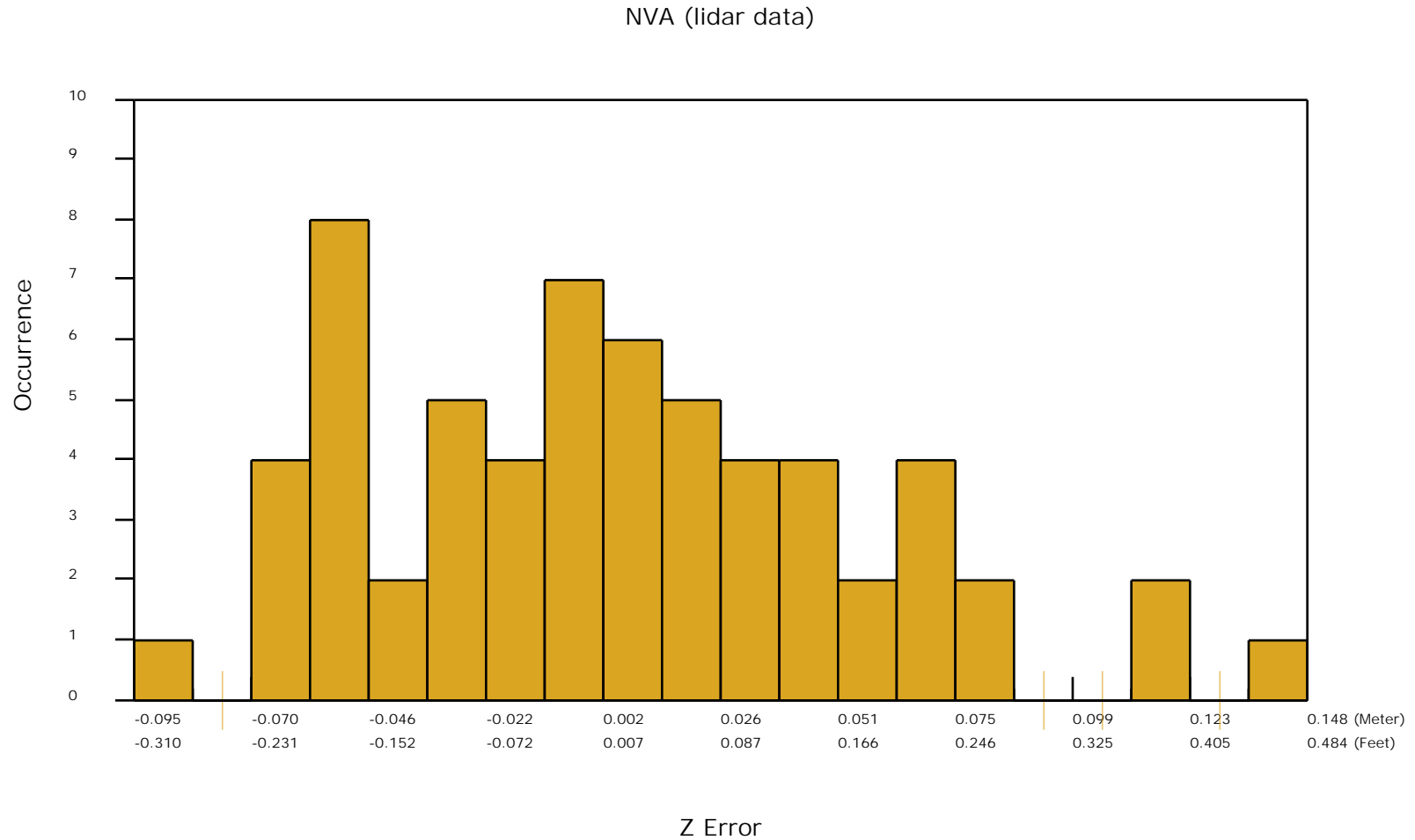


DPH-11 Report on Absolute Vertical Accuracy - continued

The purpose of this section is to show a frequency distribution chart of the non-vegetated vertical accuracy (NVA) of the lidar point cloud data measured against surveyed ground check points.

