

**Swath Acquisition and Processing Report**  
**Voyage GA-2476 Western Australian Margins Marine Reconnaissance Survey**  
**25<sup>th</sup> of October to 19<sup>th</sup> January 2009**  
**Leg 1 to 3**

Author: Michele Spinoccia



### **Simrad EM120 Performance**

The Simrad EM120 onboard the R/V Sonne is a 12 kHz Multi-beam System with an angular coverage sector of up to 150° (75° port/starboard side) and 191 beams per ping. The emission beam is 150° wide across track and 2° along track direction. The reception is obtained from 191 beams, with widths of 2° across track and 20° along track. Thus the actual footprint of a single beam has a dimension of 2° X 2°.

The performance of the swath mapper during the survey was very good based on the coverage achieved and quality of the data being acquired during the survey.

The survey consists of 4 areas, the Wallaby Plateau, Zeewyck, the Houtman and the Exmouth sub-basins. During leg1 the vessel transited through Christmas Island and Wallaby plateau then surveyed most of the Zeewyck and part of the Houtman sub-basins.

During leg 2 the RV Sonne surveyed the Houtman and the Exmouth sub-basins, while while the Zeewyck sub-basin was only surveyed while transiting from and to Fremantle.

During leg3 the vessel surveyed the outer boundary of the Zeewyck and Houtman sub-basins and most of the Wallaby Plateaubefore transiting to Port Hedland and then to Christmas Island.

The depth range for the entire survey was from an average of 20 meters while on Fremantle to 6300m along the transit to Christmas Island.

Water depths (WD) for the leg 2 of the survey, was ranging between 595 m and 4917 meters mainly the shallow part lies in the South-East of the Zeewyck Sub-basin, while the deeper part lies in South -Western part of the Exmouth sub-basin.

The seafloor being mapped was predominantly covered by a succession of sandstone (Mungaroo SST and shale (Locker Shale), in the pre-rift (Blue Line) followed by the Limestone, chert and mudstone in the post rift boundary with a low reflectivity.

This is caused by the high content of water in the mud. This was also aggravated by the de-watering the escaping of water through the polygonal faults, caused by the compaction.

The survey was generally laid out to have coverage over some interesting areas from generic seismic lines. Generally the lines were laid out in a North-West South-East for the Zeewyck, the Houtman sub-basins as well as the Wallaby Plateau, and North-East South-West for the Exmouth Sub-basin.

Line spacing designed to give maximum overall coverage. Often some gaps were left between lines to allow for a more general and wide coverage to be obtained providing for a better regional view.

The low reflectivity of the ooze mud meant that the estimated coverage, when preparing for the ascidian and the line spacing was slightly less than anticipated.

Weather conditions during the survey were generally good.

The sea state was moderate to rough, from South South-East to North-West and occasionally from South South-West, North North-East, swell of 0.5 to 4.5m, and winds of 7 to 30 knots from South East and South South-West.

Survey speeds were between 9 and 11 knots. Higher speeds were achieved traveling with swell direction and currents mainly toward the North-West.

Generally noise levels in the data were more noticeable due to the prevailing seas at the time.

Coverage obtained in the survey area was very good with instances where coverage was 5000 m across track, in water depths of ~515 m, or about  $9.7 \times \text{WD}$ . Otherwise the maximum coverage was of around 20800 m at 5260 m water depth in the Perth Sub-basin.

Coverage in the survey varied according to depth.

A table below gives detailed information about the coverage/depth relationship at different areas.

Area	Minimum Coverage	Min H2O Depth	X Coverage	Maximum Coverage	Maximum H2O Depth	X Coverage
Exmouth	8000 m	1300 m	$6.15 \times \text{WD}$	18000 m	4917 m	$3.6 \times \text{WD}$
Houtman	6300 m	988 m	$6.37 \times \text{WD}$	15100 m	4520 m	$3.34 \times \text{WD}$
Zeewyck	5000 m	515 m	$9.7 \times \text{WD}$	20800 m	5263 m	$3.95 \times \text{WD}$

- On the second leg of the survey, 2 system crashes occurred due to the loss of connection between the EM120 and Merlin; we had to restart the main processing unit to re-establish the connection.

## **Sound Velocity**

Sound Velocity (SV) profiles for the transits to and from the survey area were generated using the SVP Builder utility on board, which uses global climatology data to derive a SV Profile for a given set of coordinates. This method has again provided an effective way of generating SVP's to be used during deep-water transits.

During the first leg 4 CTD (Conductivity /Temperature/ Depth), and 2 XBT, were collected around Christmas Island, the Wallaby Plateau, the Houtman and the Zeewyck Sub-basin.

At the second leg two CTD were collected in the North part of the Houtman and Exmouth Sub-basins.

The SVP profiles generated from the Climatology data base were also very satisfactory.

Those sound velocities were then used in the multi beam swath acquisition, to determine the depth of the water bottom.

(Please see Appendix 2)

## **Swath Data Processing**

Due to the exceptionally good quality data being acquired, post processing of the raw data was kept to a minimum, which meant that we were able to keep up with the data volumes.

Swath data was processed through Caris HIPS/SIPS version 6.1 Service Pack 2.

1. First a vessel configuration file was created where the co-ordinates of the motion sensor and DGPS antenna and patch test offsets were recorded.
2. A new project was then created and the vessel configuration file was attached to the project file.
3. The raw swath sonar data, in raw.all format, for each line was then imported into the project and the vessel information assigned to the data.
4. The motion sensor, DGPS and heading data were then cleaned using a filter that averaged adjacent data to remove artifacts.
5. Different sound velocity profiles data for each block were attached to the corresponding raw swath sonar data files to correct the depths for changes in the speed of sound through the water column.
6. Then a new blank field area was defined that specified the geographic area of study and the co-ordinate system used. The co-ordinates for all the study areas were WGS84 UTM-49S.
7. The data was cleaned by applying several filters that removed any remaining spikes in the bathymetry data using user defined threshold values. A visual inspection of the data for each line was then undertaken where artifacts and noisy data not removed by the filtering process were removed manually using Swath and subset editors modules of the Caris HIPS/SIPS software.
8. All the data for each bathymetric, motion sensor, DGPS, heading, tide and sound velocity profile data were merged to produce the final processed data file. A weighted grid of the processed data was then created for each Block.
9. The processed data was finally exported as grid soundings or false colored images for presentation and reporting and as final processed data in GSF (Generic Sensor Format) format that can be read by any non Caris user. The data was also exported as ASCII XYZ file format with header information exported as (Easting, Northing and negative depth) in Universal transverse Mercator UTM projection and WGS84 (World Geodetic System 1984) Datum.

A total of **28126.68** sail Km of swath data was acquired during leg1 to 3, in which only **24,032.75** Km of swath in the areas of interest and the rest was for transit to and from Fremantle and Port Hedland.

- Transits from Christmas to Fremantle and from/to Fremantle were accounted for 4,093.93. Km.
- Zeewyck Sub-basin was accounted for 5,410.74 Km.
- Houtman Sub-basin was accounted for 8,735.97Km.
- Exmouth Sub-basin was accounted for 3,155.56 Km.
- Wallaby Plateau was accounted for 6,730.48 Km.

The acquired swath was presented as a 100 m resolution grid for all the areas

The total data acquired and converted into CARIS for the survey amounts to 59 Gigabytes of multi-beam swath data.

## Appendix 1

### Statistics for Leg 1 to 3

#### Transit from and to Fremantle

Line	Total Depth	Accept Depth	Reject Depth	% Reject Depth	Length	TotalTime
0001_20081025_024739_raw	32,500	31,008	1,492	4.590769231	704.5455	48:22.0
0001_20081025_035959_raw	6,250	5,797	453	7.248	1,660.92	09:10.0
0002_20081025_040923_raw	169,390	162,339	7,051	4.162583387	77,604.19	59:46.0
0003_20081025_080923_raw	108,495	103,917	4,578	4.219549288	50,005.74	20:56.0
0004_20081025_103004_raw	94,247	90,635	3,612	3.832482732	36,311.25	01:01.0
0005_20081025_123050_raw	66,714	61,607	5,107	7.655064904	33,284.08	57:23.0
0006_20081025_142743_raw	81,408	75,978	5,430	6.670106132	41,777.12	20:01.0
0007_20081025_164712_raw	79,989	73,828	6,161	7.702309067	42,880.08	48:38.0
0008_20081025_183539_raw	81,672	73,112	8,560	10.48094818	45,953.78	07:53.0
0009_20081025_204253_raw	48,411	44,251	4,160	8.593088348	36,195.08	40:43.0
0010_20081025_222415_raw	101,516	93,123	8,393	8.26766224	51,606.22	27:48.0
0011_20081026_005201_raw	50,797	45,786	5,011	9.864755793	37,969.27	52:56.0
0012_20081026_024424_raw	71,520	65,635	5,885	8.228467562	49,259.96	27:11.0
0013_20081026_051059_raw	132,407	122,058	10,349	7.816052021	82,412.72	00:37.0
0014_20081026_091100_raw	21,580	18,295	3,285	15.22242817	13,497.49	39:31.0
0015_20081026_094959_raw	19,952	18,466	1,486	7.4478749	13,868.39	41:08.0
0016_20081026_103045_raw	62,816	58,091	4,725	7.521968925	47,542.03	11:11.0
0017_20081026_124125_raw	95,567	91,105	4,462	4.668975692	41,573.55	58:11.0
0018_20081026_143920_raw	49,785	46,486	3,299	6.626493924	39,580.39	51:08.0
0019_20081026_163012_raw	55,741	51,058	4,683	8.401356273	42,107.91	54:03.0
0020_20081026_182423_raw	93,964	88,580	5,384	5.729853987	50,148.05	14:27.0
0021_20081026_203855_raw	59,696	52,904	6,792	11.37764674	40,934.95	53:11.0
0022_20081026_223149_raw	7,189	6,273	916	12.74168869	4,314.02	12:03.0
0024_20081026_224420_raw	79,251	76,460	2,791	3.521722123	40,583.49	52:32.0
0025_20081027_003708_raw	80,874	76,888	3,986	4.92865445	41,832.80	53:17.0
0026_20081027_023001_raw	57,071	52,656	4,415	7.735977992	29,799.50	20:58.0
0027_20081027_035105_raw	1,146	914	232	20.2443281	563.2739	01:33.0
0028_20081027_035304_raw	68,847	66,547	2,300	3.340741064	42,495.65	57:48.0
0029_20081027_055055_raw	19,884	19,395	489	2.45926373	14,916.92	41:18.0
0030_20081027_063155_raw	63,102	57,350	5,752	9.115400463	48,920.47	17:07.0
0031_20081027_084846_raw	153,469	139,516	13,953	9.091738397	91,218.50	00:14.0
0032_20081027_124844_raw	60,601	56,198	4,403	7.265556674	36,529.77	40:51.0
0033_20081027_142905_raw	73,147	66,048	7,099	9.705114359	39,973.13	52:24.0
0034_20081027_162300_raw	51,647	45,666	5,981	11.58053711	35,770.62	42:23.0
0035_20081027_180515_raw	2,796	2,587	209	7.474964235	1,750.39	05:16.0
0036_20081027_181107_raw	524	455	69	13.16793893	387.0467	01:09.0
0037_20081027_181211_raw	81,283	77,427	3,856	4.743919393	36,042.53	48:35.0
0038_20081027_200019_raw	85,080	78,337	6,743	7.925481899	40,599.18	00:46.0
0039_20081027_220053_raw	25,713	23,636	2,077	8.077626104	12,204.24	35:51.0
0040_20081027_223713_raw	72,834	66,192	6,642	9.119367328	34,461.67	43:21.0
0041_20081028_002039_raw	58,814	52,491	6,323	10.75084164	34,886.28	46:07.0
0042_20081028_020621_raw	46,000	42,887	3,113	6.767391304	24,038.94	24:36.0

