

TACT 1988 Prince William Sound Marine Airgun Travel Time
Picks for Tomography Analysis

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The files contain a unique FFID, range (in kilometers), and reduced travel time (in seconds), reduced by 6 km/s. Zero travel time corresponds to the shottime. The files contain picks only for first arrivals.

These files were picked from SEG Y formatted common receiver gathers recorded during the acquisition of TACT 1988 Marine Airgun Lines in the Prince William Sound, southern Alaska, using USGS Five-Day Recorders (see Brocher, T.M., and M.J. Moses, 1990, Wide-angle seismic recordings obtained during the TACT multichannel reflection profiling in the northern Gulf of Alaska, U.S. Geological Survey Open-file Report 90-663, 40 pp.).

The travel times for the first arrivals were picked 19-21 September 2001 using ProMax; the first arrival picks were initially saved in ProMax format with FFID, range (in meters), and travel time (in millisecond) reduced to 6 km/s, with an offset of 4000 milliseconds. The picks were made from a single DLT containing all the SEG Y record sections made by Mike Moses in 1989 and 1990. I attempted to make picks for all traces for which the signal-to-noise was large enough.

A unique FFID was assigned to every shot in the complete shot time file for the entire TACT 1988 PWS survey.

Line	FFID Range
GLACIER	10001-10716
HINCHINBROOK	20001-22516
KAYAK	30001-33087
PWS	40001-43623
SUCKLING	50001-52532
TACT	60001-66557

At the time that the original SEG Y files were created by Mike Moses, no null traces were inserted for missing shots on the tapes, thus the original FFID range for each common receiver gather was not always complete. For most lines at

most receivers, however, there were no missing shots in the original SEGY files. For the files that were found to be incomplete, I calculated the intertrace distance between shots (in meters). For each incomplete gather, gaps in the shots were identified where the intertrace distance exceeded the nominal average intertrace distance, and FFIDs were inserted in these gaps. I believe that this procedure allows the true trace FFID to be calculated to within a few traces (say <200 meter error).

In a few cases, particularly for the GLACIER and SUCKLING lines, the original SEGY file could not be located on the archival DLT tape. In the cases where travel time picks for these missing SEGY files (range versus reduced travel time) were available, the ranges were converted to approximate FFIDs from the calculated average intertrace distance for that particular common receiver gather. These picks can be easily distinguished since the picks were made with a large FFID spacing between picks.

Travel time picks were made for the following stations in the Prince William Sound area.

Station	Longitude	Latitude	Elevation (m)
Busby Island	-146.807333	60.893917	3
Culross Island	-148.209333	60.752667	99
Green Island	-147.498167	60.257167	-10
Geos-Suckling Line	-144.67292	58.75345	-10
Geos-TACT Line	-145.23693	58.58690	2
Hanning Island	-147.705667	59.942167	130
Kayak Island	-144.490333	59.874000	244
Middleton Island	-146.305667	59.452667	26
Montague Island	-147.115333	60.367917	99
Naked Island	-147.459167	60.625083	160
Perry Island	-147.910000	60.730833	259
Shoup Bay	-146.606667	61.154667	15
Signal Mountain	-146.669333	60.276250	361
Smith Island	-147.342500	60.530000	2
Stuart Creek	-145.285500	61.254583	369
Suckling Hills	-143.785833	60.081500	274
Whittier	-148.528083	60.799533	3
Zaikof Point	-146.928667	60.299500	84

FILES:

Xxxpiks.xcl - excel files containing the first arrival travel time picks for each station (xxx = station name)

TACT 1988 Station Locations.xcl - excel file containing the latitude, longitude, and elevation for each station

TACT1988 shot locs.xcl - excel file containing the FFID, latitude, longitude, elevation for each airgun shot

TACT 1988 Tomography - excel file containing information on the number of picks made for each common receiver gather

1988 TACT Station locs.xcl

Station	Longitude	Latitude	Elev., m
Busby Island	-146.807333	60.893917	3
Culross Island	-148.209333	60.752667	99
Geos-Suckling	-144.672917	58.75345	-10
Geos-Tact Line	-145.236933	58.58690	-10
Green Island	-147.498167	60.257167	2
Hanning Island	-147.705667	59.942167	130
Kayak Island	-144.490333	59.87400	244
Middleton Island	-146.305667	59.452667	26
Montague Island	-147.115333	60.367917	99
Naked Island	-147.459167	60.625083	160
Perry Island	-147.91000	60.730833	259
Shoup Bay	-146.606667	61.154667	15
Signal Mountain	-146.669333	60.27625	361
Smith Island	-147.34250	60.53000	2
Stuart Creek	-145.28550	61.254583	369
Suckling Hills	-143.785833	60.08150	274
Whittier	-148.528083	60.799533	3
Zaikof Point	-146.928667	60.29950	84

Station TACT 1988	Longitude	Latitude	Elev. meters	No. of Missing Shots	10000 Glacier 716	20000 Hinch 5095	30000 Kayak 3084
Busby Island	-146.807333	60.893917	3	-369	0	No Data	-36
Culross Island	-148.209333	60.752667	99	-1	0	No Data	-1
Geos-Suckling	-144.672917	58.753450	-10		No Data	No Data	No Data
Geos-Tact Line	-145.236933	58.586900	-10		No Data	No Data	No Data
Green Island	-147.498167	60.257167	2	-9	0	0	No Data
Hanning Island	-147.705667	59.942167	130	-242	0?	-18	No Data
Kayak Island	-144.490333	59.874000	244	-86	No Data	-30	0
Middleton Island	-146.305667	59.452667	26	-88	0?	0?	-1
Montague Island	-147.115333	60.367917	99	-63	0	No Data	-39
Naked Island	-147.459167	60.625083	160	-143	0	No Data	-143
Perry Island	-147.910000	60.730833	259	-37	0	No Data	-20
Shoup Bay	-146.606667	61.154667	15	-491	0	No Data	0
Signal Mountain	-146.669333	60.276250	361	-37	No Data	No Data	?
Smith Island	-147.342500	60.530000	2	-163	0	-108	0?
Stuart Creek	-145.285500	61.254583	369	-2942	0	72?	0
Suckling Hills	-143.785833	60.081500	274	-10	No Data	-10	0
Whittier	-148.528083	60.799533	3	-3521	0	No Data	No Data
Zaikof Point	-146.928667	60.299500	84	-346	0	No Data	-184

Station TACT 1988	Longitude	Latitude	Pick File Size, MB	10000 Glacier 716	20000 Hinch 5095	30000 Kayak 3084	
Busby Island	-146.807333	60.893917	78%	0.750	0.097	No Data	0.164
Culross Island	-148.209333	60.752667	93%	0.895	0.097	No Data	0.149
Geos-Suckling	-144.672917	58.753450	10%	0.097	No Data	No Data	No Data
Geos-Tact Line	-145.236933	58.586900	10%	0.097	No Data	No Data	No Data
Green Island	-147.498167	60.257167	84%	0.805	0.097	0.219	No Data
Hanning Island	-147.705667	59.942167	26%	0.250	0.000	0.117	No Data
Kayak Island	-144.490333	59.874000	89%	0.854	No Data	0.265	0.205
Middleton Island	-146.305667	59.452667	29%	0.281	0.000	0.000	0.039
Montague Island	-147.115333	60.367917	100%	0.962	0.097	No Data	0.187
Naked Island	-147.459167	60.625083	87%	0.839	0.097	No Data	0.182
Perry Island	-147.910000	60.730833	82%	0.790	0.097	No Data	0.145
Shoup Bay	-146.606667	61.154667	51%	0.492	0.097	No Data	0.116
Signal Mountain	-146.669333	60.276250	77%	0.744	0.000	No Data	0.097
Smith Island	-147.342500	60.530000	73%	0.699	0.097	0.320	0.000
Stuart Creek	-145.285500	61.254583	49%	0.476	0.097	0.000	0.085
Suckling Hills	-143.785833	60.081500	63%	0.603	No Data	0.000	0.227
Whittier	-148.528083	60.799533	51%	0.490	0.097	No Data	No Data
Zaikof Point	-146.928667	60.299500	73%	0.702	0.097	No Data	0.148
Maximum				0.962	0.097	0.320	0.227

1988 TACT shot locs.xcl

1988 TACT shot locs.xcl			
FFID	lat	long	Depth
10001	60.81800	-147.55101	0
10002	60.81783	-147.55014	0
10003	60.81767	-147.54932	0
10004	60.81750	-147.54845	0
10005	60.81730	-147.54762	0
10006	60.81714	-147.54675	0
10007	60.81697	-147.54593	0
10008	60.81680	-147.54506	0
10009	60.81661	-147.54424	0
10010	60.81644	-147.54337	0
10011	60.81628	-147.54251	0
10012	60.81611	-147.54164	0
10013	60.81594	-147.54082	0
10014	60.81578	-147.53995	0
10015	60.81558	-147.53912	0
10016	60.81541	-147.53828	0
10017	60.81522	-147.53745	0
10018	60.81503	-147.53662	0
10019	60.81483	-147.53578	0
10020	60.81464	-147.53496	0
10021	60.81447	-147.53412	0
10022	60.81428	-147.53328	0
10023	60.81408	-147.53247	0
10024	60.81389	-147.53160	0
10025	60.81367	-147.53081	0
10026	60.81347	-147.52997	0
10027	60.81328	-147.52916	0
10028	60.81308	-147.52834	0
10029	60.81289	-147.52750	0
10030	60.81269	-147.52666	0
10031	60.81250	-147.52586	0
10032	60.81231	-147.52499	0
10033	60.81211	-147.52419	0
10034	60.81192	-147.52339	0
10035	60.81170	-147.52255	0
10036	60.81153	-147.52171	0
10037	60.81133	-147.52089	0
10038	60.81116	-147.52002	0
10039	60.81097	-147.51921	0
10040	60.81078	-147.51836	0
10041	60.81061	-147.51752	0
10042	60.81042	-147.51666	0
10043	60.81025	-147.51584	0
10044	60.81008	-147.51497	0
10045	60.80989	-147.51414	0
10046	60.80972	-147.51328	0
10047	60.80956	-147.51245	0