[Data Source - Y:\Mapping\Projects\65220595_CO_SanLuisJuanMiguel\Production\Final_Client_Deliverables\Block5\point_cloud\tilecls_New](#)

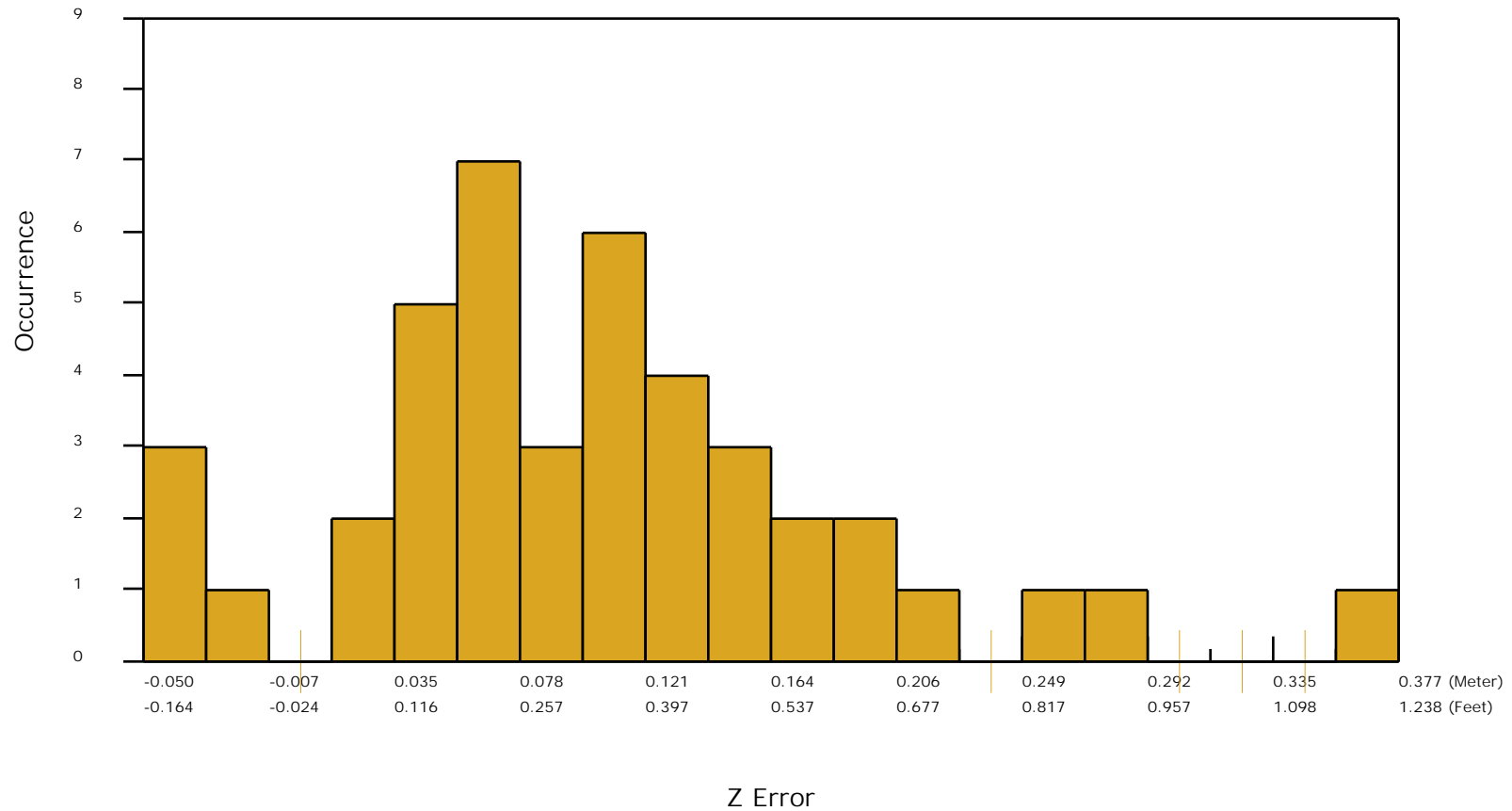


DPH-11 Report on Absolute Vertical Accuracy - continued

The purpose of this section is to show a frequency distribution chart of the vegetated vertical accuracy (VVA) of the lidar point cloud data measured against surveyed ground check points.

[Data Source - Y:\Mapping\Projects\65220595_CO_SanLuisJuanMiguel\Production\Final_Client_Deliverables\Block5\point_cloud\tilecls_New](#)

VVA (lidar data)



DPH-11 Report on Absolute Vertical Accuracy - continued

The purpose of this section is to report the results of measuring the DEM data against surveyed ground NVA (nonvegetated vertical accuracy) check points. All XY coordinates and Z values reported are in the selected data units.