0043_20081028_033035_raw	21,113	18,924	2,189	10.3680197	9,534.33	29:26.0
0044_20081028_035938_raw	80,514	74,530	5,984	7.432247808	38,973.51	01:16.0
0300_20081119_160103_raw	142,257	128,935	13,322	9.364741278	19,706.84	00:31.0
0301_20081119_170123_raw	355,677	320,476	35,201	9.89690084	19,414.22	00:10.0
0302_20081119_180123_raw	588,843	540,114	48,729	8.275380704	17,258.20	00:09.0
0303_20081119_190123_raw	1,046,923	989,918	57,005	5.445004074	17,334.84	00:20.0
0304_20081119_200123_raw	1,436,658	1,367,963	68,695	4.781583369	18,239.93	00:21.0
0305_20081119_210123_raw	1,614,524	1,514,678	99,846	6.184237583	16,187.03	00:21.0
0306_20081119_220123_raw	1,616,034	1,494,116	121,918	7.544271965	12,450.08	44:55.0
0307_20081122_003255_raw	2,820,469	2,708,734	111,735	3.961575185	17,429.07	00:00.0
0308_20081122_013255_raw	1,337,306	1,287,310	49,996	3.738560958	13,448.57	35:39.0
0309_20081122_020823_raw	1,931,254	1,878,784	52,470	2.716887577	22,097.37	00:20.0
0310_20081122_030823_raw	1,710,489	1,668,859	41,630	2.433806941	21,826.36	00:11.0
0311_20081122_040823_raw	966,801	941,616	25,185	2.604982825	21,089.77	00:19.0
0312_20081122_050823_raw	708,893	698,735	10,158	1.432938398	15,552.20	00:10.0
0799_20081217_190716_raw	1,530,701	1,301,549	229,152	14.97039592	13,949.81	10:49.0
0800_20081217_201755_raw	2,829,606	2,570,707	258,899	9.149648396	18,572.06	44:20.0
0801_20081220_011306_raw	1,621,093	1,524,049	97,044	5.986331444	13,735.33	37:31.0
0802_20081220_015036_raw	898,773	709,997	188,776	21.00374622	12,350.36	35:11.0
0803_20081220_022548_raw	990,727	910,888	79,839	8.058627654	14,991.18	42:04.0
0804_20081220_030744_raw	203,804	194,299	9,505	4.663794626	3,038.74	08:38.0
1171_20090114_060438_raw	814,814	667,136	147,678	18.12413631	18,633.02	00:19.0
1172_20090114_070439_raw	871,450	715,326	156,124	17.91542831	18,994.59	00:20.0
1173_20090114_080439_raw	943,155	813,167	129,988	13.78225212	18,751.56	00:20.0
1174_20090114_090439_raw	1,095,782	1,028,518	67,264	6.138447246	18,602.38	00:19.0
1175_20090114_100439_raw	1,153,954	1,115,876	38,078	3.299784913	18,847.72	00:20.0
1176_20090114_110439_raw	1,136,060	1,086,133	49,927	4.394750277	19,746.28	00:21.0
1177_20090114_120439_raw	1,171,557	1,113,720	57,837	4.93676364	20,356.89	00:20.0
1178_20090114_130439_raw	1,174,641	1,117,097	57,544	4.89885846	20,491.99	00:20.0
1179_20090114_140439_raw	1,194,379	1,138,858	55,521	4.648524463	19,921.11	00:09.0
1180_20090114_150439_raw	1,212,091	1,159,770	52,321	4.316590091	17,943.69	00:10.0
1181_20090114_160439_raw	1,229,895	1,185,503	44,392	3.609413812	17,454.78	00:21.0
1182_20090114_170439_raw	1,260,248	1,216,920	43,328	3.438053462	17,326.24	00:20.0
1183_20090114_180439_raw	1,334,304	1,282,695	51,609	3.867859199	17,334.20	00:21.0
1184_20090114_190440_raw	1,511,640	1,454,879	56,761	3.754928422	16,926.12	00:20.0
1185_20090114_200440_raw	942,563	907,082	35,481	3.764310715	9,918.08	35:06.0
1186_20090114_203927_raw	523,146	428,207	94,939	18.14770638	6,119.03	21:14.0
1187_20090114_210021_raw	911,987	864,152	47,835	5.245140556	8,739.15	30:21.0
1188_20090114_213021_raw	1,061,253	976,235	85,018	8.011096317	8,898.07	30:20.0
1189_20090114_220022_raw	1,107,674	1,015,012	92,662	8.365457707	9,247.46	30:08.0
1190_20090114_223022_raw	1,132,138	1,000,913	131,225	11.59090146	7,983.32	30:11.0
1191_20090114_230022_raw	245,014	209,979	35,035	14.2991829	1,698.79	06:14.0
1192_20090116_040955_raw	900,818	847,054	53,764	5.968353208	10,359.80	30:09.0
1193_20090116_043955_raw	838,270	764,990	73,280	8.741813497	10,718.20	30:20.0
1194_20090116_050955_raw	257,573	231,108	26,465	10.27475706	3,902.71	10:40.0
1197_20090116_053840_raw	731,410	681,605	49,805	6.80945024	11,359.96	30:08.0
1198_20090116_060840_raw	635,366	571,532	63,834	10.04680767	11,692.23	30:20.1
1199_20090116_063840_raw	614,387	558,419	55,968	9.109567748	11,773.72	30:09.0
1200_20090116_070840_raw	584,015	527,213	56,802	9.726120048	12,147.34	30:10.0
1201_20090116_073840_raw	186,760	169,245	17,515	9.378346541	4,299.61	10:39.0
1202_20090116_074922_raw	542,823	516,919	25,904	4.772089613	12,388.53	30:10.0
1203_20090116_081922_raw	480,096	458,904	21,192	4.414117177	12,583.64	30:20.0

1204_20090116_084922_raw	56,341	53,666	2,675	4.74787455	1,668.39	04:05.0
1205_20090116_085335_raw	183,354	174,639	8,715	4.75310056	5,352.71	13:11.0
1206_20090116_090658_raw	419,222	400,604	18,618	4.441083722	12,587.28	30:19.0
1207_20090116_093658_raw	355,799	340,601	15,198	4.271512849	12,183.64	30:20.0
1208_20090116_100658_raw	275,411	258,779	16,632	6.038974478	12,014.22	30:20.0
1209_20090116_103658_raw	230,153	217,688	12,465	5.415962425	11,964.28	30:09.0
1210_20090116_110658_raw	199,213	193,577	5,636	2.829132637	11,846.02	30:11.0
1211_20090116_113658_raw	168,653	162,825	5,828	3.455615969	11,485.22	30:20.0
1212_20090116_120658_raw	140,575	136,961	3,614	2.570869643	11,277.67	30:22.0
1213_20090116_123658_raw	113,263	111,515	1,748	1.543310702	11,696.96	30:22.0
1214_20090116_130658_raw	90,534	89,496	1,038	1.146530585	11,840.84	30:21.0
1215_20090116_133658_raw	79,074	77,230	1,844	2.331992817	11,680.83	30:20.0
1216_20090116_140658_raw	71,816	70,313	1,503	2.09284839	11,827.18	30:24.0
1217_20090116_143659_raw	65,895	64,548	1,347	2.044161165	11,972.77	30:22.0
1218_20090116_150659_raw	63,412	61,625	1,787	2.818078597	11,926.91	30:22.0
1219_20090116_153659_raw	63,030	60,885	2,145	3.403141361	11,760.62	30:14.0
1220_20090116_160659_raw	59,974	58,397	1,577	2.629472772	11,784.80	30:12.0
1221_20090116_163659_raw	59,210	57,998	1,212	2.046951528	11,796.65	30:22.0
1222_20090116_170659_raw	54,806	54,151	655	1.195124621	11,594.07	30:24.0
1223_20090116_173659_raw	48,895	48,020	875	1.789549034	11,812.27	30:21.0
1224_20090116_180659_raw	41,444	41,078	366	0.88311939	11,850.08	30:24.0
1225_20090116_183659_raw	37,818	37,491	327	0.864667619	11,792.65	30:24.0
1226_20090116_190659_raw	35,140	34,964	176	0.500853728	11,611.19	30:20.0
1227_20090116_193659_raw	32,439	32,302	137	0.422331145	11,478.78	30:24.0
1228_20090116_200659_raw	28,836	28,734	102	0.353724511	11,461.54	30:09.0
1229_20090116_203659_raw	27,279	27,057	222	0.813812823	11,627.85	30:03.0
1230_20090116_210659_raw	26,412	26,088	324	1.226715129	11,328.30	30:22.0
1231_20090116_213659_raw	25,580	25,295	285	1.114151681	11,177.66	30:25.0
1232_20090116_220659_raw	25,607	25,283	324	1.265279025	10,911.66	30:19.0
1233_20090116_223659_raw	25,669	25,223	446	1.737504383	10,986.23	30:25.0
1234_20090116_230659_raw	26,358	25,823	535	2.02974429	11,006.28	30:23.0
1235_20090116_233659_raw	31,704	31,159	545	1.71902599	11,243.49	30:24.0
1236_20090117_000700_raw	20,819	20,698	121	0.581199866	5,667.42	14:47.0
1237_20090117_003127_raw	38,963	38,614	349	0.895721582	11,366.48	30:05.0
1238_20090117_010127_raw	44,871	44,123	748	1.667000958	11,469.84	30:26.0
1239_20090117_013127_raw	44,842	43,824	1,018	2.270193123	11,510.73	30:17.0
1240_20090117_020127_raw	42,968	42,558	410	0.954198473	11,104.22	30:14.0
1241_20090117_023127_raw	40,872	40,436	436	1.06674496	10,979.54	30:21.0
1242_20090117_030127_raw	36,929	36,283	646	1.749302716	11,256.84	30:23.0
1243_20090117_033127_raw	23,273	9,244	14,029	60.28015297	11,352.47	30:20.0
1244_20090117_040127_raw	69,781	0	69,781	100	11,160.35	30:23.9
1245_20090117_043127_raw	30,992	1	30,991	99.99677336	11,036.23	30:27.0
1246_20090117_050128_raw	1,144	0	1,144	100	701.6533	01:58.0
1247_20090117_050430_raw	63,721	60,378	3,343	5.246308124	21,782.10	00:51.0
1248_20090117_060509_raw	58,094	55,414	2,680	4.613213068	22,604.22	00:31.0
1249_20090117_070510_raw	58,102	56,424	1,678	2.888024509	22,452.19	00:09.0
1250_20090117_080510_raw	73,144	72,360	784	1.071858252	22,245.46	00:24.0
1251_20090117_090510_raw	73,476	71,974	1,502	2.04420491	22,136.80	00:24.0
1252_20090117_100510_raw	54,241	53,040	1,201	2.214192216	23,800.49	00:19.0
1253_20090117_110510_raw	40,669	39,365	1,304	3.206373405	21,296.38	00:11.0
1254_20090117_120510_raw	39,440	37,991	1,449	3.673935091	21,434.17	00:00.0
1255_20090117_130510_raw	40,709	39,927	782	1.920951141	22,184.57	00:17.0

1256_20090117_140510_raw	40,042	38,789	1,253	3.129214325	22,442.90	00:28.0
1257_20090117_150510_raw	41,637	39,513	2,124	5.101232077	22,436.16	00:28.0
1258_20090117_160510_raw	46,446	45,714	732	1.57602377	22,409.13	00:26.0
1259_20090117_170510_raw	45,691	45,046	645	1.411656563	20,675.07	59:59.0
1260_20090117_180510_raw	46,284	44,988	1,296	2.800103708	21,950.56	00:20.1
1261_20090117_190510_raw	42,319	40,777	1,542	3.643753397	21,932.00	00:28.0
1262_20090117_200510_raw	39,841	38,096	1,745	4.379910143	22,209.74	00:36.0
1263_20090117_210510_raw	38,883	37,004	1,879	4.832446056	22,294.55	00:32.0
1264_20090117_220511_raw	43,947	40,764	3,183	7.242815209	21,730.06	00:26.0
1265_20090117_230511_raw	44,780	40,749	4,031	9.001786512	22,192.46	00:29.0
1266_20090118_000511_raw	45,654	41,476	4,178	9.151443466	22,360.32	00:26.0
1267_20090118_010511_raw	44,541	40,834	3,707	8.322669002	21,453.56	00:33.0
1268_20090118_020511_raw	43,590	40,440	3,150	7.22642808	22,785.37	00:21.0
1269_20090118_030511_raw	43,192	39,764	3,428	7.936654936	23,215.13	00:33.9
1270_20090118_040511_raw	45,038	41,224	3,814	8.468404458	23,580.57	00:12.0
1271_20090118_050511_raw	41,847	38,975	2,872	6.863096518	24,101.96	00:33.0
1272_20090118_060511_raw	38,951	36,452	2,499	6.415753126	24,342.94	00:22.0
1273_20090118_070511_raw	42,606	39,972	2,634	6.182227855	23,832.32	00:20.0
1274_20090118_080511_raw	41,218	39,293	1,925	4.670289679	23,778.01	00:25.0
1275_20090118_090511_raw	55,507	53,680	1,827	3.291476751	23,362.84	00:23.0
1276_20090118_100511_raw	62,637	61,347	1,290	2.059485608	23,457.17	00:21.0
1277_20090118_110511_raw	55,508	53,564	1,944	3.502197881	23,343.94	00:23.0
1278_20090118_120512_raw	43,924	42,679	1,245	2.834441308	23,184.37	00:20.0
1279_20090118_130512_raw	42,560	40,870	1,690	3.970864662	23,879.50	00:32.0
1280_20090118_140512_raw	42,102	40,414	1,688	4.009310722	23,183.82	00:19.0
1281_20090118_150512_raw	44,758	42,023	2,735	6.110639439	22,720.43	00:28.0
1282_20090118_160512_raw	45,189	42,588	2,601	5.755825533	22,201.46	00:27.0
1283_20090118_170512_raw	45,266	41,980	3,286	7.259311625	21,636.40	00:29.0
1284_20090118_180512_raw	43,564	42,303	1,261	2.894591865	21,946.74	00:30.0
1285_20090118_190512_raw	43,128	41,564	1,564	3.626414394	22,433.35	00:31.0
1286_20090118_200512_raw	39,944	38,238	1,706	4.270979371	22,508.35	00:27.0
1287_20090118_210512_raw	42,095	40,225	1,870	4.442332819	22,199.65	00:32.0
1288_20090118_220512_raw	40,088	39,266	822	2.050488924	20,473.02	00:22.0
1289_20090118_230512_raw	62,037	60,084	1,953	3.148121282	20,181.47	00:23.0
1290_20090119_000512_raw	66,399	64,679	1,720	2.590400458	19,835.89	00:12.0
1291_20090119_010512_raw	41,009	38,434	2,575	6.279109464	17,973.36	00:27.0
1292_20090119_020513_raw	38,931	37,250	1,681	4.317895764	14,084.98	00:23.0
1293_20090119_030513_raw	35,949	35,617	332	0.923530557	18,309.41	00:23.0
1294_20090119_040513_raw	36,154	35,803	351	0.970846933	20,563.81	00:29.0
1295_20090119_050513_raw	35,546	33,543	2,003	5.634951893	21,344.68	00:24.0
1296_20090119_060513_raw	37,351	34,189	3,162	8.465636797	19,552.27	00:11.0
1297_20090119_070513_raw	41,479	38,825	2,654	6.398418477	20,774.73	00:00.0
1298_20090119_080513_raw	42,127	40,189	1,938	4.600375056	21,370.05	00:29.0
1299_20090119_090513_raw	39,370	37,947	1,423	3.614427229	20,244.68	00:27.0
1300_20090119_100513_raw	39,286	38,921	365	0.929084152	20,467.76	00:29.0
1301_20090119_110513_raw	43,104	42,278	826	1.916295471	18,988.68	00:32.0
1302_20090119_120513_raw	42,354	40,034	2,320	5.477640837	19,697.34	00:28.0
1303_20090119_130513_raw	43,669	41,047	2,622	6.004259314	18,780.56	00:34.0
1304_20090119_140513_raw	41,832	40,292	1,540	3.681392236	18,310.17	00:29.0
1305_20090119_150513_raw	40,530	39,465	1,065	2.627683198	19,180.52	00:23.0
1306_20090119_160514_raw	41,057	39,136	1,921	4.678861096	19,293.87	00:21.0
1307_20090119_170514_raw	41,723	40,392	1,331	3.190087002	19,381.01	00:22.0