busbyislpiks.xcl

10004	-41.074	1.003	30029	-74.379	1.244	30082	-76.268	1.244
10034	-40.360	1.085	30030	-74.412	1.244	30088	-76.496	1.244
10063	-39.779	1.151	30031	-74.445	1.235	30089	-76.533	1.244
10093	-38.699	1.203	30032	-74.480	1.235	30090	-76.568	1.253
10122	-37.736	1.212	30033	-74.513	1.235	30091	-76.605	1.263
10152	-36.884	1.219	30034	-74.547	1.235	30092	-76.640	1.263
10181	-36.265	1.247	30035	-74.581	1.226	30093	-76.677	1.272
10211	-35.442	1.236	30036	-74.615	1.226	30094	-76.712	1.272
10240	-34.905	1.293	30037	-74.649	1.226	30095	-76.744	1.281
10270	-34.676	1.265	30038	-74.682	1.226	30096	-76.779	1.281
10299	-34.154	1.287	30039	-74.720	1.217	30097	-76.813	1.290
10329	-33.395	1.274	30040	-74.753	1.217	30098	-76.852	1.290
10358	-32.480	1.285	30041	-74.787	1.217	30099	-76.886	1.300
10388	-31.889	1.265	30042	-74.824	1.207	30100	-76.920	1.300
10417	-31.435	1.280	30043	-74.860	1.207	30101	-76.956	1.309
10447	-30.717	1.252	30044	-74.896	1.207	30102	-76.993	1.309
10476	-30.480	1.264	30045	-74.934	1.207	30103	-77.031	1.318
10506	-29.930	1.259	30046	-74.972	1.207	30104	-77.066	1.318
10535	-29.005	1.231	30047	-75.009	1.217	30105	-77.103	1.327
10565	-28.175	1.190	30048	-75.048	1.217	30106	-77.140	1.327
10594	-27.218	1.170	30049	-75.086	1.217	30108	-77.216	1.355
10624	-26.616	1.182	30050	-75.126	1.226	30109	-77.256	1.364
10653	-25.908	1.207	30051	-75.165	1.226	30110	-77.293	1.364
10683	-25.256	1.228	30052	-75.201	1.226	30111	-77.331	1.373
10712	-24.741	1.266	30053	-75.241	1.226	30112	-77.367	1.382
30005	-73.509	1.272	30054	-75.279	1.235	30113	-77.406	1.392
30006	-73.546	1.272	30055	-75.319	1.235	30114	-77.446	1.392
30007	-73.582	1.272	30056	-75.355	1.235	30115	-77.483	1.401
30008	-73.620	1.272	30057	-75.392	1.244	30116	-77.520	1.410
30009	-73.659	1.272	30058	-75.429	1.244	30117	-77.559	1.419
30010	-73.694	1.272	30059	-75.463	1.244	30120	-77.667	1.456
30011	-73.735	1.263	30060	-75.496	1.244	30121	-77.706	1.456
30012	-73.774	1.263	30061	-75.531	1.253	30122	-77.744	1.456
30013	-73.810	1.263	30062	-75.565	1.253	30123	-77.782	1.456
30014	-73.848	1.263	30063	-75.601	1.253	30124	-77.820	1.456
30015	-73.884	1.263	30066	-75.696	1.272	30125	-77.855	1.456
30016	-73.922	1.263	30067	-75.728	1.281	30126	-77.892	1.456
30017	-73.958	1.263	30068	-75.760	1.281	30127	-77.927	1.456
30018	-73.997	1.263	30069	-75.792	1.290	30128	-77.965	1.456
30019	-74.034	1.263	30070	-75.826	1.290	30129	-78.003	1.456
30020	-74.070	1.263	30071	-75.862	1.300	30130	-78.041	1.456
30021	-74.102	1.263	30074	-75.964	1.290	30131	-78.078	1.456
30022	-74.140	1.263	30075	-76.002	1.281	30132	-78.117	1.456
30023	-74.176	1.253	30076	-76.038	1.281	30133	-78.156	1.456
30024	-74.209	1.253	30077	-76.076	1.272	30134	-78.193	1.456
30025	-74.243	1.253	30078	-76.113	1.272	30135	-78.232	1.456
30026	-74.276	1.253	30079	-76.152	1.263	30136	-78.273	1.465
30027	-74.311	1.253	30080	-76.192	1.263	30137	-78.310	1.465
30028	-74.348	1.253	30081	-76.228	1.253	30138	-78.349	1.465

Culrossislpiks.xcl

10001	36.520882	1.549406	30012	-112.427	1.21659	30063	-114.977	1.19816
10018	37.285397	1.653570	30013	-112.476	1.21659	30064	-115.025	1.19816
10033	37.959908	1.755442	30014	-112.526	1.21659	30065	-115.075	1.18894
10043	38.434155	1.813839	30015	-112.576	1.21659	30066	-115.125	1.18894
10077	39.970085	1.759084	30016	-112.625	1.20737	30067	-115.175	1.18894
10098	40.898155	1.743255	30017	-112.675	1.20737	30068	-115.226	1.19816
10113	41.577354	1.779534	30019	-112.776	1.19816	30069	-115.275	1.19816
10128	42.289555	1.757672	30020	-112.826	1.19816	30070	-115.324	1.19816
10150	43.261066	1.737294	30021	-112.875	1.19816	30071	-115.377	1.20737
10159	43.661781	1.752613	30022	-112.926	1.19816	30072	-115.425	1.20737
10166	43.9995	1.730912	30023	-112.976	1.19816	30073	-115.474	1.20737
10189	45.026524	1.706023	30024	-113.027	1.19816	30074	-115.524	1.20737
10205	45.776295	1.678923	30025	-113.076	1.18894	30075	-115.575	1.21659
10218	46.365459	1.689478	30026	-113.125	1.18894	30076	-115.626	1.19816
10236	47.175919	1.661230	30027	-113.176	1.18894	30077	-115.676	1.20737
10246	47.640018	1.641265	30028	-113.228	1.18894	30078	-115.725	1.20737
10260	48.273853	1.666020	30029	-113.277	1.18894	30079	-115.775	1.21659
10276	48.972099	1.651479	30030	-113.326	1.18894	30080	-115.825	1.21659
10284	49.358219	1.605829	30031	-113.376	1.18894	30085	-116.074	1.22581
10297	49.916996	1.593526	30032	-113.427	1.18894	30086	-116.125	1.22581
10317	50.831966	1.581675	30033	-113.475	1.18894	30087	-116.175	1.23502
10332	51.509968	1.528239	30034	-113.525	1.18894	30088	-116.226	1.23502
10345	52.12883	1.564328	30035	-113.575	1.18894	30089	-116.275	1.24424
10360	52.796001	1.529604	30036	-113.626	1.17972	30090	-116.325	1.24424
10377	53.579414	1.512651	30037	-113.676	1.17972	30091	-116.374	1.24424
10396	54.416798	1.497209	30038	-113.723	1.17972	30092	-116.425	1.25346
10412	55.152153	1.502868	30039	-113.777	1.17972	30093	-116.475	1.25346
10429	55.896801	1.495836	30040	-113.826	1.17972	30094	-116.526	1.26267
10451	56.906101	1.492983	30041	-113.874	1.17972	30095	-116.574	1.26267
10469	57.706425	1.480771	30043	-113.976	1.17972	30096	-116.624	1.27189
10485	58.470703	1.467775	30044	-114.025	1.17972	30097	-116.672	1.27189
10510	59.565689	1.460506	30045	-114.077	1.17972	30098	-116.725	1.27189
10528	60.395756	1.497259	30046	-114.126	1.17972	30099	-116.774	1.28111
10544	61.101627	1.500147	30047	-114.175	1.17972	30100	-116.824	1.28111
10556	61.647301	1.491821	30048	-114.226	1.17972	30106	-117.125	1.29032
10581	62.813206	1.514231	30049	-114.275	1.17972	30107	-117.175	1.29032
10612	64.211678	1.524652	30050	-114.326	1.18894	30108	-117.224	1.29032
10638	65.403427	1.540448	30051	-114.378	1.18894	30109	-117.276	1.29954
10670	66.83326	1.546283	30052	-114.426	1.18894	30110	-117.325	1.29954
10697	68.061913	1.559518	30053	-114.476	1.18894	30111	-117.376	1.29954
10715	68.879005	1.576145	30054	-114.525	1.18894	30112	-117.425	1.29954
30004	-112.026	1.23502	30055	-114.577	1.18894	30113	-117.475	1.30876
30005	-112.076	1.23502	30056	-114.626	1.18894	30114	-117.526	1.30876
30006	-112.125	1.23502	30057	-114.677	1.18894	30115	-117.576	1.30876
30007	-112.176	1.22581	30058	-114.727	1.18894	30116	-117.625	1.31797
30008	-112.225	1.22581	30059	-114.776	1.18894	30117	-117.675	1.31797
30009	-112.277	1.22581	30060	-114.824	1.18894	30118	-117.725	1.31797
30010	-112.324	1.22581	30061	-114.875	1.18894	30119	-117.775	1.31797
30011	-112.375	1.21659	30062	-114.925	1.19816	30120	-117.823	1.32719

