	-0.003	0.001	0.003	+
D4-2906.4	102.350	-8.076	-0.818	102.350	-8.079	-0.818	-0.000	-0.003	0.000	0.003	+
D4-2906.5	102.348	-8.138	0.364	102.347	-8.141	0.365	-0.000	-0.003	0.000	0.003	+
D4-2906.6	102.357	-7.867	1.055	102.357	-7.869	1.056	-0.000	-0.003	0.000	0.003	+
D4-2906.7	102.454	-5.746	2.144	102.454	-5.748	2.144	-0.000	-0.002	-0.000	0.002	+
D4-2906.8	102.537	-3.939	0.961	102.537	-3.941	0.962	-0.000	-0.003	0.000	0.003	+
D4-2906.9	102.531	-3.959	-1.214	102.531	-3.962	-1.214	-0.000	-0.003	0.000	0.003	+
D4-2915.3	111.351	-8.298	-1.213	111.350	-8.301	-1.213	-0.000	-0.003	0.000	0.003	+
D4-2915.4	111.345	-8.471	-0.829	111.345	-8.474	-0.829	-0.000	-0.003	0.000	0.003	+
D4-2915.5	111.339	-8.540	0.367	111.338	-8.543	0.367	-0.000	-0.003	0.000	0.003	+
D4-2915.6	111.350	-8.266	1.058	111.350	-8.269	1.059	-0.000	-0.003	0.000	0.003	+
D4-2915.8	111.525	-4.341	0.958	111.525	-4.344	0.958	-0.000	-0.003	0.000	0.003	+
D4-2915.9	111.523	-4.353	-1.202	111.523	-4.356	-1.202	-0.000	-0.003	0.000	0.003	+
D4-2924.3	120.345	-8.715	-1.214	120.345	-8.717	-1.213	-0.000	-0.003	0.000	0.003	+
D4-2924.4	120.340	-8.891	-0.823	120.340	-8.894	-0.823	-0.000	-0.003	0.001	0.003	+
D4-2924.5	120.337	-8.959	0.362	120.337	-8.962	0.363	-0.000	-0.003	0.001	0.003	+
D4-2924.6	120.347	-8.687	1.049	120.347	-8.689	1.050	-0.000	-0.003	0.001	0.003	+
D4-2924.7	120.443	-6.564	2.146	120.443	-6.566	2.147	-0.000	-0.003	0.000	0.003	+
D4-2924.8	120.523	-4.758	0.958	120.523	-4.761	0.959	-0.000	-0.003	0.000	0.003	+
D4-2924.9	120.521	-4.782	-1.208	120.521	-4.785	-1.208	-0.000	-0.003	0.000	0.003	+
D4-2933.3	129.330	-9.136	-1.225	129.330	-9.139	-1.224	-0.000	-0.003	0.001	0.003	+

XS3-XTD4-XSDU2-XTD10

Vector Group											
PANDA_PR Komplett::Auto Vectors: Groups: LA XFEL Gesamt											
Name	Begin			End			Delta				
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)	Mag (m)	
D4-2933.4	129.323	-9.310	-0.834	129.323	-9.313	-0.833	-0.000	-0.003	0.001	0.003	+
D4-2933.5	129.322	-9.372	0.355	129.322	-9.375	0.356	-0.000	-0.003	0.001	0.003	+
D4-2933.6	129.335	-9.097	1.044	129.334	-9.100	1.045	-0.000	-0.003	0.001	0.003	+
D4-2933.7	129.440	-6.970	2.129	129.440	-6.973	2.129	-0.000	-0.003	0.001	0.003	+
D4-2933.8	129.524	-5.179	0.954	129.523	-5.182	0.955	-0.000	-0.003	0.000	0.003	+
D4-2933.9	129.519	-5.190	-1.212	129.519	-5.193	-1.212	-0.000	-0.003	0.000	0.003	+
D4-2942.3	138.337	-9.537	-1.215	138.336	-9.540	-1.215	-0.000	-0.003	0.001	0.003	+
D4-2942.4	138.324	-9.717	-0.821	138.324	-9.720	-0.820	-0.000	-0.003	0.001	0.003	+
D4-2942.5	138.305	-9.788	0.367	138.305	-9.791	0.368	-0.000	-0.003	0.001	0.003	+