1308_20090119_180514_raw	37,493	33,646	3,847	10.26058198	19,778.23	00:25.0
1309_20090119_190514_raw	38,548	35,362	3,186	8.265020235	19,809.52	00:27.0
1310_20090119_200514_raw	30,108	28,438	1,670	5.546698552	15,159.78	45:45.0

	No. of Soundings	Accepted Soundings	Rejected Soundings	% of Rejected Soundings	Distance (Km)
<b>Totals</b>	<b>61,364,210</b>	<b>57,234,181</b>	<b>4,130,029</b>	<b>1,467</b>	<b>4,093.93</b>

## **Zeewyck Sub-basin**

Line	Total Depth	Accept Depth	Reject Depth	% Reject Depth	Length	TotalTime
0085_20081030_202549_raw	84,004	66,019	17,985	21.40969478	31,088.41	38:42.0
0086_20081030_220415_raw	75,592	64,365	11,227	14.85210075	26,940.60	25:38.0
0087_20081030_232941_raw	121,546	104,035	17,511	14.40689122	42,603.97	30:07.0
0088_20081031_015937_raw	89,208	75,801	13,407	15.02892117	40,379.86	04:15.0
0089_20081031_040411_raw	167,692	146,326	21,366	12.74121604	74,687.95	35:21.0
0090_20081031_073938_raw	10,479	9,253	1,226	11.69958966	7,679.74	22:55.0
0091_20081031_080158_raw	69,569	61,902	7,667	11.02071325	49,675.41	34:30.9
0092_20081031_103625_raw	35,777	31,416	4,361	12.18939542	22,391.28	09:04.0
0093_20081031_114524_raw	60,409	55,465	4,944	8.184210962	41,258.27	11:18.0
0094_20081031_135646_raw	76,798	70,040	6,758	8.799708326	50,617.84	30:32.0
0095_20081031_162659_raw	24,274	22,850	1,424	5.866359067	6,677.52	39:52.0
0096_20081031_170628_raw	39,704	35,543	4,161	10.48005239	1,293.13	55:59.0
0097_20081031_180608_raw	60,642	54,217	6,425	10.59496718	2,706.79	22:37.0
0098_20081031_192845_raw	18,128	15,431	2,697	14.87753751	8,076.63	26:13.0
0099_20081031_195454_raw	87,192	81,606	5,586	6.40655106	41,872.89	06:04.0
0100_20081031_220119_raw	65,575	58,731	6,844	10.43690431	39,456.20	00:02.0
0101_20081101_000118_raw	67,558	57,527	10,031	14.84798247	47,473.01	17:41.0
0102_20081101_021847_raw	140,498	124,353	16,145	11.49126678	75,695.97	43:17.0
0103_20081101_060142_raw	70,863	61,552	9,311	13.13943807	35,946.51	58:31.0
0104_20081101_080003_raw	99,099	90,882	8,217	8.291708292	55,461.12	30:14.9
0105_20081101_103008_raw	83,139	78,829	4,310	5.184089296	35,693.85	31:26.0
0106_20081101_120113_raw	101,948	88,721	13,227	12.97426139	53,270.32	12:50.0
0107_20081101_141354_raw	14,657	13,584	1,073	7.32073412	8,400.98	21:30.0
0108_20081101_143539_raw	133,354	122,371	10,983	8.235973424	70,900.78	06:54.0
0109_20081101_174300_raw	278,319	241,038	37,281	13.39506106	84,916.57	00:19.0
0110_20081101_214300_raw	103,909	89,445	14,464	13.9198722	20,264.77	57:07.0
0111_20081101_223943_raw	208,120	179,294	28,826	13.85066308	55,362.53	34:53.0
0112_20081102_011417_raw	78,965	67,002	11,963	15.14974989	37,993.88	46:22.0
0113_20081102_030514_raw	106,214	95,052	11,162	10.50897245	35,882.56	58:48.0
0114_20081102_050349_raw	55,339	52,352	2,987	5.397640001	681.1304	01:15.0
0115_20081102_080457_raw	33,587	27,032	6,555	19.51647959	1,515.71	00:38.0
0116_20081102_105223_raw	41,535	36,146	5,389	12.97459974	24,121.68	02:28.1
0117_20081102_090457_raw	29,435	26,312	3,123	10.60981824	1,371.58	47:14.0
0118_20081102_115435_raw	81,923	71,661	10,262	12.52639674	28,277.56	11:55.0
0119_20081102_130616_raw	55,890	45,032	10,858	19.42744677	6,873.89	49:30.0
0120_20081102_135531_raw	70,326	66,502	3,824	5.437533771	925.5257	00:19.0
0121_20081102_145532_raw	79,809	72,393	7,416	9.292185092	1,391.59	00:23.0



0122_20081102_155532_raw	85,784	79,485	6,299	7.34286114	1,323.14	00:23.0
0123_20081102_165532_raw	81,474	74,981	6,493	7.969413555	1,164.43	00:19.0
0124_20081102_175532_raw	81,235	73,060	8,175	10.06339632	970.8439	00:15.0
0125_20081102_185532_raw	82,855	74,298	8,557	10.32768089	898.6054	00:17.0
0126_20081102_195532_raw	73,581	65,382	8,199	11.1428222	2,558.68	00:25.0
0127_20081102_205532_raw	70,403	65,967	4,436	6.300867861	908.2046	00:19.0
0128_20081102_215532_raw	67,035	61,202	5,833	8.701424629	2,375.22	00:28.0
0129_20081102_225532_raw	82,168	74,685	7,483	9.106951611	2,137.05	00:26.0
0130_20081102_235532_raw	80,125	74,742	5,383	6.71825273	1,060.35	00:26.0
0131_20081103_005532_raw	78,918	72,708	6,210	7.868927241	2,365.41	00:19.0
0132_20081103_015532_raw	77,293	70,486	6,807	8.806748347	1,057.98	00:19.0
0133_20081103_025533_raw	79,280	74,135	5,145	6.489656912	1,141.40	00:22.0
0134_20081103_035533_raw	74,807	67,295	7,512	10.041841	3,791.91	00:22.0
0135_20081103_045533_raw	73,780	63,585	10,195	13.81810789	1,284.21	00:27.0
0136_20081103_055533_raw	73,605	64,265	9,340	12.68935534	1,537.32	00:25.0
0137_20081103_065533_raw	72,703	68,229	4,474	6.153803832	1,116.88	00:25.0
0138_20081103_075533_raw	68,152	64,155	3,997	5.864831553	3,681.24	00:25.0
0139_20081103_085533_raw	85,892	65,850	20,042	23.33395427	21,766.90	00:23.0
0140_20081103_095533_raw	44,086	38,884	5,202	11.79966429	12,079.77	38:05.9
0141_20081103_103323_raw	134,782	116,779	18,003	13.35712484	29,340.23	03:07.0
0142_20081103_123613_raw	18,291	15,519	2,772	15.15499426	5,838.88	28:35.0
0143_20081103_130424_raw	114,736	99,704	15,032	13.10138056	23,245.52	56:23.0
0144_20081103_150046_raw	116,092	103,789	12,303	10.59762947	36,902.08	25:54.0
0188_20081107_162014_raw	133,748	115,202	18,546	13.86637557	26,907.83	47:31.0
0189_20081107_180729_raw	54,771	46,648	8,123	14.83084114	13,940.79	53:07.0
0190_20081107_190018_raw	38,950	31,509	7,441	19.10397946	6,530.50	32:30.0
0191_20081107_193235_raw	550,108	514,612	35,496	6.452551135	7,487.61	00:23.0
0192_20081107_233235_raw	275,379	267,013	8,366	3.037994909	2,123.34	51:44.0
0193_20081108_012406_raw	455,352	435,066	20,286	4.455015021	8,226.67	00:19.0
0194_20081108_052406_raw	327,736	314,781	12,955	3.952876706	7,473.53	50:32.0
0195_20081108_081427_raw	71,655	68,576	3,079	4.296978578	6,177.83	42:14.0
0196_20081108_085627_raw	428,793	408,979	19,814	4.620877673	5,271.75	00:09.0
0197_20081108_125627_raw	109,593	93,809	15,784	14.40237971	50,645.56	15:48.0
0198_20081108_151213_raw	131,132	120,003	11,129	8.486868194	64,021.62	55:02.0
0199_20081108_180702_raw	81,907	74,256	7,651	9.341081959	43,874.82	00:44.0
0200_20081108_200718_raw	69,561	61,737	7,824	11.24768189	52,522.21	19:57.0
0201_20081108_222647_raw	42,817	37,759	5,058	11.8130649	27,390.37	10:17.0
0202_20081108_233701_raw	22,650	21,709	941	4.154525386	11,466.91	30:43.0
0203_20081109_000758_raw	56,468	50,057	6,411	11.35333286	42,551.06	53:46.0
0204_20081109_020120_raw	49,227	43,310	5,917	12.01982652	40,856.50	50:36.0
0205_20081109_035131_raw	29,449	27,270	2,179	7.399232572	23,591.51	03:34.0
0206_20081109_045450_raw	27,610	22,521	5,089	18.43172763	15,465.49	06:18.0
0211_20081109_201916_raw	17,488	14,235	3,253	18.60132662	6,525.32	30:20.0
0213_20081110_004921_raw	264,342	244,839	19,503	7.377942211	29,602.68	24:54.0
0214_20081110_071355_raw	53,412	50,345	3,067	5.742155321	22,319.39	59:14.0
0215_20081110_081256_raw	82,414	75,475	6,939	8.419685976	39,281.58	49:57.0
0216_20081110_100232_raw	30,868	26,821	4,047	13.11066477	17,782.76	50:28.0
0217_20081110_105241_raw	61,128	48,724	12,404	20.29184662	5,810.43	07:16.1
0218_20081110_125941_raw	263,982	219,830	44,152	16.72538279	13,219.95	00:29.0
0219_20081110_205941_raw	299,497	273,620	25,877	8.640153324	12,662.45	51:02.0
0220_20081111_045029_raw	40,078	35,531	4,547	11.34537652	23,740.02	10:35.0
0221_20081111_060048_raw	354,961	328,324	26,637	7.504204687	19,625.58	00:21.0