Geossucklingpiks.xcl

51756	39.575	6.571	51805	37.446	6.521
51757	39.532	6.571	51806	37.405	6.525
51758	39.490	6.571	51807	37.358	6.525
51759	39.447	6.571	51808	37.313	6.525
51760	39.405	6.571	51809	37.269	6.530
51761	39.363	6.576	51810	37.224	6.530
51762	39.320	6.576	51811	37.177	6.535
51763	39.275	6.576	51812	37.132	6.535
51764	39.235	6.576	51813	37.089	6.539
51765	39.193	6.576	51814	37.040	6.539
51766	39.149	6.576	51815	36.997	6.539
51767	39.105	6.576	51816	36.952	6.544
51768	39.063	6.576	51817	36.908	6.548
51769	39.023	6.581	51818	36.863	6.548
51770	38.979	6.581	51819	36.820	6.553
51771	38.938	6.581	51820	36.774	6.558
51772	38.893	6.585	51821	36.731	6.562
51773	38.852	6.585	51822	36.684	6.562
51774	38.808	6.585	51823	36.643	6.567
51775	38.767	6.585	51824	36.597	6.567
51776	38.722	6.590	51825	36.554	6.571
51777	38.681	6.590	51826	36.507	6.576
51778	38.637	6.590	51827	36.465	6.585
51779	38.595	6.590	51828	36.419	6.590
51780	38.552	6.594	51829	36.376	6.599
51781	38.510	6.594	51830	36.333	6.604
51782	38.466	6.594	51831	36.287	6.608
51783	38.421	6.594	51832	36.245	6.613
51784	38.381	6.594	51833	36.198	6.618
51785	38.339	6.599	51834	36.156	6.641
51786	38.293	6.599	51835	36.070	6.641
51787	38.247	6.599	51836	36.024	6.645
51788	38.203	6.599	51837	35.981	6.645
51789	38.158	6.599	51838	35.939	6.645
51790	38.115	6.604	51839	35.896	6.645
51791	38.070	6.604	51840	35.849	6.650
51792	38.027	6.608	51841	35.807	6.650
51793	37.981	6.613	51842	35.761	6.650
51794	37.938	6.613	51843	35.718	6.650
51795	37.896	6.618	51844	35.675	6.654
51796	37.850	6.618	51845	35.630	6.654
51797	37.805	6.507	51846	35.587	6.659
51798	37.761	6.507	51847	35.541	6.659
51799	37.716	6.512	51848	35.498	6.659
51800	37.673	6.512	51849	35.451	6.659
51801	37.626	6.512	51850	35.409	6.664
51802	37.581	6.516	51851	35.362	6.664
51803	37.538	6.521	51852	35.317	6.664
51804	37.493	6.521	51853	35.273	6.668

geostactpiks.xcl

60003	2.955	5.23502	60056	5.746	5.74654	60123	9.168	6.8894
60004	3.009	5.23963	60057	5.799	5.76037	60124	9.219	6.91705
60005	3.060	5.24885	60058	5.852	5.77419	60125	9.272	6.94931
60006	3.115	5.25806	60059	5.905	5.79263	60126	9.324	6.98617
60007	3.172	5.26728	60060	5.959	5.80645	60127	9.374	7.00461
60008	3.223	5.27189	60061	6.009	5.8341	60128	9.426	7.02304
60009	3.277	5.2765	60062	6.065	5.84793	60129	9.478	7.04147
60010	3.332	5.28111	60063	6.115	5.86175	60130	9.531	7.05991
60011	3.387	5.29032	60064	6.168	5.87558	60131	9.582	7.07373
60012	3.440	5.29493	60065	6.220	5.8894	60132	9.635	7.09217
60017	3.657	5.29493	60066	6.274	5.89862	60133	9.684	7.1106
60018	3.712	5.31336	60067	6.326	5.91244	60134	9.737	7.14746
60019	3.766	5.32258	60068	6.382	5.92627	60135	9.788	7.1659
60020	3.821	5.32719	60069	6.436	5.95392	60137	9.890	7.15207
60021	3.875	5.33641	60070	6.485	5.96774	60138	9.945	7.15207
60022	3.928	5.34562	60071	6.539	5.97235	60139	9.994	7.15207
60023	3.983	5.35484	60072	6.592	5.99078	60140	10.050	7.15668
60024	4.037	5.36406	60073	6.645	6.00922	60141	10.098	7.15668
60025	4.092	5.37327	60074	6.698	6.02765	60142	10.151	7.15668
60026	4.147	5.38249	60075	6.751	6.04608	60143	10.204	7.15668
60027	4.202	5.39631	60090	7.436	6.06452	60144	10.256	7.16129
60028	4.253	5.40092	60091	7.489	6.08295	60145	10.309	7.16129
60029	4.307	5.41014	60096	7.750	6.38249	60146	10.361	7.16129
60030	4.362	5.41935	60097	7.803	6.40092	60147	10.412	7.16129
60031	4.417	5.42857	60098	7.855	6.41475	60148	10.465	7.1659
60032	4.470	5.43779	60099	7.905	6.43318	60149	10.517	7.1659
60033	4.526	5.447	60100	7.958	6.47005	60150	10.569	7.1659
60034	4.577	5.45622	60101	8.012	6.48387	60151	10.618	7.1659
60035	4.631	5.47465	60102	8.065	6.5023	60152	10.671	7.17051
60036	4.682	5.48387	60103	8.118	6.52074	60153	10.724	7.17051
60037	4.737	5.49309	60104	8.170	6.53917	60154	10.776	7.17051
60038	4.792	5.5023	60105	8.220	6.553	60155	10.828	7.17051
60039	4.846	5.51152	60106	8.272	6.58986	60156	10.881	7.17051
60040	4.901	5.52074	60107	8.325	6.60369	60157	10.930	7.17512
60041	4.954	5.52074	60108	8.379	6.61751	60158	10.982	7.17512
60042	5.009	5.53456	60109	8.430	6.64516	60159	11.035	7.17512
60043	5.064	5.54839	60110	8.483	6.65899	60160	11.088	7.17972
60044	5.119	5.57143	60111	8.535	6.67281	60161	11.139	7.17972
60045	5.173	5.58525	60112	8.588	6.69124	60162	11.192	7.17972
60046	5.224	5.59908	60113	8.641	6.70507	60163	11.244	7.17972
60047	5.277	5.6129	60114	8.694	6.71889	60167	11.403	7.17972
60048	5.329	5.62673	60115	8.747	6.73272	60168	11.455	7.18433
60049	5.383	5.64055	60116	8.801	6.74654	60169	11.508	7.18433
60050	5.433	5.64977	60117	8.854	6.77419	60170	11.560	7.18894
60051	5.485	5.6682	60118	8.906	6.78802	60171	11.612	7.18894
60052	5.538	5.68203	60119	8.959	6.78341	60172	11.665	7.19355
60053	5.591	5.70046	60120	9.011	6.81106	60173	11.718	7.19355
60054	5.643	5.71429	60121	9.061	6.83871	60174	11.767	7.19816
60055	5.696	5.72811	60122	9.115	6.86636	60175	11.820	7.19816

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10001	-62.644	1.570	22014	-144.217	0.960	22135	-140.228	1.114
10066	-62.238	1.637	22015	-144.179	0.968	22136	-140.197	1.114
10131	-61.578	1.686	22016	-144.147	0.968	22137	-140.167	1.121
10196	-60.574	1.644	22017	-144.113	0.975	22138	-140.137	1.129
10261	-59.668	1.663	22018	-144.078	0.983	22139	-140.104	1.129
10326	-58.902	1.728	22019	-144.048	0.983	22140	-140.071	1.129
10391	-58.420	1.778	22020	-144.013	0.983	22141	-140.034	1.137
10456	-57.985	1.831	22021	-143.981	0.991	22142	-140.004	1.137
10521	-57.541	1.792	22022	-143.947	0.991	22143	-139.970	1.144
10586	-56.962	1.785	22023	-143.910	0.998	22144	-139.940	1.144
10651	-56.458	1.824	22024	-143.876	0.998	22148	-139.808	1.160
10716	-55.981	1.857	22025	-143.842	1.006	22149	-139.775	1.160
21974	-145.537	0.922	22026	-143.807	1.014	22150	-139.742	1.167
21975	-145.505	0.929	22027	-143.772	1.014	22151	-139.708	1.167
21976	-145.470	0.929	22028	-143.738	1.022	22152	-139.678	1.167
21977	-145.435	0.937	22029	-143.705	1.022	22153	-139.645	1.167
21978	-145.401	0.937	22030	-143.667	1.022	22154	-139.611	1.175
21979	-145.366	0.945	22031	-143.632	1.022	22155	-139.582	1.175
21980	-145.331	0.945	22032	-143.599	1.029	22156	-139.549	1.175
21981	-145.297	0.952	22033	-143.567	1.029	22157	-139.513	1.183
21982	-145.262	0.952	22034	-143.533	1.029	22158	-139.483	1.183
21983	-145.230	0.960	22035	-143.499	1.029	22159	-139.452	1.183
21984	-145.195	0.960	22036	-143.464	1.029	22160	-139.422	1.183
21985	-145.158	0.968	22037	-143.433	1.037	22161	-139.392	1.190
21986	-145.123	0.968	22038	-143.396	1.037	22162	-139.362	1.190
21987	-145.092	0.975	22039	-143.365	1.037	22163	-139.329	1.190
21988	-145.057	0.975	22040	-143.334	1.037	22164	-139.299	1.198
21989	-145.025	0.975	22041	-143.299	1.037	22165	-139.267	1.198
21990	-144.993	0.983	22042	-143.268	1.037	22166	-139.236	1.198
21991	-144.961	0.983	22043	-143.237	1.045	22167	-139.207	1.198
21992	-144.927	0.991	22044	-143.205	1.045	22168	-139.176	1.206
21993	-144.895	0.991	22045	-143.171	1.045	22169	-139.147	1.206
21994	-144.860	0.998	22046	-143.140	1.052	22170	-139.114	1.206
21998	-144.734	0.937	22047	-143.106	1.052	22171	-139.084	1.214
21999	-144.699	0.937	22048	-143.074	1.052	22172	-139.051	1.214
22000	-144.667	0.937	22049	-143.043	1.052	22173	-139.017	1.214
22001	-144.633	0.937	22050	-143.012	1.060	22174	-138.988	1.214
22002	-144.601	0.937	22051	-142.977	1.060	22175	-138.954	1.221
22003	-144.570	0.929	22052	-142.947	1.060	22176	-138.925	1.214
22004	-144.538	0.929	22053	-142.913	1.068	22177	-138.895	1.214
22005	-144.509	0.929	22054	-142.882	1.068	22178	-138.862	1.221
22006	-144.478	0.929	22127	-140.488	1.114	22179	-138.830	1.221
22007	-144.443	0.929	22128	-140.455	1.114	22180	-138.800	1.229
22008	-144.411	0.929	22129	-140.424	1.121	22181	-138.770	1.229
22009	-144.377	0.945	22130	-140.394	1.121	22182	-138.737	1.229
22010	-144.345	0.945	22131	-140.361	1.121	22183	-138.710	1.237
22011	-144.310	0.952	22132	-140.327	1.129	22184	-138.680	1.237
22012	-144.280	0.952	22133	-140.294	1.129	22185	-138.647	1.237
22013	-144.247	0.960	22134	-140.261	1.129	22186	-138.621	1.244