D4-2942.6	138.318	-9.512	1.068	138.318	-9.515	1.069	-0.000	-0.003	0.001	0.003	+
D4-2942.7	138.401	-7.388	2.153	138.400	-7.391	2.154	-0.000	-0.003	0.001	0.003	+
D4-2942.8	138.493	-5.580	0.957	138.493	-5.583	0.958	-0.000	-0.003	0.000	0.003	+
D4-2942.9	138.513	-5.616	-1.214	138.513	-5.619	-1.213	-0.000	-0.003	0.000	0.003	+
D4-2951.3	147.318	-9.936	-1.216	147.318	-9.939	-1.215	-0.000	-0.003	0.001	0.003	+
D4-2951.4	147.311	-10.120	-0.827	147.311	-10.123	-0.826	-0.000	-0.003	0.001	0.003	+
D4-2951.5	147.301	-10.210	0.358	147.301	-10.214	0.359	-0.000	-0.003	0.001	0.003	+
D4-2951.6	147.310	-9.956	1.046	147.310	-9.959	1.047	-0.000	-0.003	0.001	0.003	+
D4-2951.7	147.410	-7.802	2.179	147.410	-7.805	2.179	-0.000	-0.003	0.001	0.003	+
D4-2951.8	147.504	-5.976	0.948	147.504	-5.979	0.949	-0.000	-0.003	0.001	0.003	+
D4-2951.9	147.503	-6.046	-1.218	147.503	-6.049	-1.217	-0.000	-0.003	0.001	0.003	+
D4-2960.3	156.309	-10.358	-1.228	156.308	-10.362	-1.227	-0.000	-0.003	0.001	0.004	+
D4-2960.4	156.304	-10.544	-0.829	156.304	-10.548	-0.828	-0.000	-0.003	0.001	0.004	+
D4-2960.5	156.302	-10.627	0.356	156.302	-10.630	0.357	-0.000	-0.003	0.001	0.004	+
D4-2960.6	156.316	-10.368	1.041	156.316	-10.372	1.042	-0.000	-0.003	0.001	0.004	+
D4-2960.7	156.414	-8.222	2.162	156.414	-8.226	2.163	-0.000	-0.003	0.001	0.003	+
D4-2960.8	156.493	-6.408	0.956	156.493	-6.411	0.957	-0.000	-0.003	0.001	0.004	+
D4-2960.9	156.484	-6.456	-1.218	156.484	-6.459	-1.218	-0.000	-0.004	0.001	0.004	+
D4-2969.3	165.294	-10.762	-1.215	165.294	-10.766	-1.214	-0.000	-0.004	0.001	0.004	+
D4-2969.4	165.289	-10.946	-0.823	165.289	-10.949	-0.822	-0.000	-0.004	0.001	0.004	+
D4-2969.5	165.279	-11.027	0.366	165.279	-11.031	0.367	-0.000	-0.004	0.001	0.004	+
D4-2969.6	165.299	-10.765	1.053	165.299	-10.769	1.055	-0.000	-0.004	0.001	0.004	+
D4-2969.7	165.397	-8.629	2.172	165.397	-8.632	2.173	-0.000	-0.004	0.001	0.004	+
D4-2969.8	165.485	-6.801	0.950	165.485	-6.805	0.951	-0.000	-0.004	0.001	0.004	+
D4-2969.9	165.483	-6.863	-1.215	165.483	-6.867	-1.214	-0.000	-0.004	0.001	0.004	+
D4-2978.3	174.289	-11.180	-1.220	174.289	-11.183	-1.218	-0.000	-0.004	0.001	0.004	+
D4-2978.4	174.281	-11.362	-0.820	174.281	-11.365	-0.819	-0.000	-0.004	0.001	0.004	+
D4-2978.5	174.274	-11.434	0.366	174.274	-11.438	0.368	-0.000	-0.004	0.001	0.004	+
D4-2978.6	174.291	-11.165	1.058	174.290	-11.169	1.059	-0.000	-0.004	0.001	0.004	+
D4-2978.7	174.385	-9.032	2.153	174.385	-9.036	2.154	-0.000	-0.004	0.001	0.004	+
D4-2978.8	174.477	-7.219	0.947	174.476	-7.222	0.948	-0.000	-0.004	0.001	0.004	+