0222_20081111_140048_raw	322,633	291,213	31,420	9.738619422	20,095.20	00:23.0
0223_20081111_220049_raw	177,303	161,064	16,239	9.158897481	5,300.06	05:24.0
0224_20081112_020603_raw	68,600	61,693	6,907	10.06851312	29,304.80	54:27.0
0225_20081112_040014_raw	51,849	46,936	4,913	9.475592586	24,147.31	45:01.0
0226_20081112_054504_raw	134,643	128,977	5,666	4.208165296	2,258.96	00:24.0
0227_20081112_094504_raw	115,448	109,220	6,228	5.394636546	1,913.63	00:29.0
0228_20081112_134505_raw	46,828	38,993	7,835	16.73144273	10,242.79	31:39.0
0229_20081112_151643_raw	78,205	67,320	10,885	13.91854741	42,557.51	32:49.0
0230_20081112_174918_raw	19,208	15,173	4,035	21.00687214	7,339.11	45:21.0
0231_20081112_183404_raw	60,033	51,994	8,039	13.3909683	1,799.89	12:22.9
0232_20081112_204614_raw	420,638	413,813	6,825	1.622535292	5,371.99	00:33.0
0233_20081113_044615_raw	241,119	207,338	33,781	14.0100946	31,549.36	03:54.0
0238_20081113_101028_raw	26,129	19,134	6,995	26.7710207	9,461.68	32:22.1
0239_20081113_104246_raw	55,888	49,785	6,103	10.92005439	29,492.48	20:07.0
0240_20081113_120221_raw	14,619	11,511	3,108	21.2600041	7,974.84	21:42.0
0241_20081113_122349_raw	72,317	64,028	8,289	11.46203521	40,308.81	45:03.1
0242_20081113_140842_raw	79,917	69,559	10,358	12.96094698	43,952.71	58:05.0
0243_20081113_160625_raw	93,909	81,469	12,440	13.24686665	40,750.90	54:07.0
0244_20081113_180013_raw	106,403	88,534	17,869	16.79369943	30,270.73	29:33.0
0245_20081113_192948_raw	162,833	143,404	19,429	11.93185656	34,326.48	34:43.0
0250_20081114_081112_raw	50,881	30,923	19,958	39.224858	16,788.88	49:13.9
0251_20081114_100001_raw	312	194	118	37.82051282	113.4666	46.983
0252_20081114_100026_raw	76,018	39,489	36,529	48.05309269	20,176.85	23:45.0
0253_20081114_122404_raw	85,111	40,771	44,340	52.09667376	18,926.48	37:41.0
0254_20081114_150126_raw	76,776	48,539	28,237	36.77842034	13,488.52	59:11.0
0255_20081114_170024_raw	87,182	62,884	24,298	27.87043197	18,567.82	06:34.0
0256_20081114_190639_raw	192,134	175,698	16,436	8.554446376	78,036.38	53:46.0
0257_20081115_000001_raw	15,958	14,766	1,192	7.46960772	6,915.05	28:32.0
0258_20081115_002832_raw	125,140	96,152	28,988	23.16445581	36,591.30	04:54.0
0259_20081115_033346_raw	161,083	114,168	46,915	29.12473694	45,428.44	26:06.0
0260_20081115_065923_raw	49,669	33,115	16,554	33.32863557	11,252.94	58:45.0
0261_20081115_075753_raw	110,634	66,359	44,275	40.01934306	26,810.04	34:46.0
0262_20081115_103207_raw	71,389	38,878	32,511	45.54062951	17,499.60	51:56.0
0263_20081115_122349_raw	69,851	49,356	20,495	29.3410259	9,753.34	36:25.0
0264_20081115_140000_raw	89,437	62,234	27,203	30.41582343	13,432.58	03:38.0
0265_20081115_160322_raw	101,146	73,623	27,523	27.21116011	17,041.92	58:41.0
0266_20081115_180140_raw	40,539	27,356	13,183	32.5193024	15,708.38	18:28.0
0268_20081115_192018_raw	31,611	24,794	6,817	21.56527791	7,745.85	40:00.9
0269_20081115_200026_raw	167,704	144,532	23,172	13.81720174	37,175.15	04:05.0
0270_20081115_230409_raw	48,533	39,154	9,379	19.32499536	13,347.31	03:22.1
0271_20081116_000712_raw	10,546	8,533	2,013	19.0878058	3,346.34	14:48.0
0272_20081116_002200_raw	61,155	46,798	14,357	23.47641239	22,799.89	38:57.0
0273_20081116_020103_raw	66,381	56,705	9,676	14.57646013	35,472.43	08:24.0
0274_20081116_040909_raw	53,427	45,346	8,081	15.12531117	32,488.53	51:21.0
0275_20081116_060000_raw	57,255	49,981	7,274	12.70456729	38,821.33	01:28.0
0276_20081116_080100_raw	6,153	4,767	1,386	22.52559727	3,817.31	14:23.0
0277_20081116_081450_raw	263,187	236,508	26,679	10.13689886	7,584.97	00:40.0
0278_20081116_161451_raw	258,491	238,114	20,377	7.883059758	36,264.76	45:17.0
0280_20081117_000009_raw	271,554	248,880	22,674	8.349720498	49,011.83	40:33.0
0283_20081117_120332_raw	79,378	70,414	8,964	11.29280153	29,148.41	07:32.1
0284_20081117_141047_raw	149,320	139,289	10,031	6.717787302	3,144.07	00:32.0
0285_20081117_181047_raw	146,037	130,621	15,416	10.5562289	2,404.95	00:31.0

0286_20081117_221047_raw	47,812	43,004	4,808	10.05605287	636.27	11:43.0
0287_20081117_232230_raw	160,693	145,538	15,155	9.431026865	4,501.76	59:42.0
0288_20081118_032230_raw	146,189	134,757	11,432	7.820013818	5,892.21	00:11.0
0289_20081118_072230_raw	444,311	406,366	37,945	8.540189192	19,990.68	36:10.0
0290_20081118_185823_raw	162,644	150,140	12,504	7.687956519	7,190.13	45:58.9
0291_20081118_224356_raw	156,513	146,863	9,650	6.165622025	36,146.83	37:59.0
0292_20081119_002133_raw	742	690	52	7.008086253	310.1926	50.01
0293_20081119_002200_raw	79,394	64,344	15,050	18.9560924	25,499.29	09:57.0
0294_20081119_013134_raw	54,375	50,868	3,507	6.449655172	38,022.09	45:29.0
0295_20081119_031648_raw	124,964	113,622	11,342	9.07621395	3,475.35	00:27.0
0296_20081119_071649_raw	156,332	143,533	12,799	8.187063429	4,510.31	00:22.0
0297_20081119_111649_raw	74,347	69,817	4,530	6.093050157	9,128.99	50:46.0
0298_20081119_130710_raw	27,553	25,251	2,302	8.354807099	18,419.97	55:39.0
0299_20081119_140245_raw	103,913	93,409	10,504	10.10845611	38,304.94	58:33.0
0313_20081122_060824_raw	353,916	346,530	7,386	2.086935883	17,358.63	00:19.0
0314_20081122_070824_raw	59,974	59,065	909	1.515656785	4,455.59	14:48.0
0315_20081122_072258_raw	191,173	189,419	1,754	0.917493579	18,160.50	00:13.0
0316_20081122_082259_raw	148,216	147,574	642	0.433151617	18,440.79	00:10.0
0317_20081122_092259_raw	65,465	64,614	851	1.299931261	11,314.56	37:16.0
0318_20081122_100002_raw	78,011	75,278	2,733	3.503352091	18,027.67	00:23.0
0319_20081122_110002_raw	66,599	64,433	2,166	3.252301086	17,225.19	00:26.1
0320_20081122_120007_raw	85,284	80,139	5,145	6.032784579	35,086.22	00:10.0
0321_20081122_140000_raw	47,695	43,488	4,207	8.820631093	19,750.74	03:41.0
0322_20081122_150320_raw	41,376	37,710	3,666	8.860208817	21,212.56	04:10.0
0323_20081122_160700_raw	38,226	34,683	3,543	9.268560666	16,613.24	49:55.0
0324_20081122_165642_raw	58,461	51,194	7,267	12.43050923	28,349.36	24:02.0
0325_20081122_182020_raw	82,553	75,855	6,698	8.113575521	38,074.04	41:26.9
0326_20081122_200131_raw	125,495	100,397	25,098	19.99920316	36,594.00	10:59.0
0327_20081122_221211_raw	165,922	139,628	26,294	15.84720531	25,980.35	00:18.0
0328_20081123_021212_raw	38,796	35,298	3,498	9.016393443	880.565	57:13.0
0329_20081123_030919_raw	38,386	35,491	2,895	7.541812119	805.0798	08:19.0
0330_20081123_041725_raw	30,500	27,121	3,379	11.07868852	5,587.42	56:53.0
0331_20081123_051408_raw	28,269	26,304	1,965	6.951077152	17,977.35	45:59.0
0332_20081123_060000_raw	51,312	48,190	3,122	6.084346742	24,727.54	02:02.0
0333_20081123_070148_raw	46,899	44,232	2,667	5.686688416	23,272.25	58:42.0
0334_20081123_080000_raw	60,875	58,161	2,714	4.458316222	30,324.45	17:18.0
0335_20081123_091656_raw	33,142	31,342	1,800	5.431174944	16,453.18	43:05.0
0336_20081123_100000_raw	67,726	64,727	2,999	4.428136905	24,352.67	08:12.0
0337_20081123_110808_raw	70,562	65,313	5,249	7.438848105	17,906.32	54:10.0
0338_20081123_120212_raw	109,667	100,364	9,303	8.482952939	19,536.36	59:20.0
0339_20081123_130127_raw	173,303	162,914	10,389	5.994702919	19,133.03	49:07.0
0340_20081123_145019_raw	309,059	296,319	12,740	4.122190261	5,187.05	25:18.0
0341_20081123_181514_raw	146,404	138,107	8,297	5.667194885	23,598.17	46:03.0
0342_20081123_200053_raw	166,701	148,197	18,504	11.10011338	31,400.26	51:28.0
0343_20081123_225202_raw	151,050	134,696	16,354	10.82687852	3,504.66	00:15.0
0344_20081124_025202_raw	45,269	40,767	4,502	9.944995472	43:33.9	0.05
0345_20081124_040001_raw	134,761	125,223	9,538	7.077715363	41:24.6	0.09
0346_20081124_060326_raw	123,420	103,633	19,787	16.03224761	25:28.7	0.05
0347_20081124_071911_raw	73,216	58,156	15,060	20.56927448	51:10.8	0.03
0770_20081216_140018_raw	92,519	69,287	23,232	25.11051784	15,315.47	59:55.0
0771_20081216_150001_raw	179,660	85,892	93,768	52.19191807	17,379.70	10:29.0
0772_20081216_161019_raw	112,791	55,468	57,323	50.82231738	11,293.22	50:56.0

0773_20081216_170101_raw	170,821	116,985	53,836	31.5160314	29,701.76	00:44.0
0774_20081216_190130_raw	134,691	98,276	36,415	27.03595637	31,778.34	00:09.0
0775_20081216_210123_raw	66,133	48,740	17,393	26.30003175	16,971.47	03:23.0
0776_20081216_220435_raw	111,537	81,108	30,429	27.2815299	28,325.88	54:52.0
0777_20081216_235911_raw	94,195	74,379	19,816	21.03721004	16,734.00	00:15.0
0778_20081217_005903_raw	34,164	31,468	2,696	7.891347617	4,759.62	19:45.0
0779_20081217_011833_raw	72,054	59,738	12,316	17.092736	12,834.76	42:03.0
0780_20081217_020024_raw	88,709	77,849	10,860	12.2422753	19,454.96	59:58.0
0781_20081217_030001_raw	10,812	9,865	947	8.758786533	3,449.62	10:08.0
0782_20081217_030950_raw	54,351	46,904	7,447	13.70167982	17,171.67	50:28.0
0783_20081217_040000_raw	66,662	56,892	9,770	14.65602592	18,989.05	00:26.0
0784_20081217_050023_raw	65,064	59,330	5,734	8.812861183	21,083.01	00:03.0
0785_20081217_060022_raw	55,362	49,555	5,807	10.48914418	19,766.20	59:52.0
0786_20081217_070000_raw	77,796	71,342	6,454	8.296056353	20,583.94	00:06.0
0787_20081217_080001_raw	109,889	103,902	5,987	5.448225027	19,803.42	00:11.0
0788_20081217_090009_raw	117,685	112,082	5,603	4.761014573	17,409.51	59:17.0
0789_20081217_095926_raw	118,392	113,111	5,281	4.460605446	16,459.84	00:45.1
0790_20081217_110009_raw	116,143	109,644	6,499	5.595688074	15,514.57	00:29.0
0791_20081217_120034_raw	136,660	116,609	20,051	14.67217913	15,463.53	01:31.0
0792_20081217_130203_raw	159,192	128,660	30,532	19.17935575	13,787.44	57:59.0
0793_20081217_140001_raw	320,469	270,677	49,792	15.53722825	12,843.71	56:31.0
0794_20081217_145631_raw	54,535	35,407	19,128	35.07472266	249.89	07:27.0
0769_20081216_130002_raw	128,888	85,487	43,401	33.67342189	16,283.91	00:20.1
0770_20081216_140018_raw	92,519	68,478	24,041	25.98493282	15,340.31	59:55.0
0771_20081216_150001_raw	179,660	85,892	93,768	52.19191807	17,405.16	10:29.0
0772_20081216_161019_raw	112,791	55,468	57,323	50.82231738	11,308.88	50:56.0
0773_20081216_170101_raw	170,821	114,547	56,274	32.94325639	29,738.61	00:44.0
0774_20081216_190130_raw	134,691	87,971	46,720	34.68680164	31,809.33	00:09.0
0775_20081216_210123_raw	66,133	45,036	21,097	31.90086644	16,984.61	03:23.0
0776_20081216_220435_raw	111,537	75,792	35,745	32.04766131	28,342.50	54:52.0
0777_20081216_235911_raw	94,195	69,653	24,542	26.05446149	16,741.96	00:15.0
0778_20081217_005903_raw	34,164	30,442	3,722	10.89450884	4,761.73	19:45.0
0779_20081217_011833_raw	72,054	57,917	14,137	19.62000722	12,839.57	42:03.0
0780_20081217_020024_raw	88,709	76,247	12,462	14.04818	19,459.69	59:58.0
0781_20081217_030001_raw	10,812	9,776	1,036	9.581945986	3,450.15	10:08.0
0782_20081217_030950_raw	54,351	46,003	8,348	15.35942301	17,172.90	50:28.0
0783_20081217_040000_raw	66,662	56,623	10,039	15.05955417	18,987.74	00:26.0
0784_20081217_050023_raw	65,064	59,238	5,826	8.954260421	21,078.28	00:03.0
0785_20081217_060022_raw	55,362	48,858	6,504	11.74813049	19,758.76	59:52.0
0786_20081217_070000_raw	77,796	70,958	6,838	8.789654995	20,573.32	00:06.0
0787_20081217_080001_raw	109,889	103,679	6,210	5.651157077	19,790.73	00:11.0
0788_20081217_090009_raw	117,685	111,638	6,047	5.138292901	17,396.69	59:17.0
0789_20081217_095926_raw	118,392	112,530	5,862	4.951348064	16,446.16	00:45.1
0790_20081217_110009_raw	116,143	107,890	8,253	7.105895319	15,499.94	00:29.0
0791_20081217_120034_raw	136,660	116,609	20,051	14.67217913	15,447.18	01:31.0
0792_20081217_130203_raw	159,192	128,660	30,532	19.17935575	13,771.37	57:59.0
0793_20081217_140001_raw	320,469	270,677	49,792	15.53722825	12,827.48	56:31.0
0794_20081217_145631_raw	54,535	35,407	19,128	35.07472266	249.5632	07:27.0
0795_20081217_150414_raw	436,053	360,605	75,448	17.30248387	12,133.87	55:14.0
0796_20081217_155929_raw	490,974	372,639	118,335	24.10209095	12,367.03	58:57.0
0797_20081217_165815_raw	585,047	471,426	113,621	19.42083286	12,987.25	59:28.0
0798_20081217_175733_raw	825,564	740,373	85,191	10.31912729	15,611.04	09:53.0