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20272	-181.144	0.111	20323	-178.805	0.332
20273	-181.098	0.111	20324	-178.762	0.341
20274	-181.052	0.111	20325	-178.715	0.341
20275	-181.005	0.120	20326	-178.668	0.341
20276	-180.963	0.120	20327	-178.624	0.341
20277	-180.916	0.120	20328	-178.578	0.341
20278	-180.867	0.120	20329	-178.533	0.341
20279	-180.825	0.120	20330	-178.486	0.341
20280	-180.777	0.129	20331	-178.442	0.341
20281	-180.731	0.129	20332	-178.396	0.341
20282	-180.686	0.138	20333	-178.350	0.341
20283	-180.639	0.147	20334	-178.306	0.341
20284	-180.594	0.147	20335	-178.260	0.341
20285	-180.547	0.147	20336	-178.214	0.341
20286	-180.504	0.157	20337	-178.168	0.341
20287	-180.456	0.157	20340	-178.032	0.332
20288	-180.412	0.157	20341	-177.986	0.313
20289	-180.366	0.166	20345	-177.803	0.332
20290	-180.320	0.166	20346	-177.756	0.332
20291	-180.275	0.175	20347	-177.714	0.332
20292	-180.227	0.175	20348	-177.668	0.332
20293	-180.181	0.175	20349	-177.622	0.332
20294	-180.138	0.184	20350	-177.575	0.332
20295	-180.092	0.184	20351	-177.529	0.332
20296	-180.045	0.184	20352	-177.483	0.332
20297	-180.002	0.194	20353	-177.439	0.332
20298	-179.954	0.194	20354	-177.391	0.332
20299	-179.908	0.203	20355	-177.348	0.332
20300	-179.861	0.203	20356	-177.301	0.323
20301	-179.818	0.203	20357	-177.257	0.323
20302	-179.772	0.212	20358	-177.210	0.323
20303	-179.725	0.212	20359	-177.165	0.323
20304	-179.679	0.221	20360	-177.119	0.323
20305	-179.634	0.221	20361	-177.072	0.323
20306	-179.585	0.230	20362	-177.026	0.323
20307	-179.539	0.240	20363	-176.979	0.323
20308	-179.493	0.240	20364	-176.938	0.323
20309	-179.448	0.249	20365	-176.889	0.323
20310	-179.402	0.249	20366	-176.841	0.323
20311	-179.355	0.258	20367	-176.795	0.323
20312	-179.309	0.258	20368	-176.748	0.323
20313	-179.264	0.267	20369	-176.705	0.323
20316	-179.126	0.286	20370	-176.659	0.323
20317	-179.078	0.295	20371	-176.613	0.323
20318	-179.031	0.295	20372	-176.568	0.313
20319	-178.987	0.304	20373	-176.521	0.313
20320	-178.941	0.313	20374	-176.476	0.313
20321	-178.895	0.313	20375	-176.429	0.313
20322	-178.852	0.323	20376	-176.385	0.313

Kayakislpiks.xcl

30125	110.361	2.3871	30174	107.942	2.46083
30126	110.312	2.3871	30175	107.894	2.46083
30127	110.263	2.3871	30176	107.844	2.47005
30128	110.214	2.39631	30177	107.793	2.47005
30129	110.163	2.39631	30178	107.745	2.47005
30130	110.113	2.39631	30179	107.695	2.47926
30131	110.066	2.39631	30180	107.545	2.47926
30132	110.015	2.40553	30181	107.496	2.47926
30133	109.966	2.40553	30182	107.447	2.47926
30134	109.917	2.40553	30183	107.396	2.47926
30135	109.868	2.41475	30184	107.349	2.48848
30136	109.818	2.41475	30185	107.298	2.48848
30137	109.769	2.41475	30186	107.251	2.48848
30138	109.722	2.41475	30187	107.200	2.48848
30139	109.673	2.41475	30188	107.152	2.4977
30140	109.623	2.42396	30189	107.102	2.4977
30141	109.575	2.42396	30190	107.054	2.4977
30142	109.526	2.42396	30191	107.004	2.4977
30143	109.475	2.43318	30192	106.958	2.50691
30144	109.427	2.43318	30193	106.908	2.50691
30145	109.377	2.43318	30194	106.858	2.50691
30146	109.328	2.43318	30195	106.808	2.50691
30147	109.278	2.43318	30196	106.760	2.51613
30148	109.230	2.4424	30197	106.711	2.51613
30149	109.179	2.4424	30198	106.661	2.51613
30150	109.130	2.4424	30199	106.611	2.51613
30151	109.080	2.4424	30200	106.563	2.51613
30152	109.033	2.4424	30201	106.513	2.52535
30153	108.982	2.45161	30202	106.465	2.52535
30154	108.934	2.45161	30203	106.414	2.52535
30155	108.882	2.45161	30204	106.364	2.53456
30156	108.832	2.45161	30205	106.315	2.53456
30157	108.783	2.45161	30206	106.264	2.53456
30158	108.733	2.46083	30212	105.966	2.553
30159	108.685	2.46083	30213	105.917	2.553
30160	108.636	2.46083	30214	105.867	2.553
30161	108.586	2.46083	30215	105.819	2.56221
30162	108.536	2.46083	30216	105.767	2.56221
30163	108.487	2.47005	30217	105.719	2.56221
30164	108.438	2.47005	30218	105.669	2.56221
30165	108.388	2.47005	30219	105.622	2.56221
30166	108.339	2.45161	30220	105.571	2.57143
30167	108.290	2.45161	30221	105.524	2.57143
30168	108.241	2.45161	30222	105.475	2.57143
30169	108.192	2.45161	30223	105.425	2.57143
30170	108.142	2.45161	30224	105.376	2.57143
30171	108.093	2.45161	30225	105.326	2.57143
30172	108.043	2.46083	30226	105.278	2.58065
30173	107.994	2.46083	30227	105.228	2.58065

middletonislpiks.xcl

30007	90.247	3.475	30352	81.891	3.327
30008	90.216	3.475	30354	81.851	3.327
30009	90.185	3.465	30355	81.835	3.327
30010	90.158	3.465	30356	81.815	3.327
30011	90.123	3.465	30357	81.794	3.336
30012	90.092	3.465	30358	81.778	3.336
30013	90.064	3.456	30359	81.759	3.336
30014	90.034	3.456	30360	81.736	3.336
30015	90.006	3.456	30361	81.715	3.336
30016	89.976	3.447	30362	81.696	3.336
30017	89.948	3.447	30363	81.676	3.336
30018	89.916	3.447	30364	81.657	3.336
30021	89.837	3.429	30365	81.634	3.346
30022	89.808	3.429	30366	81.615	3.346
30023	89.780	3.429	30367	81.595	3.346
30024	89.756	3.429	30368	81.571	3.346
30025	89.731	3.429	30369	81.552	3.346
30026	89.707	3.429	30370	81.533	3.346
30027	89.681	3.429	30371	81.510	3.346
30028	89.653	3.429	30372	81.491	3.355
30029	89.632	3.429	30373	81.472	3.355
30030	89.608	3.429	30374	81.449	3.355
30031	89.583	3.429	30375	81.432	3.355
30032	89.558	3.429	30376	81.414	3.364
30033	89.534	3.438	30377	81.398	3.364
30034	89.509	3.447	30378	81.378	3.373
30035	89.485	3.456	30379	81.362	3.373
30036	89.461	3.465	30380	81.342	3.373
30037	89.436	3.447	30381	81.326	3.382
30038	89.412	3.456	30382	81.308	3.382
30039	89.384	3.465	30383	81.289	3.392
30040	89.360	3.475	30384	81.272	3.401
30042	89.308	3.465	30385	81.254	3.401
30043	89.281	3.465	30386	81.231	3.401
30335	82.253	3.327	30387	81.212	3.410
30336	82.230	3.327	30388	81.194	3.410
30337	82.206	3.327	30389	81.171	3.419
30338	82.182	3.327	30390	81.152	3.419
30339	82.159	3.336	30393	81.092	3.410
30340	82.139	3.336	30394	81.072	3.410
30341	82.115	3.336	30395	81.057	3.419
30342	82.092	3.336	30396	81.042	3.419
30345	82.029	3.327	30397	81.023	3.419
30346	82.008	3.327	30398	81.004	3.419
30347	81.988	3.327	30399	80.989	3.429
30348	81.968	3.327	30400	80.971	3.429
30349	81.948	3.327	30432	80.421	3.438
30350	81.929	3.327	30433	80.403	3.438
30351	81.911	3.327	30434	80.385	3.447