NVA (DEM)								
ID	X	Y	Coverage	Z	Z From Lidar	Z Error	Description	Comments
6068	401805.449	4178473.246	Yes	2331.607	2331.541	-0.066		
6069	461850.4	4142249.872	Yes	2418.88	2418.945	0.065		
6070	427995.711	4226709.273	Yes	2565.656	2565.663	0.007		
6073	389570.421	4165464.647	Yes	2387.032	2387.085	0.053		
6077	408186.68	4154942.129	Yes	2319.34	2319.408	0.068		
6079	398244.688	4135594.155	Yes	2421.827	2421.865	0.038		
6080	398425.391	4146376.597	Yes	2336.434	2336.517	0.083		
6080A	397278.032	4149621.564	Yes	2346.126	2346.175	0.049		
6085	396859.262	4160060.469	Yes	2339.236	2339.385	0.149		
6086	411292.675	4143049.849	Yes	2311.635	2311.620	-0.015		
6091	448968.391	4168920.9	Yes	2373.422	2373.389	-0.033		
6092	427061.897	4210162.128	Yes	2319.555	2319.552	-0.003		
6093	446864.365	4157787.377	Yes	2347.058	2347.090	0.032		
6100	439025.995	4168660.381	Yes	2297.948	2297.889	-0.059		
6102	423447.632	4165467.605	Yes	2303.669	2303.699	0.030		
6104	421317.381	4192485.25	Yes	2299.775	2299.764	-0.011		
6105	410746.794	4244606.966	Yes	2553.041	2553.018	-0.023		
6106	442837.406	4197908.295	Yes	2502.022	2502.015	-0.007		
6109	399606.763	4205932.364	Yes	2330.075	2330.041	-0.034		
6112	389576.669	4103249.094	Yes	2582.837	2582.898	0.061		
6114	417057.309	4233600.809	Yes	2433.464	2433.461	-0.003		
6115	393907.891	4178564.542	Yes	2351.59	2351.624	0.034		
6117	388625.64	4149995.969	Yes	2522.914	2522.962	0.048		
6121	392998.994	4116284.63	Yes	2507.929	2508.053	0.124		
6123	438841.869	4207290.894	Yes	2519.936	2519.900	-0.036		
6125	420348.697	4204553.706	Yes	2305.354	2305.331	-0.023		
6128	395819.07	4188224.057	Yes	2333.301	2333.232	-0.069		
6130	399249.705	4216446.171	Yes	2356.833	2356.817	-0.016		
6135	433870.83	4152566.25	Yes	2294.457	2294.460	0.003		
6135A	433834.426	4149337.861	Yes	2294.867	2294.880	0.013		

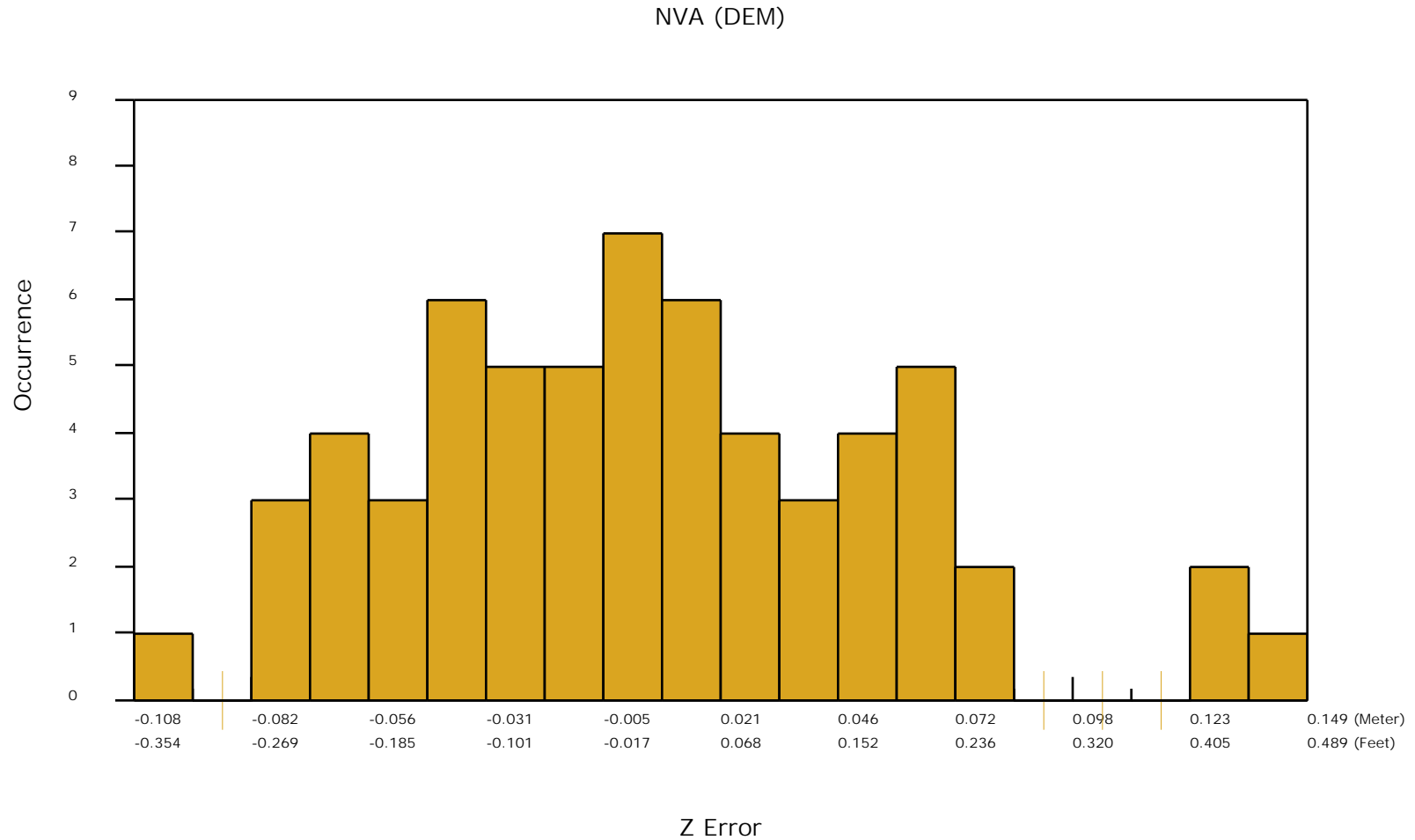
Check Points Vertical Accuracy - continued