0806_20081220_031825_raw	7,724	6,745	979	12.67477991	135.3405	23.004
0807_20081220_031856_raw	1,251,805	1,213,801	38,004	3.035936108	28,523.86	35:00.0
0808_20081220_045338_raw	40,801	40,425	376	0.921546041	1,318.51	04:14.0
0809_20081220_045741_raw	471,500	460,379	11,121	2.35864263	16,166.61	00:22.0
0810_20081220_055741_raw	106,122	100,931	5,191	4.891539926	7,325.65	27:36.0
0811_20081220_062518_raw	168,437	161,468	6,969	4.137451985	23,806.01	20:44.0
0812_20081220_074559_raw	62,776	55,067	7,709	12.28017077	25,770.58	22:06.0
0813_20081220_090756_raw	180,812	165,629	15,183	8.39711966	11,443.82	00:15.0
0814_20081220_130756_raw	161,177	145,385	15,792	9.797924021	7,318.16	38:06.0
0815_20081220_164535_raw	61,944	54,491	7,453	12.03183521	20,216.41	19:28.0
0816_20081220_180445_raw	175,121	163,544	11,577	6.610857636	33,382.25	55:32.0
0817_20081220_200001_raw	202,078	194,719	7,359	3.64166312	34,831.75	01:34.0
0818_20081220_220121_raw	180,125	172,847	7,278	4.040527412	34,342.17	58:48.0
0819_20081221_000000_raw	155,924	150,815	5,109	3.276596291	38,039.19	03:16.0
0820_20081221_020321_raw	69,994	66,567	3,427	4.896133954	19,880.11	59:55.0
0821_20081221_030252_raw	74,159	71,337	2,822	3.805337181	19,157.80	57:46.0
0822_20081221_040057_raw	88,528	83,790	4,738	5.351979035	20,152.31	00:00.0
0823_20081221_050056_raw	79,082	73,451	5,631	7.120457247	21,425.90	01:29.9
0824_20081221_060207_raw	148,129	134,334	13,795	9.312828683	40,058.73	04:54.0
0825_20081221_080633_raw	53,264	49,865	3,399	6.381420847	14,183.81	43:39.0
0826_20081221_085013_raw	111,348	105,355	5,993	5.382225096	26,779.57	22:02.0
0827_20081221_101231_raw	160,407	154,326	6,081	3.79098169	36,573.39	48:45.0
0828_20081221_120102_raw	91,615	87,033	4,582	5.001364405	16,426.58	48:35.0
0829_20081221_124934_raw	115,460	105,843	9,617	8.32929153	22,644.94	10:54.0

	No. of Soundings	Accepted Soundings	Rejected Soundings	% of Rejected Soundings	Distance (Km)
<b>Totals</b>	<b>31,858,638</b>	<b>27,962,525</b>	<b>3,896,113</b>	<b>3,613</b>	<b>5,410.74</b>

## Houtman Sub-basin

Line	Total Depth	Accept Depth	Reject Depth	% Reject Depth	Length	TotalTime
0080_20081030_101219_raw	77,002	62,332	14,670	19.05145321	33,748.94	49:12.0
0081_20081030_120140_raw	90,888	71,725	19,163	21.08419153	36,486.94	59:25.0
0082_20081030_140119_raw	98,267	78,856	19,411	19.75332512	37,180.26	59:33.9
0083_20081030_160033_raw	63,880	50,789	13,091	20.49311209	38,256.79	00:32.0
0084_20081030_180052_raw	94,382	70,511	23,871	25.29189888	45,730.82	25:14.0
0145_20081103_172640_raw	85,598	72,889	12,709	14.84730952	40,615.17	09:57.0
0146_20081103_193617_raw	64,735	59,759	4,976	7.686722793	30,213.53	28:43.0
0147_20081103_210441_raw	73,987	65,827	8,160	11.02896455	37,703.04	53:15.0
0148_20081103_225737_raw	88,987	79,014	9,973	11.20725499	49,562.62	19:27.0
0149_20081104_011652_raw	75,200	68,486	6,714	8.928191489	38,985.08	47:31.0
0150_20081104_030411_raw	105,652	101,833	3,819	3.614697308	37,902.11	54:56.0
0151_20081104_045855_raw	42,591	39,326	3,265	7.665938813	16,335.83	50:55.0
0152_20081104_054950_raw	93,286	87,639	5,647	6.053427095	33,181.36	51:23.0
0153_20081104_074138_raw	86,999	73,929	13,070	15.02316119	39,770.03	05:14.0
0154_20081104_094632_raw	91,628	80,155	11,473	12.5212817	29,777.83	29:32.0
0155_20081104_111546_raw	83,586	70,141	13,445	16.08522958	34,934.48	42:53.0
0156_20081104_125838_raw	102,203	94,103	8,100	7.925403364	36,262.94	52:33.0
0157_20081104_145118_raw	107,435	102,065	5,370	4.998371108	38,664.86	03:15.0
0158_20081104_165448_raw	93,994	81,729	12,265	13.04870524	38,713.47	07:12.0

0159_20081104_190144_raw	117,754	106,414	11,340	9.630246106	42,138.33	16:22.9
0160_20081104_211806_raw	123,517	115,336	8,181	6.623379778	54,387.85	43:32.1
0161_20081105_000120_raw	137,207	125,433	11,774	8.581194837	61,339.08	56:17.0
0162_20081105_025722_raw	88,541	76,481	12,060	13.62080844	43,706.44	05:56.0
0163_20081105_050247_raw	77,021	69,164	7,857	10.20111398	39,372.52	54:14.0
0164_20081105_065635_raw	104,962	96,915	8,047	7.666584097	42,681.15	09:16.0
0165_20081105_090536_raw	104,217	98,453	5,764	5.530767533	41,203.65	59:44.0
0166_20081105_110507_raw	100,887	83,717	17,170	17.01904111	38,383.18	56:18.0
0167_20081105_130108_raw	90,553	68,317	22,236	24.55578501	33,277.01	58:14.0
0168_20081105_145907_raw	93,222	68,937	24,285	26.05071764	27,833.38	58:57.0
0169_20081105_165750_raw	125,554	107,379	18,175	14.47584306	33,569.36	12:30.0
0170_20081105_191002_raw	102,931	88,937	13,994	13.59551544	27,122.64	49:58.0
0171_20081105_205943_raw	160,220	124,958	35,262	22.00848833	39,943.95	02:16.0
0172_20081106_000136_raw	129,695	108,355	21,340	16.4539882	32,163.20	23:14.0
0173_20081106_022434_raw	76,770	61,078	15,692	20.44027615	24,996.40	40:45.0
0174_20081106_040502_raw	91,658	79,631	12,027	13.12160422	29,552.96	58:39.0
0175_20081106_060335_raw	199,064	168,250	30,814	15.4794438	51,375.21	42:24.0
0176_20081106_094540_raw	25,754	18,182	7,572	29.40125806	6,793.86	34:37.0
0177_20081106_101939_raw	146,852	133,660	13,192	8.983193964	11,701.55	00:30.0
0178_20081106_141940_raw	213,053	203,396	9,657	4.532674968	13,134.56	33:14.0
0179_20081106_195227_raw	41,961	39,634	2,327	5.5456257	1,863.37	04:29.0
0180_20081106_205651_raw	165,736	158,124	7,612	4.592846455	8,677.07	59:40.0
0181_20081107_005652_raw	138,784	126,431	12,353	8.900881946	40,729.66	15:45.0
0182_20081107_041206_raw	156,414	141,521	14,893	9.521526206	5,868.61	00:30.0
0183_20081107_081206_raw	164,202	148,408	15,794	9.618640455	7,103.50	00:24.9
0184_20081107_121207_raw	17,212	14,310	2,902	16.86033	4,169.53	25:36.0
0185_20081107_123717_raw	71,975	61,407	10,568	14.682876	18,812.29	28:36.0
0186_20081107_140533_raw	60,133	48,909	11,224	18.66529194	13,980.03	14:18.0
0187_20081107_151940_raw	72,966	62,350	10,616	14.54924211	13,348.37	00:50.0
0246_20081113_210426_raw	265,198	227,939	37,259	14.04950264	62,745.33	03:03.0
0247_20081114_000719_raw	143,019	123,045	19,974	13.96597655	20,915.95	11:15.0
0248_20081114_011829_raw	278,869	187,441	91,428	32.78528628	70,277.39	03:00.0
0249_20081114_062125_raw	73,638	52,387	21,251	28.85874141	20,614.20	50:03.0
0348_20081124_080510_raw	88,821	81,159	7,662	8.626338366	06:03.8	0.04
0349_20081124_090449_raw	77,588	71,485	6,103	7.865907099	04:32.4	0.04
0350_20081124_100050_raw	55,981	50,059	5,922	10.57858916	40:41.0	0.04
0351_20081124_110041_raw	48,490	43,203	5,287	10.90327903	25:04.0	0.04
0352_20081124_120003_raw	58,548	52,020	6,528	11.14982578	22125.77	00:07.0
0353_20081124_125959_raw	63,536	56,968	6,568	10.33744649	21971.52	00:14.0
0354_20081124_140008_raw	67,384	62,408	4,976	7.384542325	22582.88	01:37.0
0355_20081124_150142_raw	70,358	66,178	4,180	5.941044373	21165.51	59:01.9
0356_20081124_160022_raw	172,862	158,500	14,362	8.308361583	56963.80	42:38.0
0357_20081124_184232_raw	136,825	126,835	9,990	7.301297278	54613.52	31:42.0
0358_20081124_211356_raw	66,868	62,487	4,381	6.551713824	25522.68	11:44.0
0359_20081124_222510_raw	42,104	39,250	2,854	6.778453354	15658.66	42:58.0
0360_20081124_230822_raw	53,768	48,423	5,345	9.940857015	20078.18	59:28.0
0361_20081125_000735_raw	53,064	48,568	4,496	8.472787577	38:59.9	03:15.0
0362_20081125_011034_raw	77,373	71,048	6,325	8.17468626	35,441.27	01:43:14.008
0363_20081125_025326_raw	103,447	96,223	7,224	6.983286127	45,485.11	02:09:37.999
0364_20081125_050247_raw	41,490	38,626	2,864	6.902868161	19,959.90	57:16.000
0365_20081125_060001_raw	47,351	43,117	4,234	8.941733015	21,055.17	01:00:11.974
0366_20081125_070001_raw	48,894	43,644	5,250	10.73751381	22,925.04	01:06:39.964