montagueislpiks.xcl

10005	-55.48174	2.01604	30013	-40.089	1.59447
10030	-54.82835	2.07634	30014	-40.137	1.59447
10040	-54.55034	2.09817	30015	-40.185	1.59447
10060	-54.0220	2.09035	30016	-40.233	1.59447
10076	-53.58504	2.06521	30017	-40.282	1.59447
10097	-53.03987	2.04065	30018	-40.330	1.59447
10117	-52.49474	2.01542	30019	-40.380	1.59447
10138	-51.92358	2.01826	30020	-40.429	1.60369
10158	-51.41151	2.03520	30021	-40.478	1.60369
10176	-50.91853	2.03744	30022	-40.527	1.60369
10197	-50.35431	2.02691	30023	-40.577	1.60369
10215	-49.88551	2.02717	30024	-40.628	1.60369
10231	-49.45442	2.00404	30025	-40.676	1.60369
10259	-48.69181	1.99467	30026	-40.725	1.60369
10279	-48.16815	2.00559	30027	-40.775	1.59447
10293	-47.78915	2.01060	30028	-40.827	1.59447
10308	-47.39155	2.02363	30029	-40.875	1.59447
10324	-46.95203	2.03462	30030	-40.925	1.59447
10342	-46.48871	2.04223	30031	-40.975	1.60369
10363	-45.92522	2.02167	30032	-41.026	1.60369
10385	-45.31923	2.00709	30033	-41.073	1.60369
10412	-44.61709	1.99242	30034	-41.123	1.60369
10426	-44.22799	1.97067	30035	-41.173	1.60369
10447	-43.67437	1.98022	30036	-41.223	1.6129
10466	-43.15142	1.98110	30037	-41.273	1.6129
10481	-42.76202	1.96336	30038	-41.320	1.6129
10504	-42.15451	1.97018	30039	-41.372	1.6129
10518	-41.78291	1.95581	30040	-41.421	1.6129
10533	-41.36729	1.96882	30041	-41.469	1.6129
10553	-40.83352	1.95297	30042	-41.519	1.62212
10576	-40.22081	1.94841	30043	-41.568	1.62212
10602	-39.52129	1.98124	30044	-41.617	1.62212
10626	-38.87086	2.00007	30045	-41.668	1.6129
10649	-38.26755	2.03232	30046	-41.715	1.6129
10673	-37.61597	2.06719	30047	-41.763	1.62212
10694	-37.05497	2.09613	30048	-41.812	1.62212
10715	-36.50628	2.12107	30049	-41.860	1.62212
30001	-39.504	1.6129	30050	-41.909	1.63134
30002	-39.554	1.6129	30051	-41.959	1.63134
30003	-39.603	1.60369	30052	-42.006	1.64055
30004	-39.652	1.60369	30053	-42.054	1.64055
30005	-39.701	1.59447	30054	-42.102	1.64055
30006	-39.749	1.6129	30055	-42.152	1.6129
30007	-39.798	1.6129	30056	-42.201	1.6129
30008	-39.846	1.6129	30057	-42.251	1.62212
30009	-39.896	1.6129	30058	-42.300	1.62212
30010	-39.942	1.6129	30059	-42.348	1.63134
30011	-39.991	1.6129	30060	-42.396	1.64055
30012	-40.040	1.60369	30061	-42.447	1.64055

nakedislpiks.xcl

10001	-21.9534	1.6856	10663	26.7827	1.6414
10015	-21.7124	1.7049	10676	27.2925	1.6954
10028	-21.4812	1.7302	10690	27.6766	1.7047
10042	-21.1108	1.7257	10703	28.0419	1.7065
10055	-20.8698	1.7068	10716	28.4320	1.7158
10069	-20.5054	1.6929	30004	-69.670	1.7281
10082	-20.4056	1.6588	30005	-69.720	1.7204
10096	-20.1426	1.6528	30006	-69.769	1.7128
10109	-19.8632	1.6302	30007	-69.819	1.7128
10123	-19.4660	1.6025	30008	-69.869	1.7051
10136	-19.0504	1.5742	30009	-69.920	1.7051
10150	-18.8094	1.5553	30010	-69.967	1.6974
10163	-18.4310	1.5382	30011	-70.019	1.6974
10177	-18.2306	1.5264	30012	-70.070	1.7051
10190	-18.0210	1.4998	30013	-70.120	1.7051
10204	-17.6731	1.5119	30014	-70.169	1.6974
10217	17.6127	1.5041	30015	-70.219	1.6974
10231	17.9544	1.4701	30016	-70.269	1.6974
10244	18.0559	1.4623	30017	-70.318	1.6974
10258	18.4138	1.4747	30018	-70.368	1.6974
10271	18.5374	1.4785	30019	-70.419	1.6897
10285	18.6407	1.4505	30020	-70.468	1.6897
10298	18.8653	1.4470	30021	-70.517	1.6897
10312	19.1786	1.4457	30022	-70.567	1.6897
10325	19.4239	1.4384	30023	-70.617	1.6897
10339	19.6092	1.4574	30024	-70.668	1.6820
10352	19.7866	1.4790	30025	-70.716	1.6820
10366	19.9101	1.4566	30026	-70.764	1.6820
10379	20.0971	1.4468	30027	-70.814	1.6744
10393	20.2699	1.4577	30028	-70.866	1.6744
10406	20.5644	1.4575	30029	-70.914	1.6820
10420	20.8527	1.4311	30030	-70.962	1.6820
10433	21.1267	1.4522	30031	-71.012	1.6744
10447	21.2701	1.4709	30032	-71.062	1.6744
10460	21.6247	1.4619	30033	-71.110	1.6744
10474	21.8445	1.5006	30034	-71.159	1.6744
10487	22.0518	1.5225	30035	-71.208	1.6744
10501	22.3285	1.5484	30036	-71.258	1.6744
10514	22.6698	1.5325	30037	-71.308	1.6744
10528	22.9713	1.5398	30038	-71.354	1.6744
10541	23.4647	1.5473	30041	-71.504	1.6744
10555	23.6661	1.5692	30042	-71.554	1.6744
10568	24.0066	1.5895	30043	-71.604	1.6820
10582	24.6365	1.5909	30044	-71.654	1.6820
10595	24.8378	1.6040	30045	-71.705	1.6820
10609	24.9884	1.5945	30046	-71.754	1.6897
10622	25.6236	1.6496	30047	-71.803	1.6897
10636	25.8776	1.6209	30048	-71.854	1.6974
10649	26.1796	1.6537	30049	-71.903	1.6974

perryislpiks.xcl

10006	22.125	1.575	30016	-97.295	1.954
10017	22.587	1.712	30017	-97.344	1.954
10033	23.284	1.811	30018	-97.395	1.963
10055	24.232	1.788	30019	-97.446	1.963
10078	25.185	1.759	30020	-97.495	1.972
10093	25.821	1.818	30021	-97.544	1.972
10108	26.494	1.840	30022	-97.594	1.982
10125	27.214	1.784	30023	-97.645	1.982
10138	27.748	1.807	30024	-97.696	1.991
10148	28.176	1.807	30025	-97.744	1.972
10162	28.772	1.770	30026	-97.793	1.972
10178	29.485	1.746	30027	-97.843	1.972
10193	30.115	1.765	30028	-97.896	1.982
10216	31.116	1.768	30029	-97.943	1.982
10231	31.746	1.790	30030	-97.992	1.982
10254	32.715	1.785	30031	-98.042	1.982
10266	33.252	1.752	30032	-98.093	1.991
10275	33.631	1.709	30033	-98.141	1.991
10290	34.252	1.710	30034	-98.190	1.991
10304	34.885	1.754	30035	-98.240	1.991
10315	35.340	1.659	30036	-98.291	1.991
10334	36.138	1.713	30037	-98.340	1.991
10363	37.397	1.671	30038	-98.387	1.991
10386	38.397	1.668	30039	-98.440	1.991
10401	39.009	1.693	30040	-98.489	1.991
10417	39.700	1.642	30041	-98.538	1.982
10446	40.933	1.705	30042	-98.588	1.982
10470	41.963	1.624	30043	-98.639	1.982
10485	42.630	1.655	30044	-98.688	1.982
10504	43.422	1.708	30045	-98.740	1.982
10528	44.466	1.677	30046	-98.789	1.982
10564	46.013	1.707	30047	-98.838	1.926
10583	46.807	1.701	30048	-98.889	1.935
10611	48.020	1.747	30049	-98.938	1.945
10632	48.896	1.766	30050	-98.989	1.963
10654	49.850	1.776	30051	-99.041	1.972
10671	50.563	1.825	30052	-99.089	1.972
10704	51.993	1.802	30053	-99.139	1.982
10714	52.409	1.800	30054	-99.189	1.991
30004	-96.695	1.954	30055	-99.240	2.000
30005	-96.745	1.954	30056	-99.289	2.009
30006	-96.794	1.963	30057	-99.340	2.018
30007	-96.844	1.963	30064	-99.686	2.018
30008	-96.894	1.972	30065	-99.736	2.018
30009	-96.946	1.972	30066	-99.785	2.018
30010	-96.993	1.963	30067	-99.835	2.028
30011	-97.045	1.963	30068	-99.885	2.028
30012	-97.096	1.954	30069	-99.933	2.028
30013	-97.146	1.954	30070	-99.983	2.028