ID	X	Y	Coverage	Z	Z From Lidar	Z Error	Description	Comments
6141	428587.246	4204819.962	Yes	2314.436	2314.509	0.073		
6143	421060.657	4142894.686	Yes	2299.125	2299.045	-0.080		
6145	422427.394	4178399.534	Yes	2304.022	2304.040	0.018		
6148	395055.324	4124218.191	Yes	2462.958	2463.083	0.125		
6151	447491.794	4164766.516	Yes	2367.412	2367.391	-0.021		
6151A	447997.871	4165758.661	Yes	2379.66	2379.680	0.020		
6156	441167.215	4198678.593	Yes	2399.64	2399.671	0.031		
6157	399362.281	4197846.181	Yes	2315.919	2315.846	-0.073		
6162	470934.456	4150452.797	Yes	2506.36	2506.373	0.013		
6165	400080.245	4239076.996	Yes	2885.406	2885.411	0.005		
6166	405465.159	4230274.345	Yes	2615.258	2615.238	-0.020		
6168	391925.289	4220503.92	Yes	2443.419	2443.383	-0.036		
6169	454019.014	4175078.931	Yes	2478.995	2479.047	0.052		
6172	479715.696	4161815.313	Yes	2760.588	2760.594	0.006		
6180	399901.484	4102562.521	Yes	2482.976	2483.013	0.037		
6183	408351.482	4168750.078	Yes	2322.189	2322.199	0.010		
6183A	408397.985	4170357.152	Yes	2321.633	2321.651	0.018		
6196	438685.897	4147727.81	Yes	2307.12	2307.072	-0.048		
6199	450467.063	4146168.548	Yes	2349.406	2349.372	-0.034		
6200	456155.493	4150940.512	Yes	2479.526	2479.470	-0.056		
6202	424200.815	4155797.788	Yes	2301.782	2301.807	0.025		
6202A	403121.826	4126902.678	Yes	2371.375	2371.445	0.070		
6207	409237.681	4205604.175	Yes	2311.499	2311.464	-0.035		
6207A	410838.542	4205595.22	Yes	2309.82	2309.803	-0.017		
6209	419377.474	4217360.114	Yes	2327.459	2327.466	0.007		
6210	401190.141	4250656.666	Yes	2705.022	2705.003	-0.019		
6218	427292.004	4217193.253	Yes	2364.423	2364.489	0.066		
6220	408754.272	4188099.431	Yes	2311.344	2311.294	-0.050		
6220A	408663.431	4186467.568	Yes	2312.556	2312.494	-0.062		
6223	412895.165	4220918.491	Yes	2388.733	2388.625	-0.108		
6227	426021.24	4183245.343	Yes	2298.463	2298.406	-0.057		

DPH-11 Report on Absolute Vertical Accuracy - continued

The purpose of this section is to show a frequency distribution chart of the non-vegetated vertical accuracy (NVA) of the DEM data measured against surveyed ground check points.