0367_20081125_080628_raw	39,247	34,978	4,269	10.8772645	18,636.49	54:26.977
0368_20081125_090042_raw	58,917	52,902	6,015	10.20927746	26,132.98	01:16:40.035
0369_20081125_101722_raw	32,181	28,594	3,587	11.14632858	14,949.51	43:34.959
0370_20081125_110047_raw	47,275	41,321	5,954	12.5943945	21,445.69	01:02:34.044
0371_20081125_120319_raw	104,070	95,127	8,943	8.59325454	40,520.03	01:57:30.007
0372_20081125_140043_raw	62,616	57,864	4,752	7.589114603	20,325.59	59:21.978
0373_20081125_150001_raw	62,656	57,804	4,852	7.743871297	21,698.06	01:03:05.978
0374_20081125_160247_raw	16,777	15,152	1,625	9.685879478	6,069.12	17:42.992
0375_20081125_162012_raw	50,412	45,462	4,950	9.819090693	19,081.68	54:27.030
0376_20081125_171429_raw	79,983	71,759	8,224	10.28218496	30,289.11	01:21:56.000
0377_20081125_183600_raw	23,148	21,240	1,908	8.242612753	8,515.72	23:29.992
0378_20081125_185920_raw	76,596	69,790	6,806	8.885581493	25,924.61	01:12:55.978
0379_20081125_201202_raw	65,391	58,342	7,049	10.77977092	22,075.18	01:03:10.000
0380_20081125_211457_raw	111,069	101,458	9,611	8.653179555	39,509.35	01:53:36.990
0381_20081125_230805_raw	382	376	6	1.570680628	264.79	44.985
0382_20081125_230832_raw	51,234	47,058	4,176	8.150837335	17,941.17	50:59.037
0383_20081125_235922_raw	53,696	46,794	6,902	12.85384386	19,350.18	57:59.978
0384_20081126_005710_raw	66,330	53,134	13,196	19.89446706	24,479.17	01:15:51.033
0385_20081126_021257_raw	95,443	76,734	18,709	19.6022757	34,990.05	01:47:34.015
0386_20081126_040008_raw	57,765	48,589	9,176	15.8850515	19,804.35	01:00:12.999
0387_20081126_050000_raw	56,746	46,231	10,515	18.52994044	19,655.50	01:00:14.987
0388_20081126_060001_raw	6,588	5,205	1,383	20.99271403	2,412.76	07:23.002
0389_20081126_060709_raw	53,380	45,203	8,177	15.31847134	17,409.11	53:03.981
0390_20081126_070004_raw	59,269	50,689	8,580	14.47637045	20,898.20	01:04:05.991
0391_20081126_080351_raw	47,690	39,976	7,714	16.1752988	19,053.93	56:10.948
0392_20081126_090000_raw	77,968	65,370	12,598	16.15791094	27,380.25	01:16:49.046
0393_20081126_101648_raw	52,032	39,886	12,146	23.34332718	16,028.85	45:48.011
0394_20081126_110220_raw	65,482	50,774	14,708	22.46113436	19,824.37	01:00:37.031
0395_20081126_120252_raw	55,458	43,468	11,990	21.61996466	18,008.13	57:21.995
0396_20081126_130001_raw	52,608	40,765	11,843	22.51178528	17,822.52	56:46.992
0397_20081126_135643_raw	60,734	48,651	12,083	19.89495176	17,356.91	03:29.0
0398_20081126_150001_raw	13,667	10,765	2,902	21.23362845	4,329.06	14:27.0
0399_20081126_151415_raw	64,479	53,455	11,024	17.09703935	21,056.87	02:24.0
0400_20081126_161630_raw	52,259	41,810	10,449	19.99464207	15,213.12	45:21.0
0401_20081126_170145_raw	68,201	51,687	16,514	24.21372121	19,192.10	57:39.0
0402_20081126_175913_raw	67,170	54,282	12,888	19.18713711	19,774.22	59:46.0
0403_20081126_185830_raw	60,502	50,814	9,688	16.0126938	20,265.25	03:45.0
0404_20081126_200154_raw	64,768	52,500	12,268	18.94145257	22,923.49	05:07.0
0405_20081126_210634_raw	76,673	58,307	18,366	23.95367339	22,751.60	03:05.0
0406_20081126_220923_raw	76,343	56,368	19,975	26.16480882	21,237.71	00:03.0
0407_20081126_230901_raw	62,949	43,042	19,907	31.62401309	16,827.11	50:44.0
0408_20081126_235926_raw	69,529	51,248	18,281	26.2926261	19,047.10	01:00.0
0409_20081127_010009_raw	69,027	48,621	20,406	29.56234517	17,785.52	02:26.0
0410_20081127_020216_raw	66,944	51,003	15,941	23.81244025	15,885.42	56:58.0
0411_20081127_025903_raw	81,722	60,256	21,466	26.26710066	20,893.08	04:25.0
0412_20081127_040321_raw	82,463	62,367	20,096	24.36971733	19,870.74	02:08.0
0413_20081127_050518_raw	111,372	84,169	27,203	24.42534928	30,193.54	29:43.0
0414_20081127_063445_raw	27,574	22,103	5,471	19.84115471	8,618.41	26:26.0
0415_20081127_070059_raw	68,491	57,604	10,887	15.89551912	19,754.68	59:19.0
0416_20081127_080000_raw	79,313	62,966	16,347	20.61074477	21,483.55	01:06.0
0417_20081127_090056_raw	82,495	59,637	22,858	27.70834596	19,999.98	59:10.0
0418_20081127_100000_raw	82,468	59,381	23,087	27.99510113	19,865.36	00:02.0

0419_20081127_110001_raw	79,451	57,538	21,913	27.58052133	19,662.94	00:03.0
0420_20081127_120001_raw	76,685	54,622	22,063	28.77094608	19,971.41	00:05.0
0421_20081127_130001_raw	74,741	55,578	19,163	25.6392074	17,363.44	01:01.0
0422_20081127_140054_raw	75,795	49,667	26,128	34.47193087	15,378.81	59:38.0
0423_20081127_150020_raw	83,833	54,645	29,188	34.81683824	16,948.61	03:58.0
0424_20081127_160405_raw	76,736	57,065	19,671	25.63464345	16,726.68	55:22.0
0425_20081127_165916_raw	82,603	59,407	23,196	28.08130455	18,268.90	59:29.0
0426_20081127_175829_raw	83,666	62,814	20,852	24.92290775	19,421.36	01:10.0
0427_20081127_185916_raw	5,079	4,081	998	19.64953731	1,286.99	04:00.0
0428_20081127_190306_raw	77,852	60,012	17,840	22.91527514	18,289.81	01:33.0
0429_20081127_200427_raw	62,302	51,471	10,831	17.38467465	18,448.27	56:47.0
0430_20081127_210057_raw	53,310	43,246	10,064	18.87825924	19,345.11	59:50.0
0431_20081127_220026_raw	56,902	51,064	5,838	10.25974482	20,069.78	00:53.0
0432_20081127_230103_raw	48,244	40,906	7,338	15.21018158	8,234.42	59:12.0
0433_20081127_235954_raw	140,968	117,883	23,085	16.37605698	4,022.06	16:07.0
0434_20081128_032222_raw	162,667	141,038	21,629	13.29648915	2,952.13	52:12.0
0435_20081128_071432_raw	143,942	125,326	18,616	12.9329869	3,011.96	32:57.0
0436_20081128_104723_raw	67,446	58,608	8,838	13.10381639	25,866.65	29:33.1
0437_20081128_121658_raw	83,977	74,553	9,424	11.22212034	35,869.01	42:40.0
0438_20081128_140001_raw	53,642	49,580	4,062	7.572424593	20,102.59	00:10.0
0439_20081128_150000_raw	60,614	55,292	5,322	8.7801498	24,169.20	12:14.0
0440_20081128_161156_raw	41,057	36,334	4,723	11.5035195	14,962.22	47:51.0
0441_20081128_165927_raw	40,792	34,318	6,474	15.87075897	12,252.32	45:59.0
0442_20081128_174505_raw	174,640	158,517	16,123	9.232134677	4,400.35	03:06.0
0443_20081128_204801_raw	63,134	57,783	5,351	8.475623277	780.1993	10:19.0
0444_20081128_221011_raw	220,678	215,482	5,196	2.35456185	2,626.62	36:40.0
0445_20081129_004654_raw	229,652	222,804	6,848	2.981903053	4,996.21	44:27.0
0446_20081129_033118_raw	126,363	122,151	4,212	3.333254196	16,638.61	28:55.0
0447_20081129_050000_raw	96,556	93,393	3,163	3.275819214	18,422.30	02:20.0
0448_20081129_060209_raw	148,775	143,001	5,774	3.881028399	2,601.06	03:13.0
0449_20081129_080517_raw	216,695	207,987	8,708	4.01855142	3,363.41	07:15.0
0450_20081129_111226_raw	127,756	118,035	9,721	7.609035975	2,142.45	51:17.0
0451_20081129_130337_raw	63,524	53,368	10,156	15.98765821	12,469.22	56:29.0
0452_20081129_140004_raw	62,737	52,106	10,631	16.94534326	15,687.01	00:13.0
0453_20081129_150001_raw	2,446	2,192	254	10.3843009	852.6234	02:44.0
0454_20081129_150229_raw	56,127	52,370	3,757	6.693748107	18,625.47	57:58.0
0455_20081129_160009_raw	61,099	56,771	4,328	7.083585656	19,184.76	01:43.0
0456_20081129_170143_raw	39,409	35,936	3,473	8.812707757	10,396.15	36:58.0
0457_20081129_173818_raw	11,831	7,890	3,941	33.31079368	861.3931	11:31.0
0458_20081129_174929_raw	88,010	73,685	14,325	16.27655948	2,785.75	25:20.0
0459_20081129_192227_raw	96,450	81,314	15,136	15.69310524	10,413.04	34:00.0
0460_20081129_205650_raw	67,429	60,820	6,609	9.801420754	24,490.92	16:32.0
0674_20081212_000035_raw	68,456	47,631	20,825	30.42100035	16,692.55	59:09.0
0675_20081212_005919_raw	74,555	52,168	22,387	30.02749648	19,085.23	05:47.0
0676_20081212_020440_raw	62,113	38,401	23,712	38.17558321	15,902.93	56:23.0
0677_20081212_030051_raw	74,129	41,181	32,948	44.44684267	17,177.43	00:08.0
0678_20081212_040048_raw	59,833	36,940	22,893	38.26149449	17,895.24	59:28.0
0679_20081212_050001_raw	115,194	81,923	33,271	28.88258069	31,666.94	37:00.0
0680_20081212_063655_raw	32,188	20,032	12,156	37.76562694	6,696.82	23:13.0
0681_20081212_070001_raw	83,311	48,345	34,966	41.97044808	15,981.50	00:30.0
0682_20081212_080027_raw	102,732	51,184	51,548	50.17715999	15,902.53	01:11.0
0683_20081212_090134_raw	86,146	55,914	30,232	35.09391034	15,289.07	58:42.0