ShoupBaypiks.xcl

10004	-63.225071	0.76896244	30038	-100.980	1.29032
10059	-62.686771	0.82078946	30039	-101.011	1.29032
10113	-62.20277	0.88689715	30040	-101.037	1.29032
10168	-61.314541	0.87166721	30041	-101.064	1.28111
10222	-60.540379	0.90374434	30042	-101.093	1.28111
10277	-59.683952	0.9167394	30043	-101.122	1.28111
10331	-58.847305	0.92380255	30044	-101.151	1.29032
10386	-58.01429	0.90279353	30045	-101.182	1.29032
10440	-57.722073	0.85738671	30046	-101.213	1.29032
10495	-57.025166	0.80152804	30047	-101.243	1.29032
10549	-56.433693	0.78357542	30048	-101.276	1.29954
10604	-55.992413	0.82846832	30049	-101.307	1.29954
10658	-55.72905	0.90690249	30050	-101.340	1.29954
10713	-55.437069	0.94776458	30051	-101.373	1.30876
30003	-99.985	1.39171	30052	-101.402	1.30876
30004	-100.017	1.39171	30053	-101.434	1.30876
30005	-100.045	1.39171	30054	-101.467	1.30876
30006	-100.075	1.38249	30055	-101.499	1.31797
30007	-100.103	1.38249	30056	-101.528	1.31797
30008	-100.135	1.38249	30057	-101.558	1.31797
30009	-100.167	1.36406	30058	-101.588	1.32719
30010	-100.196	1.36406	30059	-101.615	1.32719
30011	-100.230	1.35484	30060	-101.641	1.32719
30012	-100.263	1.35484	30061	-101.668	1.32719
30013	-100.291	1.35484	30062	-101.694	1.33641
30014	-100.323	1.35484	30063	-101.722	1.33641
30015	-100.352	1.34562	30064	-101.746	1.33641
30016	-100.383	1.34562	30065	-101.770	1.33641
30017	-100.412	1.34562	30066	-101.794	1.35484
30018	-100.445	1.33641	30067	-101.818	1.36406
30019	-100.474	1.33641	30068	-101.842	1.36406
30020	-100.503	1.33641	30069	-101.866	1.36406
30021	-100.528	1.33641	30070	-101.893	1.36406
30022	-100.558	1.33641	30071	-101.921	1.37327
30023	-100.587	1.32719	30072	-101.947	1.37327
30024	-100.613	1.32719	30073	-101.971	1.37327
30025	-100.640	1.32719	30074	-102.001	1.37327
30026	-100.665	1.31797	30075	-102.031	1.38249
30027	-100.692	1.31797	30076	-102.060	1.38249
30028	-100.721	1.31797	30077	-102.091	1.39171
30029	-100.745	1.31797	30078	-102.121	1.39171
30030	-100.771	1.30876	30079	-102.154	1.39171
30031	-100.796	1.30876	30080	-102.186	1.39171
30032	-100.823	1.30876	30081	-102.216	1.40092
30033	-100.849	1.30876	30082	-102.249	1.40092
30034	-100.876	1.29954	30083	-102.282	1.40092
30035	-100.902	1.29954	30084	-102.312	1.41014
30036	-100.928	1.29954	30085	-102.342	1.41014
30037	-100.955	1.29954	30086	-102.374	1.41014

signalmtnpiks.xcl

10010	-77.436	2.5546336	30507	38.2'	1.5461
10037	-76.345	2.6274271	30537	39.7'	1.5712
10062	-75.335	2.6490955	30556	40.7'	1.6233
10098	-73.870	2.5849423	30687	47.2'	1.9156
10145	-71.973	2.6013472	30714	48.5'	1.9131
10205	-69.533	2.5629976	30748	50.2'	1.9116
10231	-68.47	2.5811312	30780	51.8'	1.9012
10252	-67.60	2.5532517	30816	53.6'	1.9124
10277	-66.590	2.5575302	30846	55.1'	1.9843
10302	-65.592	2.5612082	30870	56.3'	2.0525
10340	-64.016	2.5053322	30889	57.2'	2.1413
10362	-63.156	2.4868131	30918	58.'	2.350
10381	-62.367	2.5159686	30925	59.0'	2.5588
10408	-61.26	2.5139129	30943	59.9'	2.6664
10433	-60.255	2.485503	30994	62.4'	2.7522
10470	-58.775	2.4927549	31024	63.9'	2.786
10503	-57.437	2.5245724	31050	65.'	2.7928
10530	-56.314	2.5050843	31087	67.1'	2.8341
10577	-54.399	2.5194204	31123	68.8'	2.8861
10616	-52.840	2.5497565	31155	70.4'	2.9707
10663	-50.914	2.5800815	31188	72.0'	2.931
10705	-49.235	2.6099756	31214	73.3'	2.8944
10715	-48.160	2.6494358	31232	74.2'	2.8716
30001	13.1	0.8767	31254	75.3'	2.8857
30022	14.2	0.8681	31280	76.6'	2.8772
30039	15.0	0.8993	31317	78.4'	2.8062
30060	16.0	0.9334	31340	79.1	2.7001
30079	17.0	0.9916	31360	80.6'	2.6032
30094	17.8	1.0929	31387	81.9'	2.5432
30112	18.7	1.1316	31413	83.2'	2.5521
30126	19.4	1.1461	31449	85.1	2.5566
30142	20.'	1.1914	31568	90.9'	2.6694
30157	20.!	1.2373	31605	92.7'	2.6559
30180	22.0'	1.2541	31633	94.1'	2.6408
30189	22.4'	1.3025	31662	95.6'	2.6679
30205	23.3'	1.2924	31686	96.8'	2.6726
30211	23.5'	1.3774	31711	98.0'	2.6694
30223	24.2'	1.3631	31741	99.5	2.6838
30242	25.'	1.325	31776	101.2'	2.6856
30255	25.'	1.2953	31799	102.4'	2.7271
30276	26.8'	1.3421	31818	103.3'	2.711
30293	27.6'	1.3641	31932	109.1	2.350
30314	28.7'	1.3788	31952	110.1	2.300
30334	29.7'	1.3755	31972	111.1	2.280
30380	32.0'	1.3783	31992	112.1	2.250
30408	33.3'	1.4527	32013	113.1	2.250
30429	34.4'	1.5376	32030	113.8'	2.1487
30452	35.5'	1.5771	32042	114.4'	2.0735
30471	36.5'	1.569	32061	115.4'	2.000

smithislpiks.xcl

10001	-34.186	1.673	20629	-219.549	-1.034
10042	-33.615	1.718	20630	-219.510	-1.041
10083	-33.097	1.714	20631	-219.467	-1.041
10124	-32.587	1.695	20632	-219.426	-1.041
10165	-31.934	1.662	20633	-219.386	-1.034
10206	-31.227	1.638	20634	-219.343	-1.034
10247	-30.378	1.632	20635	-219.307	-1.034
10288	-29.742	1.605	20636	-219.270	-1.034
10329	-28.817	1.588	20637	-219.231	-1.026
10370	-28.032	1.599	20638	-219.191	-1.026
10411	-27.099	1.595	20639	-219.151	-1.026
10452	-26.404	1.562	20640	-219.114	-1.018
10493	-25.615	1.514	20641	-219.075	-1.018
10534	-25.155	1.484	20642	-219.034	-1.018
20594	-220.912	-1.080	20643	-219.001	-1.018
20595	-220.871	-1.072	20644	-218.960	-1.011
20596	-220.831	-1.065	20645	-218.925	-1.011
20597	-220.794	-1.072	20646	-218.885	-1.018
20598	-220.757	-1.065	20647	-218.845	-1.011
20599	-220.719	-1.065	20648	-218.806	-1.011
20600	-220.682	-1.065	20649	-218.766	-1.011
20601	-220.645	-1.057	20650	-218.726	-1.003
20602	-220.605	-1.065	20651	-218.690	-1.003
20603	-220.569	-1.065	20652	-218.651	-0.995
20604	-220.529	-1.057	20653	-218.613	-0.995
20605	-220.491	-1.057	20654	-218.574	-0.995
20606	-220.456	-1.057	20655	-218.532	-0.988
20607	-220.420	-1.057	20656	-218.493	-0.988
20608	-220.380	-1.057	20657	-218.450	-0.980
20609	-220.343	-1.049	20658	-218.411	-0.980
20610	-220.303	-1.049	20659	-218.370	-0.980
20611	-220.263	-1.049	20660	-218.333	-0.972
20612	-220.224	-1.049	20661	-218.293	-0.972
20613	-220.187	-1.049	20662	-218.253	-0.965
20614	-220.148	-1.041	20663	-218.213	-0.965
20615	-220.105	-1.041	20664	-218.175	-0.957
20616	-220.068	-1.041	20665	-218.133	-0.957
20617	-220.027	-1.049	20666	-218.093	-0.957
20618	-219.987	-1.049	20667	-218.054	-0.949
20619	-219.944	-1.049	20668	-218.015	-0.949
20620	-219.905	-1.049	20669	-217.973	-0.957
20621	-219.865	-1.041	20670	-217.936	-0.957
20622	-219.826	-1.041	20671	-217.896	-0.949
20623	-219.786	-1.041	20672	-217.857	-0.949
20624	-219.744	-1.041	20673	-217.820	-0.949
20625	-219.704	-1.041	20674	-217.781	-0.942
20626	-219.666	-1.041	20675	-217.741	-0.942
20627	-219.625	-1.041	20676	-217.701	-0.942
20628	-219.585	-1.034	20677	-217.662	-0.934