D4-2978.9	174.479	-7.258	-1.212	174.478	-7.262	-1.211	-0.000	-0.004	0.001	0.004	+
D4-2987.3	183.281	-11.609	-1.210	183.281	-11.613	-1.209	-0.000	-0.004	0.002	0.004	+
D4-2987.4	183.273	-11.791	-0.806	183.273	-11.794	-0.804	-0.000	-0.004	0.002	0.004	+
D4-2987.5	183.273	-11.856	0.379	183.272	-11.860	0.380	-0.000	-0.004	0.002	0.004	+
D4-2987.6	183.287	-11.587	1.064	183.286	-11.590	1.065	-0.000	-0.004	0.002	0.004	+
D4-2987.7	183.390	-9.453	2.154	183.390	-9.456	2.155	-0.000	-0.004	0.002	0.004	+
D4-2987.8	183.474	-7.649	0.960	183.474	-7.653	0.961	-0.000	-0.004	0.001	0.004	+
D4-2987.9	183.470	-7.680	-1.206	183.470	-7.684	-1.205	-0.000	-0.004	0.001	0.004	+
D4-2996.3	192.270	-12.038	-1.218	192.270	-12.042	-1.216	-0.000	-0.004	0.002	0.004	+
D4-2996.4	192.262	-12.213	-0.820	192.262	-12.217	-0.819	-0.000	-0.004	0.002	0.004	+
D4-2996.5	192.258	-12.269	0.363	192.258	-12.273	0.364	-0.000	-0.004	0.002	0.004	+
D4-2996.6	192.270	-11.994	1.047	192.269	-11.998	1.049	-0.000	-0.004	0.002	0.004	+
D4-2996.7	192.378	-9.868	2.125	192.378	-9.871	2.127	-0.000	-0.004	0.001	0.004	+
D4-2996.8	192.468	-8.087	0.973	192.468	-8.091	0.974	-0.000	-0.004	0.001	0.004	+
D4-2996.9	192.467	-8.087	-1.206	192.467	-8.090	-1.205	-0.000	-0.004	0.001	0.004	+
D4-3005.3	201.265	-12.461	-1.213	201.265	-12.465	-1.212	-0.000	-0.004	0.001	0.004	+
D4-3005.4	201.258	-12.633	-0.821	201.258	-12.636	-0.820	-0.000	-0.004	0.001	0.004	+
D4-3005.5	201.254	-12.690	0.356	201.254	-12.694	0.358	-0.000	-0.004	0.002	0.004	+
D4-3005.6	201.273	-12.410	1.047	201.273	-12.414	1.048	-0.000	-0.004	0.002	0.004	+
D4-3005.7	201.370	-10.294	2.119	201.370	-10.297	2.121	-0.000	-0.004	0.001	0.004	+
D4-3005.8	201.448	-8.510	0.968	201.448	-8.514	0.969	-0.000	-0.004	0.001	0.004	+

XS3-XTD4-XSDU2-XTD10

Vector Group											
PANDA_PR Komplett::Auto Vectors: Groups: LA XFEL Gesamt											
Name	Begin			End			Delta				
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)	Mag (m)	
D4-3005.9	201.446	-8.499	-1.208	201.446	-8.502	-1.206	-0.000	-0.004	0.001	0.004	+
D4-3014.3	210.263	-12.881	-1.225	210.263	-12.885	-1.223	-0.000	-0.004	0.002	0.004	+
D4-3014.4	210.258	-13.058	-0.820	210.258	-13.062	-0.819	-0.000	-0.004	0.002	0.004	+
D4-3014.5	210.251	-13.113	0.361	210.251	-13.116	0.363	-0.000	-0.004	0.002	0.004	+
D4-3014.6	210.261	-12.838	1.041	210.261	-12.841	1.042	-0.000	-0.004	0.002	0.004	+
D4-3014.7	210.352	-10.721	2.121	210.351	-10.724	2.123	-0.000	-0.003	0.001	0.004	+
D4-3014.8	210.434	-8.926	0.953	210.434	-8.929	0.954	-0.000	-0.004	0.001	0.004	+