0684_20081212_100001_raw	91,500	59,481	32,019	34.99344262	9,228.65	04:44.0
0685_20081212_110443_raw	250,586	167,847	82,739	33.01820533	4,874.74	55:59.0
0686_20081212_140035_raw	171,663	115,757	55,906	32.56729755	10,437.21	00:41.0
0687_20081212_160103_raw	85,406	45,948	39,458	46.20050114	16,880.69	00:17.0
0688_20081212_170109_raw	67,768	43,485	24,283	35.83254633	13,345.84	47:17.0
0689_20081212_174812_raw	14,375	9,884	4,491	31.24173913	3,285.46	12:06.0
0690_20081212_180009_raw	77,847	58,109	19,738	25.35486274	17,596.65	59:05.0
0691_20081212_185902_raw	62,987	50,835	12,152	19.29286996	18,645.25	00:59.0
0692_20081212_195950_raw	64,657	39,172	25,485	39.41568585	15,585.17	00:42.0
0693_20081212_210018_raw	78,319	45,955	32,364	41.32330597	16,810.48	07:34.0
0694_20081212_220732_raw	57,701	35,006	22,695	39.33207397	13,104.15	54:00.0
0695_20081212_230118_raw	78,958	44,204	34,754	44.01580587	15,636.03	05:17.0
0696_20081213_000623_raw	58,859	34,983	23,876	40.56473946	12,018.75	52:55.0
0697_20081213_005900_raw	88,244	61,206	27,038	30.64004352	21,063.42	23:23.0
0698_20081213_022206_raw	42,257	27,194	15,063	35.64616513	9,676.19	38:13.0
0699_20081213_030001_raw	71,423	63,237	8,186	11.46129398	17,222.73	00:19.0
0700_20081213_040015_raw	64,546	58,513	6,033	9.346822421	18,978.17	00:48.0
0701_20081213_050052_raw	57,395	51,132	6,263	10.91210036	18,833.83	59:19.0
0702_20081213_060001_raw	58,969	51,780	7,189	12.19115128	20,044.71	00:02.0
0703_20081213_070001_raw	65,451	56,744	8,707	13.30308169	19,093.58	00:10.0
0704_20081213_080000_raw	61,763	51,287	10,476	16.96161132	18,294.86	00:02.0
0705_20081213_090000_raw	66,208	47,821	18,387	27.77156839	16,726.11	00:01.0
0706_20081213_100001_raw	75,417	48,584	26,833	35.57951125	17,899.10	03:31.1
0707_20081213_110332_raw	60,143	45,222	14,921	24.80920473	16,451.27	56:32.0
0708_20081213_120001_raw	64,908	51,160	13,748	21.18074814	16,874.57	00:00.0
0709_20081213_130000_raw	69,317	54,868	14,449	20.8448144	17,136.69	00:03.0
0710_20081213_140000_raw	80,974	67,622	13,352	16.48924346	17,255.62	00:17.0
0711_20081213_150001_raw	84,681	71,140	13,541	15.99060002	19,718.35	01:13.0
0712_20081213_160100_raw	1,505	1,311	194	12.89036545	524.18	01:36.0
0713_20081213_160213_raw	76,270	65,536	10,734	14.07368559	19,800.00	57:52.0
0714_20081213_165956_raw	77,303	67,721	9,582	12.39537922	20,935.22	01:53.0
0715_20081213_180135_raw	71,255	53,690	17,565	24.65090169	17,375.52	53:40.0
0716_20081213_185502_raw	81,267	64,402	16,865	20.752581	21,138.29	05:36.0
0717_20081213_200025_raw	70,326	57,521	12,805	18.20805961	18,242.51	59:57.0
0718_20081213_210002_raw	1,306	1,133	173	13.24655436	351.30	01:13.0
0719_20081213_210104_raw	79,977	64,972	15,005	18.76164397	17,722.34	58:55.0
0720_20081213_215939_raw	88,703	71,846	16,857	19.00386684	19,287.71	00:25.0
0721_20081213_225953_raw	84,821	68,747	16,074	18.95049575	18,343.98	58:11.0
0722_20081213_235749_raw	91,716	79,042	12,674	13.81874482	19,362.24	03:23.0
0723_20081214_010100_raw	95,682	85,351	10,331	10.79722414	19,974.70	03:54.0
0724_20081214_020440_raw	78,347	66,790	11,557	14.75104343	18,771.30	55:35.0
0725_20081214_030001_raw	62,154	55,661	6,493	10.44663256	19,823.16	00:19.0
0726_20081214_040001_raw	55,029	47,765	7,264	13.20031256	20,511.03	00:44.0
0727_20081214_050023_raw	53,929	46,982	6,947	12.88175193	20,311.62	00:36.0
0728_20081214_060052_raw	56,726	48,422	8,304	14.63878997	19,162.45	59:18.9
0729_20081214_070001_raw	60,703	51,425	9,278	15.28425284	18,973.06	01:38.0
0730_20081214_080132_raw	58,181	52,153	6,028	10.3607707	17,385.47	00:16.0
0731_20081214_090138_raw	54,037	49,583	4,454	8.242500509	17,562.24	59:42.0
0732_20081214_100108_raw	48,320	43,762	4,558	9.43294702	18,009.75	00:24.0
0733_20081214_110126_raw	47,846	41,830	6,016	12.57367387	10,739.05	07:51.0
0734_20081214_120904_raw	93,437	82,634	10,803	11.561801	1,489.34	13:35.0
0735_20081214_142228_raw	85,903	70,514	15,389	17.91439181	1,429.17	59:49.0

0736_20081214_162200_raw	79,032	70,469	8,563	10.83485171	1,107.76	40:50.0
0737_20081214_180235_raw	46,445	40,980	5,465	11.76660566	541.73	00:46.0
0738_20081214_190255_raw	109,381	92,706	16,675	15.244878	30,556.88	12:11.0
0739_20081214_211453_raw	35,751	30,591	5,160	14.43316271	13,152.03	43:47.0
0740_20081214_215812_raw	1,807	1,534	273	15.10791367	736.54	02:31.0
0741_20081214_220017_raw	50,714	40,839	9,875	19.47194069	18,558.80	01:58.0
0742_20081214_230151_raw	38,744	31,657	7,087	18.29186455	18,346.00	58:18.0
0745_20081215_000009_raw	43,888	38,716	5,172	11.78454247	17,252.57	00:15.0
0746_20081215_010029_raw	42,817	36,710	6,107	14.26302637	1,528.02	05:16.0
0747_20081215_020526_raw	39,289	34,778	4,511	11.48158518	926.63	58:04.0
0748_20081215_030311_raw	82,106	72,756	9,350	11.38771832	3,179.25	03:30.0
0749_20081215_050635_raw	109,811	95,124	14,687	13.37479852	3,037.61	55:11.0
0750_20081215_080136_raw	36,036	32,449	3,587	9.953934954	1,016.26	02:37.0
0751_20081215_090353_raw	112,078	98,457	13,621	12.15314335	10,275.36	05:34.0
0752_20081215_120926_raw	75,829	65,335	10,494	13.83903256	2,619.32	51:53.0
0753_20081215_140102_raw	42,137	36,568	5,569	13.21641313	996.50	02:40.0
0754_20081215_150353_raw	187,950	144,538	43,412	23.09763235	23,843.73	59:49.0
0755_20081215_190353_raw	176,514	146,349	30,165	17.08929603	19,386.41	57:00.0
0756_20081215_220041_raw	127,964	99,566	28,398	22.19217905	2,926.72	06:55.0
0757_20081216_000711_raw	124,325	95,844	28,481	22.90850593	4,093.02	01:45.0
0758_20081216_020846_raw	69,106	53,828	15,278	22.10806587	19,342.86	00:37.0
0759_20081216_030907_raw	141,736	106,362	35,374	24.95766778	37,962.76	52:17.0
0760_20081216_050110_raw	32,247	25,495	6,752	20.93838186	8,280.52	25:48.0
0761_20081216_052648_raw	106,529	81,707	24,822	23.30069746	29,647.53	32:05.0
0762_20081216_065903_raw	71,190	53,489	17,701	24.86444725	20,069.34	02:09.0
0763_20081216_080123_raw	69,657	53,911	15,746	22.60505046	19,544.64	58:46.0
0764_20081216_090002_raw	77,223	57,930	19,293	24.98348937	20,808.87	00:12.0
0765_20081216_100007_raw	91,281	65,796	25,485	27.91928222	20,264.34	00:13.0
0766_20081216_110013_raw	110,896	78,748	32,148	28.98932333	19,659.61	00:19.0
0767_20081216_120026_raw	6,496	4,686	1,810	27.86330049	1,550.80	04:46.0
0768_20081216_120500_raw	111,987	77,317	34,670	30.95895059	16,658.22	55:12.0
0769_20081216_130002_raw	128,888	85,471	43,417	33.68583576	16,255.45	00:20.1
0674_20081212_000035_raw	68,456	47,164	21,292	31.10319037	16,761.23	59:09.0
0675_20081212_005919_raw	74,555	51,275	23,280	31.22526993	19,166.93	05:47.0
0676_20081212_020440_raw	62,113	38,045	24,068	38.74873215	15,973.01	56:23.0
0677_20081212_030051_raw	74,129	40,798	33,331	44.96350956	17,253.96	00:08.0
0678_20081212_040048_raw	59,833	36,760	23,073	38.56233182	17,975.52	59:28.0
0679_20081212_050001_raw	115,194	80,809	34,385	29.84964495	31,799.49	37:00.0
0680_20081212_063655_raw	32,188	19,884	12,304	38.22542562	6,723.13	23:13.0
0681_20081212_070001_raw	83,311	47,715	35,596	42.72665074	16,043.72	00:30.0
0682_20081212_080027_raw	102,732	50,311	52,421	51.02694389	15,963.68	01:11.0
0683_20081212_090134_raw	86,146	54,106	32,040	37.1926729	15,347.11	58:42.0
0684_20081212_100001_raw	91,500	55,594	35,906	39.24153005	9,264.81	04:44.0
0685_20081212_110443_raw	250,586	146,606	103,980	41.49473634	4,894.30	55:59.0
0686_20081212_140035_raw	171,663	97,977	73,686	42.92480034	10,478.26	00:41.0
0687_20081212_160103_raw	85,406	45,467	39,939	46.76369342	16,943.95	00:17.0
0688_20081212_170109_raw	67,768	41,751	26,017	38.39127612	13,395.23	47:17.0
0689_20081212_174812_raw	14,375	8,992	5,383	37.44695652	3,297.54	12:06.0
0690_20081212_180009_raw	77,847	53,733	24,114	30.97614552	17,662.13	59:05.0
0691_20081212_185902_raw	62,987	46,903	16,084	25.53542795	18,718.58	00:59.0
0692_20081212_195950_raw	64,657	38,503	26,154	40.4503766	15,648.60	00:42.0
0693_20081212_210018_raw	78,319	44,032	34,287	43.77864886	16,877.81	07:34.0

0694_20081212_220732_raw	57,701	33,629	24,072	41.71851441	13,155.74	54:00.0
0695_20081212_230118_raw	78,958	42,932	36,026	45.62678893	15,696.74	05:17.0
0696_20081213_000623_raw	58,859	33,674	25,185	42.78869841	12,064.64	52:55.0
0697_20081213_005900_raw	88,244	57,516	30,728	34.82163093	21,142.24	23:23.0
0698_20081213_022206_raw	42,257	24,869	17,388	41.14821213	9,711.80	38:13.0
0699_20081213_030001_raw	71,423	56,212	15,211	21.29706117	17,284.86	00:19.0
0700_20081213_040015_raw	64,546	54,126	10,420	16.14352555	19,047.56	00:48.0
0701_20081213_050052_raw	57,395	48,080	9,315	16.22963673	18,904.28	59:19.0
0702_20081213_060001_raw	58,969	48,550	10,419	17.66860554	20,121.39	00:02.0
0703_20081213_070001_raw	65,451	53,564	11,887	18.1616782	19,168.24	00:10.0
0704_20081213_080000_raw	61,763	49,737	12,026	19.47120444	18,367.58	00:02.0
0705_20081213_090000_raw	66,208	44,019	22,189	33.51407685	16,791.20	00:01.0
0706_20081213_100001_raw	75,417	47,959	27,458	36.40823687	17,967.39	03:31.1
0707_20081213_110332_raw	60,143	43,226	16,917	28.12796169	16,512.78	56:32.0
0708_20081213_120001_raw	64,908	49,019	15,889	24.47926296	16,936.48	00:00.0
0709_20081213_130000_raw	69,317	53,102	16,215	23.39252997	17,198.24	00:03.0
0710_20081213_140000_raw	80,974	65,019	15,955	19.70385556	17,316.19	00:17.0
0711_20081213_150001_raw	84,681	69,657	15,024	17.74187834	19,787.04	01:13.0
0712_20081213_160100_raw	1,505	1,299	206	13.68770764	526.0434	01:36.0
0713_20081213_160213_raw	76,270	64,074	12,196	15.99055985	19,870.68	57:52.0
0714_20081213_165956_raw	77,303	65,383	11,920	15.4198414	21,011.80	01:53.0
0715_20081213_180135_raw	71,255	53,227	18,028	25.30068065	17,440.53	53:40.0
0716_20081213_185502_raw	81,267	63,214	18,053	22.21442898	21,219.13	05:36.0
0717_20081213_200025_raw	70,326	55,731	14,595	20.75334869	18,312.55	59:57.0
0718_20081213_210002_raw	1,306	1,112	194	14.85451761	352.6299	01:13.0
0719_20081213_210104_raw	79,977	64,419	15,558	19.45309276	17,788.55	58:55.0
0720_20081213_215939_raw	88,703	71,322	17,381	19.59460221	19,358.20	00:25.0
0721_20081213_225953_raw	84,821	68,343	16,478	19.42679289	18,409.50	58:11.0
0722_20081213_235749_raw	91,716	78,045	13,671	14.90579615	19,429.80	03:23.0
0723_20081214_010100_raw	95,682	83,900	11,782	12.31370582	20,042.68	03:54.0
0724_20081214_020440_raw	78,347	64,601	13,746	17.54502406	18,836.87	55:35.0
0725_20081214_030001_raw	62,154	53,101	9,053	14.56543424	19,896.39	00:19.0
0726_20081214_040001_raw	55,029	46,189	8,840	16.06425703	20,588.65	00:44.0
0727_20081214_050023_raw	53,929	46,022	7,907	14.66187024	20,390.28	00:36.0
0728_20081214_060052_raw	56,726	47,117	9,609	16.93932236	19,238.44	59:18.9
0729_20081214_070001_raw	60,703	50,331	10,372	17.08647019	19,049.97	01:38.0
0730_20081214_080132_raw	58,181	51,060	7,121	12.23939087	17,459.02	00:16.0
0731_20081214_090138_raw	54,037	48,651	5,386	9.967244666	17,639.89	59:42.0
0732_20081214_100108_raw	48,320	41,646	6,674	13.81208609	18,091.69	00:24.0
0733_20081214_110126_raw	47,846	38,626	9,220	19.27015842	10,788.97	07:51.0
0734_20081214_120904_raw	93,437	74,979	18,458	19.75448698	1,499.64	13:35.0
0735_20081214_142228_raw	85,903	68,206	17,697	20.60114315	1,435.93	59:49.0
0736_20081214_162200_raw	79,032	67,022	12,010	15.19637615	1,114.09	40:50.0
0737_20081214_180235_raw	46,445	40,360	6,085	13.10151792	544.2603	00:46.0
0738_20081214_190255_raw	109,381	91,407	17,974	16.43246999	30,695.45	12:11.0
0739_20081214_211453_raw	35,751	30,509	5,242	14.66252692	13,210.23	43:47.0
0740_20081214_215812_raw	1,807	1,534	273	15.10791367	739.7752	02:31.0
0741_20081214_220017_raw	50,714	40,704	10,010	19.73813937	18,639.66	01:58.0
0742_20081214_230151_raw	38,744	31,297	7,447	19.22104068	18,424.39	58:18.0
0745_20081215_000009_raw	43,888	38,159	5,729	13.0536821	17,322.37	00:15.0
0746_20081215_010029_raw	42,817	35,165	7,652	17.87140622	1,535.88	05:16.0
0747_20081215_020526_raw	39,289	33,132	6,157	15.67105297	930.7348	58:04.0