stuartcreekpiks.xcl

10097	-128.8410	-0.6932	30483	-129.365	1.3687	30532	-129.851	1.3963
10133	-127.7639	-0.6574	30484	-129.375	1.3687	30533	-129.862	1.3963
10155	-127.0786	-0.6391	30485	-129.389	1.3687	30534	-129.875	1.4055
10198	-125.8037	-0.6498	30486	-129.400	1.3687	30535	-129.887	1.4055
10243	-124.4510	-0.6607	30487	-129.412	1.3687	30536	-129.900	1.4055
10281	-123.3129	-0.6632	30488	-129.418	1.3687	30537	-129.912	1.4055
10327	-121.9322	-0.6426	30489	-129.424	1.3687	30540	-129.943	1.4055
10364	-120.8432	-0.6076	30490	-129.431	1.3687	30541	-129.955	1.4055
10403	-119.6775	-0.5345	30491	-129.437	1.3687	30542	-129.965	1.4148
10427	-118.9633	-0.4781	30492	-129.447	1.3687	30543	-129.973	1.4148
10495	-116.9043	-0.4948	30493	-129.450	1.3595	30544	-129.981	1.4148
10521	-116.1479	-0.3890	30494	-129.457	1.3595	30545	-129.991	1.4148
10547	-115.3640	-0.3033	30495	-129.460	1.3595	30546	-129.998	1.4240
10567	-114.7597	-0.3096	30496	-129.467	1.3595	30547	-130.006	1.4240
10604	-113.6437	-0.2973	30497	-129.473	1.3595	30548	-130.013	1.4240
10626	-113.0010	-0.2382	30498	-129.480	1.3595	30549	-130.021	1.4240
10655	-112.1357	-0.2188	30499	-129.493	1.3595	30550	-130.028	1.4332
10675	-111.5163	-0.1536	30500	-129.500	1.3595	30551	-130.039	1.4332
10701	-110.7380	-0.1588	30501	-129.509	1.3595	30552	-130.050	1.4332
10714	-110.3617	-0.0738	30502	-129.523	1.3595	30553	-130.062	1.4424
30451	-129.077	1.3871	30503	-129.536	1.3595	30554	-130.076	1.4424
30452	-129.086	1.3779	30504	-129.549	1.3595	30555	-130.090	1.4424
30453	-129.096	1.3687	30505	-129.561	1.3595	30556	-130.105	1.4424
30457	-129.133	1.3871	30506	-129.574	1.3687	30557	-130.122	1.4516
30458	-129.146	1.3871	30507	-129.587	1.3687	30558	-130.140	1.4516
30459	-129.158	1.3871	30508	-129.594	1.3687	30559	-130.158	1.4516
30460	-129.171	1.3871	30509	-129.605	1.3687	30560	-130.169	1.4608
30461	-129.183	1.3871	30510	-129.615	1.3687	30561	-130.187	1.4608
30462	-129.193	1.3871	30511	-129.625	1.3779	30562	-130.198	1.4608
30463	-129.203	1.3871	30512	-129.635	1.3779	30563	-130.210	1.4516
30464	-129.212	1.3871	30513	-129.646	1.3779	30564	-130.221	1.4516
30465	-129.221	1.3779	30514	-129.655	1.3779	30565	-130.228	1.4608
30466	-129.232	1.3779	30515	-129.667	1.3687	30566	-130.233	1.4608
30467	-129.241	1.3779	30516	-129.677	1.3687	30567	-130.234	1.4701
30468	-129.246	1.3779	30517	-129.687	1.3687	30568	-130.235	1.4701
30469	-129.252	1.3779	30518	-129.701	1.3779	30569	-130.238	1.4701
30470	-129.258	1.3779	30519	-129.711	1.3779	30570	-130.239	1.4793
30471	-129.265	1.3779	30520	-129.725	1.3779	30571	-130.241	1.4793
30472	-129.270	1.3779	30521	-129.735	1.3779	30572	-130.242	1.4793
30473	-129.276	1.3779	30522	-129.746	1.3779	30573	-130.247	1.4885
30474	-129.283	1.3779	30523	-129.760	1.3779	30574	-130.254	1.4885
30475	-129.292	1.3779	30524	-129.770	1.3871	30590	-130.519	1.4424
30476	-129.299	1.3779	30525	-129.780	1.3871	30591	-130.526	1.4424
30477	-129.305	1.3779	30526	-129.787	1.3871	30592	-130.535	1.4516
30478	-129.314	1.3779	30527	-129.798	1.3871	30593	-130.539	1.4516
30479	-129.327	1.3687	30528	-129.809	1.3871	30594	-130.548	1.4516
30480	-129.338	1.3687	30529	-129.819	1.3963	30595	-130.559	1.4516
30481	-129.347	1.3687	30530	-129.830	1.3963	30596	-130.565	1.4516
30482	-129.356	1.3687	30531	-129.841	1.3963	30597	-130.572	1.4608

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30008	148.024	1.2212	30057	145.767	1.30415	30106	143.483	1.47005
30009	147.978	1.2212	30058	145.721	1.30415	30107	143.438	1.47926
30010	147.935	1.2212	30059	145.675	1.30415	30108	143.393	1.47926
30011	147.890	1.21198	30060	145.630	1.30415	30109	143.347	1.48848
30012	147.844	1.21198	30061	145.581	1.30415	30110	143.301	1.47926
30013	147.799	1.21198	30062	145.534	1.31336	30111	143.254	1.48848
30014	147.754	1.21198	30063	145.485	1.31336	30112	143.211	1.48848
30015	147.709	1.20276	30064	145.438	1.31336	30113	143.165	1.48848
30016	147.664	1.20276	30065	145.389	1.31336	30114	143.119	1.4977
30017	147.619	1.20276	30066	145.341	1.32258	30115	143.074	1.4977
30018	147.574	1.20276	30067	145.292	1.32258	30116	143.029	1.4977
30019	147.527	1.20276	30068	145.242	1.32258	30117	142.983	1.4977
30020	147.481	1.20276	30069	145.195	1.3318	30118	142.938	1.50691
30021	147.435	1.20276	30070	145.148	1.3318	30119	142.891	1.50691
30022	147.389	1.19355	30071	145.098	1.3318	30120	142.846	1.51613
30023	147.342	1.20276	30072	145.052	1.3318	30121	142.799	1.51613
30024	147.293	1.20276	30073	145.005	1.34101	30122	142.752	1.51613
30025	147.248	1.20276	30074	144.959	1.34101	30123	142.707	1.52535
30026	147.201	1.20276	30075	144.912	1.34101	30124	142.660	1.52535
30027	147.153	1.21198	30076	144.865	1.34101	30125	142.614	1.52535
30028	147.104	1.21198	30077	144.820	1.35023	30126	142.569	1.52535
30029	147.057	1.21198	30078	144.774	1.35023	30127	142.522	1.53456
30030	147.010	1.2212	30079	144.730	1.35023	30131	142.340	1.53456
30031	146.963	1.2212	30080	144.686	1.35945	30132	142.293	1.53456
30032	146.914	1.23042	30081	144.640	1.35945	30133	142.249	1.53456
30033	146.869	1.23042	30082	144.596	1.35945	30134	142.204	1.53456
30034	146.822	1.23042	30083	144.550	1.35945	30135	142.158	1.54378
30035	146.774	1.23963	30084	144.507	1.36866	30136	142.112	1.54378
30036	146.726	1.23963	30085	144.461	1.36866	30137	142.067	1.54378
30037	146.679	1.24885	30086	144.415	1.36866	30138	142.025	1.54378
30038	146.634	1.24885	30087	144.370	1.37788	30139	141.981	1.54378
30039	146.585	1.25806	30088	144.323	1.37788	30140	141.935	1.54378
30040	146.538	1.25806	30089	144.277	1.37788	30141	141.891	1.54378
30041	146.493	1.25806	30090	144.231	1.37788	30142	141.846	1.553
30042	146.446	1.26728	30091	144.186	1.3871	30143	141.800	1.553
30043	146.399	1.26728	30092	144.137	1.3871	30144	141.755	1.553
30044	146.354	1.26728	30093	144.092	1.3871	30145	141.709	1.553
30045	146.307	1.2765	30094	144.043	1.39631	30146	141.664	1.553
30046	146.262	1.2765	30095	143.997	1.39631	30147	141.617	1.553
30047	146.218	1.2765	30096	143.949	1.40553	30148	141.573	1.553
30048	146.173	1.2765	30097	143.904	1.41475	30149	141.526	1.56221
30049	146.128	1.28571	30098	143.855	1.41475	30150	141.481	1.56221
30050	146.083	1.28571	30099	143.809	1.42396	30151	141.434	1.56221
30051	146.037	1.28571	30100	143.762	1.43318	30152	141.390	1.56221
30052	145.994	1.28571	30101	143.715	1.43318	30153	141.343	1.56221
30053	145.949	1.29493	30102	143.668	1.45161	30154	141.298	1.56221
30054	145.905	1.29493	30103	143.623	1.45161	30155	141.249	1.56221
30055	145.859	1.29493	30104	143.576	1.46083	30156	141.202	1.57143
30056	145.814	1.29493	30105	143.530	1.46083	30157	141.157	1.57143

