movement-20

Start Index	Stop Index	Start Time	End Time	X [m]	Y [m]	Z [m]
6	48	0.25	2.35	0.352533	-0.309568	-21.381299
100	142	4.95	7.05	0.191492	0.578579	-21.376094
197	237	9.8	11.8	-0.150589	0.105197	-19.386427
277	329	13.8	16.4	0.68473	0.018411	-32.78159
369	407	18.4	20.3	0.434299	-0.003757	-17.976666
440	485	21.95	24.2	3.981427	-2.823389	-23.638944
613	661	30.6	33	-0.00152	-0.075387	-27.943726
733	774	36.6	38.65	-0.139125	0.087022	-20.451682
845	889	42.2	44.4	-0.641987	-4.129016	-21.225546
947	991	47.3	49.5	-0.909985	-22.070812	-2.855779
1050	1088	52.45	54.35	2.612688	-0.019962	-16.336424
1150	1195	57.45	59.7	23.021133	-0.03924	-1.887527
	Total Distance:			29.435096	-28.681921	-227.241702

Start Index	Stop Index	Start Time	End Time	Pitch [radia	Roll [radians]	Yaw [radians]
6	48	0.25	2.35	-0.017175	0.000298	-0.044526
100	142	4.95	7.05	0.001452	-0.01667	0.040136
197	237	9.8	11.8	-0.000551	-0.012135	-0.013817
277	329	13.8	16.4	-0.005372	0.001318	0.041893
369	407	18.4	20.3	0.16069	0.105549	-0.059015
440	485	21.95	24.2	-0.192021	-0.093844	0.049514
613	661	30.6	33	0.047987	-0.0047	1.4599
733	774	36.6	38.65	-0.001611	-0.010253	-1.4764
845	889	42.2	44.4	1.575496	-0.097429	-0.080252
947	991	47.3	49.5	-1.513114	0.00934	0.051571
1050	1088	52.45	54.35	-0.005032	1.702818	-0.073442
1150	1195	57.45	59.7	-0.040427	-1.616448	0.043937
	Total Angular Rotation:			0.010323	-0.032157	-0.060501