D4-3014.9	210.441	-8.926	-1.218	210.441	-8.930	-1.217	-0.000	-0.004	0.001	0.004	+
D4-3023.3	219.246	-13.294	-1.218	219.246	-13.297	-1.216	-0.000	-0.004	0.002	0.004	+
D4-3023.4	219.238	-13.471	-0.819	219.238	-13.474	-0.817	-0.000	-0.004	0.002	0.004	+
D4-3023.5	219.234	-13.531	0.366	219.234	-13.534	0.368	-0.000	-0.003	0.002	0.004	+
D4-3023.6	219.243	-13.261	1.044	219.243	-13.265	1.046	-0.000	-0.003	0.002	0.004	+
D4-3023.7	219.348	-11.135	2.134	219.348	-11.139	2.135	-0.000	-0.003	0.001	0.004	+
D4-3023.8	219.434	-9.343	0.957	219.434	-9.346	0.959	-0.000	-0.003	0.001	0.004	+
D4-3023.9	219.437	-9.347	-1.209	219.437	-9.351	-1.207	-0.000	-0.004	0.001	0.004	+
D4-3032.3	228.244	-13.700	-1.216	228.244	-13.703	-1.214	-0.000	-0.003	0.002	0.003	+
D4-3032.4	228.235	-13.880	-0.816	228.235	-13.883	-0.814	-0.000	-0.003	0.002	0.004	+
D4-3032.5	228.226	-13.944	0.372	228.226	-13.947	0.374	-0.000	-0.003	0.002	0.004	+
D4-3032.6	228.235	-13.675	1.052	228.235	-13.678	1.054	-0.000	-0.003	0.002	0.004	+
D4-3032.7	228.324	-11.561	2.141	228.324	-11.564	2.143	-0.000	-0.003	0.002	0.003	+
D4-3032.8	228.419	-9.748	0.963	228.419	-9.752	0.964	0.000	-0.003	0.001	0.004	+
D4-3032.9	228.423	-9.759	-1.199	228.423	-9.763	-1.198	-0.000	-0.003	0.001	0.004	+
D4-3041.3	237.236	-14.117	-1.213	237.236	-14.120	-1.212	0.000	-0.003	0.002	0.004	+
D4-3041.4	237.225	-14.294	-0.814	237.226	-14.298	-0.812	0.000	-0.003	0.002	0.004	+
D4-3041.5	237.216	-14.354	0.366	237.216	-14.357	0.368	0.000	-0.003	0.002	0.003	+
D4-3041.6	237.230	-14.080	1.050	237.230	-14.083	1.052	0.000	-0.003	0.002	0.003	+
D4-3041.7	237.319	-11.949	2.148	237.319	-11.952	2.150	0.000	-0.003	0.002	0.003	+
D4-3041.8	237.406	-10.152	0.961	237.406	-10.155	0.963	-0.000	-0.003	0.002	0.003	+
D4-3050.3	246.228	-14.515	-1.216	246.228	-14.518	-1.214	0.000	-0.003	0.002	0.004	+
D4-3050.4	246.221	-14.689	-0.820	246.221	-14.692	-0.818	0.000	-0.003	0.002	0.004	+
D4-3050.5	246.223	-14.748	0.369	246.223	-14.751	0.370	0.000	-0.003	0.002	0.003	+
D4-3050.6	246.236	-14.470	1.057	246.236	-14.473	1.059	0.000	-0.003	0.002	0.003	+
D4-3050.7	246.328	-12.358	2.130	246.328	-12.361	2.131	0.000	-0.003	0.002	0.003	+
D4-3050.8	246.402	-10.565	0.966	246.402	-10.568	0.968	0.000	-0.003	0.002	0.003	+
D4-3059.3	255.234	-14.903	-1.209	255.234	-14.906	-1.208	0.000	-0.003	0.002	0.003	+
D4-3059.4	255.232	-15.064	-0.809	255.232	-15.067	-0.807	0.000	-0.003	0.002	0.003	+
D4-3059.5	255.241	-15.082	0.386	255.241	-15.085	0.388	0.000	-0.003	0.002	0.003	+
D4-3059.6	255.256	-14.805	1.025	255.256	-14.808	1.026	0.000	-0.003	0.002	0.003	+