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DPH-11 Report on Absolute Vertical Accuracy - continued

The purpose of this section is to report the results of measuring the DEM data against surveyed ground VVA (vegetated vertical accuracy) check points. All XY coordinates and Z values reported are in the selected data units.

VVA (DEM)								
ID	X	Y	Coverage	Z	Z From Lidar	Z Error	Description	Comments
7065	402005.542	4178761.36	Yes	2330.699	2330.824	0.125		
7065A	402001.494	4178604.617	Yes	2330.544	2330.625	0.081		
7066	461892.831	4142634.476	Yes	2424.098	2424.157	0.059		
7067	428086.032	4226862.825	Yes	2577.363	2577.440	0.077		
7067A	428790.17	4226028.875	Yes	2609.004	2609.151	0.147		
7070	389293.003	4165821.309	Yes	2388.514	2388.615	0.101		
7074	407617.176	4155144.919	Yes	2319.622	2319.921	0.299		
7076	398232.878	4137651.953	Yes	2405.91	2406.026	0.116		
7077	399235.282	4146405.273	Yes	2334.503	2334.630	0.127		
7081	397033.097	4160063.52	Yes	2338.684	2338.822	0.138		
7086	448560.115	4167494.624	Yes	2383.189	2383.305	0.116		
7087	427054.962	4210129.44	Yes	2318.456	2318.611	0.155		
7088	446889.11	4157994.164	Yes	2346.962	2347.087	0.125		
7094	438076.206	4168699.414	Yes	2294.809	2294.899	0.090		
7094A	437418.103	4168688.133	Yes	2293.746	2293.828	0.082		
7096	424402.428	4165465.634	Yes	2302.235	2302.361	0.126		
7098	421304.414	4193224.128	Yes	2299.03	2299.079	0.049		
7099	410937.631	4244311.898	Yes	2547.018	2547.103	0.085		
7100	442890.617	4196891	Yes	2463.463	2463.462	-0.001		
7103	401560.904	4205917.211	Yes	2320.911	2320.800	-0.111		
7106	390148.619	4103115.44	Yes	2574.772	2574.735	-0.037		
7108	416968.573	4233635.305	Yes	2433.657	2433.708	0.051		
7110	388449.361	4150044.876	Yes	2526.381	2526.453	0.072		
7114	392819.487	4116024.118	Yes	2500.592	2500.855	0.263		
7114A	393009.589	4116491.582	Yes	2499.919	2500.121	0.202		
7116	438813.189	4207301.598	Yes	2518.622	2518.688	0.066		
7118	420376.727	4205338.527	Yes	2304.963	2305.119	0.156		
7121	399046.425	4188220.86	Yes	2325.468	2325.559	0.091		
7121A	396485.328	4188195.464	Yes	2329.762	2329.804	0.042		
7123	399844.359	4215610.162	Yes	2348.71	2348.800	0.090		

Check Points Vertical Accuracy - continued

ID	X	Y	Coverage	Z	Z From Lidar	Z Error	Description	Comments
7126	432314.109	4152522.37	Yes	2295.491	2295.631	0.140		
7126A	433875.007	4150966.383	Yes	2294.318	2294.537	0.219		
7132	428606.515	4204786.865	Yes	2314.112	2314.227	0.115		
7134	420784.952	4142115.105	Yes	2297.679	2297.682	0.003		
7136	423073.854	4178380.211	Yes	2301.678	2301.862	0.184		
7139	397419.044	4125663.701	Yes	2407.102	2407.141	0.039		
7146	441158.577	4198507.491	Yes	2398.664	2398.639	-0.025		
7147	399699.478	4197833.525	Yes	2313.774	2313.725	-0.049		
7152	470326.045	4149784.071	Yes	2500.304	2500.472	0.168		
7155	400179.134	4238854.156	Yes	2873.185	2873.250	0.065		
7156	407486.793	4230235.165	Yes	2581.663	2581.637	-0.026		
7162	409587.336	4097607.576	Yes	2417.52	2417.799	0.279		

DPH-11 Report on Absolute Vertical Accuracy - continued

The purpose of this section is to show a frequency distribution chart of the vegetated vertical accuracy (VVA) of the DEM data measured against surveyed ground check points.

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