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10003	53.316	1.661	40125	-154.805	0.836	40192	-151.933	1.005
10020	54.104	1.781	40126	-154.763	0.836	40193	-151.891	1.012
10034	54.769	1.804	40127	-154.720	0.843	40194	-151.849	1.012
10055	55.716	1.819	40128	-154.680	0.843	40195	-151.721	1.020
10068	56.343	1.817	40129	-154.637	0.843	40196	-151.674	1.020
10074	56.624	1.766	40130	-154.594	0.851	40197	-151.635	1.035
10092	57.481	1.791	40131	-154.551	0.851	40198	-151.589	1.035
10110	58.306	1.767	40132	-154.508	0.836	40199	-151.546	1.043
10117	58.657	1.787	40135	-154.379	0.843	40200	-151.504	1.043
10159	60.632	1.727	40136	-154.333	0.843	40201	-151.462	1.051
10182	61.698	1.693	40137	-154.294	0.851	40202	-151.419	1.051
10208	62.920	1.641	40138	-154.247	0.851	40203	-151.380	1.058
10238	64.336	1.625	40139	-154.204	0.851	40204	-151.333	1.058
10269	65.805	1.577	40140	-154.162	0.851	40205	-151.294	1.066
10301	67.318	1.562	40141	-154.118	0.859	40206	-151.252	1.058
10323	68.353	1.508	40142	-154.075	0.859	40207	-151.209	1.058
10338	69.058	1.495	40143	-154.032	0.859	40208	-151.166	1.066
10357	69.921	1.518	40144	-153.990	0.866	40209	-151.123	1.066
10376	70.818	1.491	40145	-153.947	0.866	40210	-151.082	1.074
10398	71.855	1.471	40146	-153.905	0.866	40211	-151.041	1.074
10432	73.464	1.457	40147	-153.861	0.866	40212	-150.999	1.074
10456	74.572	1.429	40148	-153.818	0.874	40213	-150.956	1.081
10471	75.279	1.459	40149	-153.776	0.874	40214	-150.914	1.081
10485	75.940	1.400	40150	-153.736	0.874	40215	-150.872	1.081
10510	77.135	1.449	40151	-153.691	0.882	40216	-150.829	1.089
10547	78.866	1.452	40152	-153.650	0.882	40217	-150.786	1.089
10578	80.313	1.460	40153	-153.607	0.874	40218	-150.744	1.097
10613	81.972	1.479	40154	-153.564	0.882	40219	-150.701	1.097
10649	83.637	1.507	40155	-153.522	0.882	40222	-150.576	1.104
10674	84.821	1.555	40163	-153.180	0.874	40223	-150.534	1.112
10698	85.943	1.587	40164	-153.134	0.882	40224	-150.492	1.112
40107	-155.582	0.813	40165	-153.090	0.889	40225	-150.450	1.120
40108	-155.536	0.813	40166	-153.048	0.897	40226	-150.407	1.128
40109	-155.497	0.813	40167	-153.005	0.912	40227	-150.365	1.135
40110	-155.450	0.813	40168	-152.962	0.920	40228	-150.322	1.143
40111	-155.407	0.813	40169	-152.920	0.928	40229	-150.279	1.143
40112	-155.364	0.813	40179	-152.489	0.966	40230	-150.237	1.151
40113	-155.321	0.813	40180	-152.446	0.966	40231	-150.195	1.151
40114	-155.278	0.813	40181	-152.403	0.974	40232	-150.152	1.158
40115	-155.236	0.813	40182	-152.361	0.974	40233	-150.110	1.166
40116	-155.193	0.813	40183	-152.318	0.974	40234	-150.064	1.166
40117	-155.150	0.813	40184	-152.275	0.982	40235	-150.021	1.181
40118	-155.106	0.813	40185	-152.232	0.989	40236	-149.978	1.181
40119	-155.063	0.813	40186	-152.189	0.989	40237	-149.932	1.166
40120	-155.020	0.820	40187	-152.147	0.989	40238	-149.890	1.166
40121	-154.977	0.820	40188	-152.105	0.997	40239	-149.848	1.174
40122	-154.934	0.820	40189	-152.062	0.997	40240	-149.802	1.174
40123	-154.891	0.828	40190	-152.019	0.997	40241	-149.760	1.174
40124	-154.848	0.828	40191	-151.976	1.005	40242	-149.717	1.174

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10007	-66.902657	2.3693233	30032	-29.193	1.43318	30081	-31.531	1.47926
10039	-65.83564	2.3996656	30033	-29.240	1.4424	30082	-31.577	1.47926
10050	-65.468315	2.4318593	30034	-29.288	1.4424	30083	-31.625	1.48848
10079	-64.490593	2.3972898	30035	-29.336	1.4424	30084	-31.670	1.48848
10106	-63.591614	2.3807659	30036	-29.386	1.4424	30085	-31.718	1.48848
10128	-62.848984	2.3381157	30037	-29.434	1.4424	30086	-31.765	1.48848
10151	-62.071396	2.3637106	30038	-29.479	1.4424	30087	-31.813	1.4977
10173	-61.323536	2.3658845	30039	-29.529	1.4424	30088	-31.862	1.4977
10201	-60.369915	2.3299725	30040	-29.577	1.43318	30089	-31.909	1.4977
10238	-59.139362	2.3215499	30041	-29.623	1.43318	30090	-31.956	1.50691
10282	-57.680008	2.3352554	30042	-29.672	1.43318	30091	-32.004	1.50691
10309	-56.757263	2.3388054	30043	-29.720	1.42396	30092	-32.053	1.51613
10342	-55.664894	2.3009174	30044	-29.766	1.41475	30093	-32.101	1.52535
10382	-54.30722	2.2677701	30045	-29.815	1.41475	30094	-32.151	1.53456
10423	-52.937931	2.2587097	30046	-29.861	1.41475	30095	-32.198	1.553
10454	-51.882576	2.2669735	30047	-29.906	1.40553	30096	-32.247	1.56221
10511	-49.989002	2.2827816	30048	-29.953	1.40553	30097	-32.294	1.57143
10570	-47.998997	2.3026268	30049	-29.999	1.40553	30098	-32.345	1.57143
10623	-46.220123	2.3244307	30050	-30.046	1.39631	30099	-32.392	1.57143
10664	-44.851597	2.3581846	30051	-30.093	1.39631	30100	-32.440	1.58065
10712	-43.21772	2.3933363	30052	-30.139	1.3871	30101	-32.489	1.58065
30003	-27.828	1.41475	30053	-30.184	1.37788	30102	-32.538	1.58065
30004	-27.875	1.41475	30054	-30.230	1.37788	30103	-32.585	1.58065
30005	-27.922	1.41475	30055	-30.278	1.36866	30104	-32.633	1.58986
30006	-27.968	1.41475	30056	-30.325	1.36866	30105	-32.682	1.58986
30007	-28.015	1.41475	30057	-30.373	1.36866	30106	-32.730	1.58986
30008	-28.060	1.41475	30058	-30.420	1.42396	30107	-32.777	1.58986
30009	-28.107	1.40553	30059	-30.468	1.43318	30108	-32.824	1.59908
30010	-28.151	1.40553	30060	-30.514	1.45161	30109	-32.873	1.59908
30011	-28.197	1.40553	30061	-30.564	1.46083	30110	-32.920	1.59908
30012	-28.244	1.40553	30062	-30.612	1.47005	30111	-32.969	1.59908
30013	-28.291	1.40553	30063	-30.663	1.47005	30112	-33.014	1.59908
30014	-28.336	1.39631	30064	-30.710	1.46083	30113	-33.062	1.60829
30015	-28.383	1.39631	30065	-30.760	1.46083	30114	-33.110	1.60829
30016	-28.428	1.39631	30066	-30.809	1.46083	30115	-33.157	1.60829
30017	-28.475	1.40553	30067	-30.859	1.47926	30116	-33.205	1.61751
30018	-28.520	1.40553	30068	-30.910	1.47926	30117	-33.252	1.61751
30019	-28.568	1.40553	30069	-30.959	1.47926	30118	-33.300	1.61751
30020	-28.615	1.41475	30070	-31.007	1.47926	30119	-33.348	1.61751
30021	-28.663	1.41475	30071	-31.058	1.47005	30120	-33.395	1.61751
30022	-28.710	1.41475	30072	-31.104	1.47005	30121	-33.444	1.62673
30023	-28.758	1.41475	30073	-31.153	1.47005	30122	-33.493	1.62673
30024	-28.807	1.42396	30074	-31.200	1.47005	30123	-33.540	1.62673
30025	-28.854	1.42396	30075	-31.249	1.47005	30124	-33.590	1.63594
30027	-28.950	1.43318	30076	-31.297	1.47005	30125	-33.636	1.63594
30028	-29.000	1.43318	30077	-31.345	1.47005	30126	-33.684	1.63594
30029	-29.047	1.43318	30078	-31.392	1.47005	30127	-33.732	1.63594
30030	-29.095	1.43318	30079	-31.438	1.46083	30128	-33.779	1.63594
30031	-29.144	1.43318	30080	-31.484	1.46083	30129	-33.828	1.64516

TACT and EDGE bathy.xls

FFID	Model km	Depth, km	twtt, sec
20001	265	4.32	5.80
20107	260	4.46	6.00
20299	250	4.54	6.10
20492	240	4.61	6.20
20684	230	4.54	6.10
20876	220	4.09	5.50
20934	217	2.90	3.90
21069	210	2.60	3.50
21145	206	2.46	3.30
21203	203	1.93	2.60
21242	201	2.23	3.00
21261	200	2.57	3.45
21299	198	2.53	3.40
21357	195	1.97	2.65
21415	192	2.53	3.40
21607	182	2.53	3.40
21626	181	2.16	2.90
21684	178	1.86	2.50
21722	176	2.42	3.25
21838	170	2.34	3.15
21857	169	1.49	2.00
21915	166	1.30	1.75
22030	160	1.41	1.90
22415	140	0.48	0.65
22415	140	1.00	1.35
22492	136	0.26	0.35
22607	130	0.26	0.35
22799	120	0.22	0.30
22992	110	0.22	0.30
23184	100	0.22	0.30
23376	90	0.16	0.21
23569	80	0.15	0.20
23761	70	0.11	0.15
23953	60	0.07	0.10
24145	50	0.11	0.15
24338	40	0.19	0.25
24530	30	0.22	0.30
24722	20	0.22	0.30
24915	10	0.26	0.35
25107	0	0.15	0.20