D4-3059.7	255.326	-12.716	2.070	255.326	-12.718	2.071	0.000	-0.003	0.002	0.003	+
D4-3059.8	255.381	-10.949	0.968	255.381	-10.952	0.970	0.000	-0.003	0.001	0.003	+
D4-3068.3	264.229	-15.248	-1.216	264.229	-15.251	-1.214	0.000	-0.003	0.002	0.003	+
D4-3068.4	264.233	-15.381	-0.820	264.233	-15.384	-0.818	0.000	-0.003	0.002	0.003	+
D4-3068.5	264.257	-15.335	0.369	264.257	-15.338	0.370	0.000	-0.003	0.002	0.003	+
D4-3068.6	264.278	-14.937	1.108	264.279	-14.940	1.110	0.000	-0.003	0.002	0.003	+
D4-3068.7	264.351	-12.993	1.944	264.352	-12.996	1.945	0.000	-0.003	0.001	0.003	+
D4-3068.8	264.383	-11.302	0.949	264.383	-11.305	0.950	0.000	-0.003	0.001	0.003	+
D4-3077.3	273.234	-15.510	-1.228	273.234	-15.513	-1.227	0.000	-0.003	0.002	0.003	+
D4-3077.4	273.238	-15.611	-0.835	273.238	-15.613	-0.834	0.000	-0.003	0.002	0.003	+
D4-3077.5	273.256	-15.481	0.348	273.256	-15.484	0.350	0.000	-0.003	0.002	0.003	+
D4-3077.6	273.277	-15.065	1.020	273.277	-15.067	1.021	0.000	-0.003	0.002	0.003	+
D4-3077.7	273.337	-13.199	1.771	273.337	-13.201	1.772	0.000	-0.002	0.001	0.003	+
D4-3077.8	273.367	-11.615	0.934	273.368	-11.617	0.935	0.000	-0.002	0.001	0.003	+
D4-3086.3	282.235	-15.763	-1.244	282.236	-15.765	-1.243	0.000	-0.003	0.001	0.003	+
D4-3086.4	282.239	-15.843	-0.839	282.239	-15.846	-0.837	0.000	-0.003	0.001	0.003	+
D4-3086.5	282.258	-15.646	0.342	282.259	-15.648	0.343	0.000	-0.002	0.001	0.003	+
D4-3086.6	282.280	-15.161	1.022	282.280	-15.163	1.023	0.000	-0.002	0.001	0.003	+
D4-3086.7	282.327	-13.411	1.646	282.327	-13.414	1.647	0.000	-0.002	0.001	0.003	+
D4-3086.8	282.358	-11.956	0.947	282.358	-11.958	0.948	-0.000	-0.002	0.001	0.003	+
S3-2760.1	-43.676	2.365	-2.535	-43.676	2.365	-2.533	-0.000	-0.000	0.003	0.003	+
S3-2760.2	-43.707	4.681	-2.534	-43.707	4.681	-2.531	-0.000	-0.000	0.003	0.003	+
S3-2760.3	-43.456	6.869	-2.305	-43.456	6.868	-2.303	-0.000	-0.000	0.003	0.003	+

XS3-XTD4-XSDU2-XTD10

Vector Group											
PANDA_PR Komplet::Auto Vectors: Groups: LA XFEL Gesamt											
Name	Begin			End			Delta				
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)	Mag (m)	
S3-2760.4	-43.471	6.866	-1.561	-43.471	6.866	-1.559	-0.000	-0.000	0.003	0.003	+
S3-2760.5	-43.484	6.862	-0.728	-43.484	6.862	-0.725	-0.000	-0.000	0.002	0.003	+
S3-2760.6	-43.487	6.864	-0.141	-43.487	6.863	-0.138	0.000	-0.000	0.003	0.003	+
S3-2761.3	-42.219	-0.241	-2.287	-42.219	-0.241	-2.284	-0.000	-0.000	0.003	0.003	+
S3-2761.4	-42.228	-0.240	-1.543	-42.228	-0.240	-1.540	-0.000	-0.000	0.003	0.003	+
S3-2761.5	-42.227	-0.238	-0.741	-42.227	-0.238	-0.738	-0.000	-0.000	0.003	0.003	+
S3-2761.6	-42.226	-0.238	-0.118	-42.226	-0.239	-0.115	-0.000	-0.000	0.003	0.003	+
S3-2764.2	-39.198	7.177	-2.244	-39.198	7.177	-2.242	-0.000	-0.000	0.002	0.002	+
S3-2764.3	-39.232	7.523	-1.998	-39.232	7.522	-1.996	-0.000	-0.000	0.002	0.003	+
S3-2764.4	-39.254	7.521	-1.251	-39.254	7.520	-1.248	-0.000	-0.000	0.002	0.002	+
S3-2764.5	-39.245	7.520	-0.452	-39.245	7.519	-0.450	-0.000	-0.000	0.002	0.002	+
S3-2764.6	-39.227	7.521	0.125	-39.227	7.520	0.127	0.000	-0.000	0.002	0.002	+
S3-2765.1	-38.086	3.561	-2.135	-38.086	3.560	-2.133	-0.000	-0.000	0.003	0.003	+
S3-2768.2	-35.253	-0.033	-1.849	-35.253	-0.033	-1.846	0.000	-0.000	0.003	0.003	+
S3-2768.3	-35.265	-0.394	-1.576	-35.265	-0.395	-1.573	0.000	-0.000	0.003	0.003	+
S3-2768.4	-35.281	-0.389	-0.842	-35.280	-0.389	-0.840	0.000	-0.000	0.003	0.003	+
S3-2768.5	-35.302	-0.387	-0.030	-35.302	-0.387	-0.027	0.000	-0.000	0.003	0.003	+
S3-2768.6	-35.292	-0.386	0.589	-35.292	-0.386	0.591	0.000	-0.000	0.003	0.003	+
S3-2770.20	-33.213	2.181	-1.654	-33.213	2.180	-1.651	-0.000	-0.001	0.003	0.003	+
S3-2770.2	-33.211	4.547	-1.641	-33.211	4.547	-1.639	-0.000	-0.000	0.003	0.003	+
S3-2770.30	-33.101	2.659	-1.426	-33.101	2.658	-1.424	-0.000	-0.000	0.003	0.003	+
S3-2770.50	-33.101	2.661	0.144	-33.101	2.660	0.147	-0.000	-0.000	0.003	0.003	+
S3-2770.5	-33.064	4.278	0.154	-33.064	4.278	0.157	0.000	-0.000	0.003	0.003	+
S3-2770.60	-33.100	2.658	0.751	-33.100	2.657	0.754	0.000	-0.000	0.003	0.003	+
S3-2770.6	-33.064	4.268	0.793	-33.064	4.267	0.796	0.000	-0.000	0.003	0.003	+
SDU2-1.6	286.129	-10.961	-1.702	286.129	-10.964	-1.701	0.000	-0.003	0.001	0.003	+
SDU2-1.8	287.819	-11.041	-1.680	287.819	-11.044	-1.679	0.000	-0.002	0.001	0.003	+
SDU2-2.3	289.754	-12.743	-4.285	289.754	-12.745	-4.283	0.000	-0.003	0.001	0.003	+
SDU2-3.2	291.317	-11.254	-4.731	291.317	-11.257	-4.730	0.000	-0.003	0.001	0.003	+
SDU2-3.3	291.297	-10.866	-4.419	291.297	-10.868	-4.418	0.000	-0.003	0.001	0.003	+
SDU2-13.2	293.046	-12.716	-5.078	293.046	-12.718	-5.077	0.000	-0.003	0.001	0.003	+
SDU2-3092.3	287.721	-17.922	-1.248	287.721	-17.925	-1.246	0.000	-0.002	0.001	0.003	+
SDU2-3092.4	287.721	-17.920	-0.838	287.722	-17.922	-0.837	0.000	-0.002	0.001	0.003	+
SDU2-3092.5	287.721	-17.916	0.370	287.721	-17.918	0.371	0.000	-0.002	0.001	0.003	+
SDU2-3092.6	287.720	-17.915	0.764	287.720	-17.917	0.765	0.000	-0.002	0.002	0.003	+
SDU2-3092.7	287.735	-17.909	2.270	287.735	-17.911	2.271	0.000	-0.002	0.002	0.003	+
SDU2-3092.9	289.559	-10.804	0.676	289.559	-10.806	0.677	0.000	-0.002	0.001	0.002	+
SDU2-3101.3	296.685	-18.338	-1.248	296.685	-18.341	-1.246	0.000	-0.002	0.001	0.003	+
SDU2-3101.4	296.687	-18.334	-0.843	296.688	-18.337	-0.839	0.000	-0.003	0.003	0.005	+
SDU2-3101.5	296.692	-18.335	0.370	296.693	-18.337	0.371	0.000	-0.002	0.001	0.003	+
SDU2-3101.6	296.693	-18.336	0.757	296.694	-18.338	0.758	0.000	-0.002	0.001	0.003	+
SDU2-3101.7	296.706	-18.335	2.272	296.707	-18.337	2.273	0.000	-0.002	0.001	0.003	+
SDU2-3101.9	297.030	-11.133	0.668	297.030	-11.135	0.669	0.000	-0.002	0.001	0.002	+
SDU2-3110.3	305.692	-18.750	-1.244	305.692	-18.752	-1.243	0.000	-0.002	0.001	0.003	+
SDU2-3110.4	305.694	-18.748	-0.835	305.695	-18.751	-0.834	0.000	-0.002	0.001	0.003	+
SDU2-3110.5	305.694	-18.749	0.366	305.695	-18.751	0.367	0.001	-0.002	0.001	0.003	+
SDU2-3110.6	305.695	-18.749	0.760	305.695	-18.751	0.761	0.001	-0.002	0.001	0.002	+
SDU2-3110.7	305.698	-18.742	2.283	305.699	-18.744	2.284	0.001	-0.002	0.001	0.002	+
SDU2-3110.9	306.025	-11.561	0.664	306.025	-11.563	0.664	0.000	-0.002	0.001	0.002	+
XS3-2760.1	-43.676	2.365	-2.535	-43.676	2.365	-2.533	0.000	-0.001	0.003	0.003	+
XS3-2760.2	-43.707	4.681	-2.534	-43.707	4.680	-2.531	0.000	-0.001	0.003	0.003	+
XS3-2760.3	-43.456	6.869	-2.305	-43.456	6.868	-2.303	0.000	-0.001	0.002	0.003	+
XS3-2760.4	-43.471	6.866	-1.561	-43.471	6.866	-1.559	0.000	-0.001	0.002	0.002	+
XS3-2760.5	-43.484	6.862	-0.728	-43.484	6.862	-0.725	0.000	-0.001	0.002	0.002	+
XS3-2761.4	-42.228	-0.240	-1.543	-42.228	-0.241	-1.540	-0.000	-0.000	0.003	0.003	+
XS3-2761.5	-42.227	-0.238	-0.741	-42.227	-0.238	-0.738	-0.000	-0.000	0.003	0.003	+
XS3-2761.6	-42.226	-0.238	-0.118	-42.226	-0.239	-0.115	-0.000	-0.000	0.003	0.003	+
XS3-2765.1	-38.086	3.561	-2.135	-38.086	3.560	-2.133	-0.000	-0.001	0.003	0.003	+
XS3-2770.2	-33.211	4.547	-1.641	-33.211	4.546	-1.639	-0.000	-0.001	0.002	0.003	+
XS3-2770.20	-33.213	2.181	-1.654	-33.213	2.180	-1.651	-0.000	-0.001	0.003	0.003	+
XS3-2770.3	-33.062	4.262	-1.364	-33.062	4.261	-1.362	-0.000	-0.001	0.003	0.003	+

XS3-XTD4-XSDU2-XTD10

Vector Group PANDA_PR_Komplett::Auto Vectors: Groups: LA XFEL Gesamt											
Name	Begin			End			Delta				
	X1 (m)	Y1 (m)	Z1 (m)	X2 (m)	Y2 (m)	Z2 (m)	dX (m)	dY (m)	dZ (m)	Mag (m)	
XS3-2770.30	-33.101	2.659	-1.426	-33.102	2.658	-1.424	-0.000	-0.001	0.003	0.003	+
XS3-2770.40	-33.102	2.663	-0.680	-33.103	2.662	-0.678	-0.000	-0.001	0.003	0.003	+
XS3-2770.4	-33.064	4.278	-0.624	-33.064	4.277	-0.621	-0.000	-0.001	0.003	0.003	+
XS3-2770.50	-33.101	2.661	0.144	-33.101	2.660	0.147	-0.000	-0.001	0.003	0.003	+
XS3-2770.5	-33.064	4.278	0.154	-33.064	4.278	0.156	-0.000	-0.001	0.002	0.003	+