0748_20081215_030311_raw	82,106	69,866	12,240	14.90755852	3,191.81	03:30.0
0749_20081215_050635_raw	109,811	89,405	20,406	18.58283778	3,050.23	55:11.0
0750_20081215_080136_raw	36,036	30,685	5,351	14.84903985	1,021.24	02:37.0
0751_20081215_090353_raw	112,078	92,882	19,196	17.12735773	10,315.01	05:34.0
0752_20081215_120926_raw	75,829	61,026	14,803	19.52155508	2,630.38	51:53.0
0753_20081215_140102_raw	42,137	33,517	8,620	20.45708048	1,001.59	02:40.0
0754_20081215_150353_raw	187,950	132,443	55,507	29.53285448	23,933.08	59:49.0
0755_20081215_190353_raw	176,514	133,145	43,369	24.56972251	19,457.59	57:00.0
0756_20081215_220041_raw	127,964	87,633	40,331	31.51745804	2,940.71	06:55.0
0757_20081216_000711_raw	124,325	86,176	38,149	30.68489845	4,109.18	01:45.0
0758_20081216_020846_raw	69,106	48,277	20,829	30.14065349	19,411.55	00:37.0
0759_20081216_030907_raw	141,736	102,186	39,550	27.90399052	38,088.57	52:17.0
0760_20081216_050110_raw	32,247	24,471	7,776	24.11387106	8,306.59	25:48.0
0761_20081216_052648_raw	106,529	75,983	30,546	28.67388223	29,736.38	32:05.0
0762_20081216_065903_raw	71,190	50,553	20,637	28.988622	20,125.42	02:09.0
0763_20081216_080123_raw	69,657	49,720	19,937	28.62167478	19,595.70	58:46.0
0764_20081216_090002_raw	77,223	55,054	22,169	28.70776841	20,858.96	00:12.0
0765_20081216_100007_raw	91,281	60,514	30,767	33.70580953	20,308.50	00:13.0
0766_20081216_110013_raw	110,896	74,348	36,548	32.95700476	19,699.20	00:19.0
0767_20081216_120026_raw	6,496	4,162	2,334	35.92980296	1,553.80	04:46.0
0768_20081216_120500_raw	111,987	76,901	35,086	31.33042228	16,689.41	55:12.0
0830_20081221_140018_raw	214,422	196,791	17,631	8.222570445	38,930.07	59:56.0
0831_20081221_160000_raw	207,757	187,619	20,138	9.693054867	37,489.62	00:23.9
0832_20081221_180001_raw	40,051	33,708	6,343	15.83730743	7,571.46	25:36.0
0833_20081221_182516_raw	143,555	126,171	17,384	12.10964439	29,687.22	35:15.0
0834_20081221_200008_raw	170,260	145,004	25,256	14.83378363	38,887.91	01:12.0
0835_20081221_220109_raw	164,602	134,510	30,092	18.28167337	35,762.39	59:52.0
0836_20081222_000035_raw	83,775	64,962	18,813	22.45658013	22,272.59	10:13.0
0837_20081222_011049_raw	3,150	2,580	570	18.0952381	605.1767	01:55.0
0838_20081222_011306_raw	93,442	77,300	16,142	17.2748871	18,024.28	02:53.0
0839_20081222_021601_raw	18,579	14,602	3,977	21.40588837	3,881.48	14:08.0
0840_20081222_023246_raw	90,415	71,988	18,427	20.38046784	25,060.48	28:04.0
0841_20081222_040050_raw	90,423	78,530	11,893	13.1526271	34,225.14	59:10.0
0842_20081222_055935_raw	75,297	61,600	13,697	18.19063176	32,604.80	04:30.0
0843_20081222_080353_raw	70,407	56,930	13,477	19.14156263	31,951.50	57:15.0
0844_20081222_100050_raw	141,697	132,575	9,122	6.437680403	65,590.40	35:46.0
0845_20081222_133618_raw	61,527	55,970	5,557	9.031807174	44,665.92	14:32.0
0846_20081222_155020_raw	4,667	4,001	666	14.27040926	3,727.75	11:36.0
0847_20081222_160119_raw	54,292	49,881	4,411	8.124585574	39,341.62	59:08.0
0848_20081222_180006_raw	55,862	49,908	5,954	10.65840822	40,659.69	00:49.0
0849_20081222_200039_raw	41,716	38,354	3,362	8.059257839	28,229.45	24:30.0
1082_20090110_160847_raw	24,027	22,412	1,615	6.721604861	804.3499	50:46.0
1083_20090110_165934_raw	93,421	79,814	13,607	14.56524764	36,161.36	21:47.0
1084_20090110_192112_raw	56,281	47,309	8,972	15.94143672	24,082.57	35:12.0
1085_20090110_205606_raw	40,791	32,700	8,091	19.83525778	16,789.43	07:14.9
1086_20090110_220252_raw	84,504	76,028	8,476	10.03029442	33,379.14	57:31.1
1087_20090111_000015_raw	97,900	84,751	13,149	13.43105209	34,676.35	01:13.0
1088_20090111_020109_raw	123,196	109,105	14,091	11.43787136	36,039.35	59:00.0
1089_20090111_040000_raw	373	352	21	5.63002681	183.247	35.998
1090_20090111_040101_raw	13,708	12,348	1,360	9.92121389	3,030.00	09:42.0
1091_20090111_041057_raw	286,298	229,284	57,014	19.91421526	49,286.72	44:10.0
1092_20090111_065514_raw	101,793	79,732	22,061	21.67241362	12,993.01	43:34.9

1093_20090111_073852_raw	131,067	103,663	27,404	20.90839037	15,809.32	54:00.0
1094_20090111_083255_raw	199,213	165,216	33,997	17.06565335	25,513.70	27:18.0
1095_20090111_100001_raw	163,806	143,695	20,111	12.27732806	27,436.19	23:37.0
1096_20090111_112338_raw	764	728	36	4.712041885	170.7105	30.011
1097_20090111_112424_raw	2,101	1,976	125	5.949547834	388.7778	01:08.0
1098_20090111_112546_raw	190,870	180,182	10,688	5.59962278	31,887.04	38:13.0
1099_20090111_130402_raw	116,219	100,722	15,497	13.3343085	18,458.34	00:50.0
1100_20090111_140431_raw	122,083	105,525	16,558	13.56290393	18,442.39	00:14.0
1101_20090111_150431_raw	104,792	92,050	12,742	12.15932514	17,313.66	56:04.0
1102_20090111_160021_raw	105,294	91,337	13,957	13.25526621	19,965.97	00:19.0
1103_20090111_170021_raw	103,036	85,110	17,926	17.39780271	20,195.30	00:25.0
1104_20090111_180021_raw	104,122	89,773	14,349	13.78094927	20,381.10	00:25.0
1105_20090111_190021_raw	105,307	89,190	16,117	15.30477556	19,492.92	00:20.0
1106_20090111_200021_raw	94,081	76,007	18,074	19.21110532	19,688.98	00:12.0
1107_20090111_210021_raw	59,096	51,199	7,897	13.36300257	13,441.24	39:28.0
1108_20090111_213952_raw	9,652	8,458	1,194	12.37049316	2,078.50	06:11.0
1110_20090111_214626_raw	95,956	84,067	11,889	12.39005377	19,682.56	59:59.0
1111_20090111_224626_raw	88,152	76,573	11,579	13.13526636	19,635.52	00:14.0
1112_20090111_234626_raw	125,884	107,465	18,419	14.63172444	24,970.20	22:30.0
1113_20090112_010843_raw	91,378	76,081	15,297	16.74035326	19,119.23	00:21.0
1114_20090112_020843_raw	95,479	76,000	19,479	20.4013448	20,656.82	00:08.0
1115_20090112_030843_raw	99,047	77,090	21,957	22.16826355	18,651.80	59:59.0
1116_20090112_040843_raw	58,052	50,204	7,848	13.51891408	9,946.93	37:13.9
1117_20090112_044617_raw	102,969	82,560	20,409	19.82052851	17,351.10	59:55.0
1118_20090112_054617_raw	102,654	84,601	18,053	17.58626064	19,760.77	00:09.1
1119_20090112_064617_raw	101,520	81,886	19,634	19.34003152	20,393.08	00:20.0
1120_20090112_074617_raw	103,840	84,841	18,999	18.29641757	20,816.48	00:13.0
1121_20090112_084617_raw	109,709	92,793	16,916	15.41897201	21,290.27	00:10.0
1122_20090112_094617_raw	103,445	95,480	7,965	7.699743825	21,001.74	00:14.0
1123_20090112_104617_raw	97,861	87,683	10,178	10.40046597	20,288.80	00:25.0
1124_20090112_114618_raw	88,636	74,118	14,518	16.37934925	19,469.47	59:38.0
1125_20090112_124544_raw	90,668	73,580	17,088	18.84678166	19,288.73	00:09.0
1126_20090112_134544_raw	94,296	76,641	17,655	18.7229575	19,626.68	00:13.0
1127_20090112_144544_raw	88,857	71,520	17,337	19.51112462	19,804.05	00:08.0
1128_20090112_154544_raw	104,321	85,725	18,596	17.82574937	25,558.97	14:43.0
1129_20090112_170018_raw	68,677	61,772	6,905	10.05431222	19,930.69	00:28.0
1130_20090112_180035_raw	70,198	64,593	5,605	7.984557965	19,421.77	00:09.0
1131_20090112_190035_raw	62,826	53,607	9,219	14.67386114	19,899.13	00:08.0
1132_20090112_200035_raw	53,350	43,831	9,519	17.8425492	20,440.56	00:09.0
1133_20090112_210035_raw	52,807	45,277	7,530	14.25947318	20,238.05	00:21.0
1134_20090112_220035_raw	22,516	20,432	2,084	9.255640433	7,705.59	23:03.0
1135_20090112_222449_raw	764	702	62	8.115183246	291.147	52.001
1136_20090112_222532_raw	382	354	28	7.329842932	225.1568	39.995
1137_20090112_222615_raw	66,047	57,789	8,258	12.50321741	19,804.35	59:43.0
1138_20090112_232615_raw	68,675	61,282	7,393	10.7651984	19,768.63	00:13.0
1139_20090113_002616_raw	32,570	25,602	6,968	21.39392079	8,700.01	26:26.0
1140_20090113_005246_raw	80,114	72,555	7,559	9.435304691	21,684.88	06:21.0
1141_20090113_015908_raw	152,020	136,245	15,775	10.37692409	42,296.53	04:45.0
1142_20090113_040345_raw	71,158	62,765	8,393	11.794879	20,878.11	00:50.0
1143_20090113_050422_raw	67,389	60,811	6,578	9.761236997	20,047.49	00:08.0
1144_20090113_060422_raw	67,975	57,976	9,999	14.70981979	19,793.34	00:19.0
1145_20090113_070422_raw	70,108	60,118	9,990	14.24944372	19,926.80	00:08.0

1146_20090113_080422_raw	68,211	62,441	5,770	8.459046195	20,328.45	00:14.0
1147_20090113_090423_raw	64,113	57,731	6,382	9.95429944	20,456.88	00:08.0
1148_20090113_100423_raw	63,144	57,660	5,484	8.68491068	20,613.11	00:18.0
1149_20090113_110423_raw	68,687	58,759	9,928	14.45397237	21,547.62	00:25.0
1150_20090113_120423_raw	67,977	58,207	9,770	14.37250835	22,241.79	00:08.0
1151_20090113_130423_raw	75,934	67,108	8,826	11.62325177	22,798.45	00:09.0
1152_20090113_140423_raw	91,789	79,254	12,535	13.65632047	22,683.02	00:08.0
1153_20090113_150423_raw	45,165	44,411	754	1.669434296	10,018.77	26:43.0
1154_20090113_153108_raw	2,674	2,615	59	2.206432311	566.9332	01:32.0
1155_20090113_153255_raw	17,707	17,389	318	1.795899927	3,696.94	09:57.0
1156_20090113_154303_raw	103,809	101,450	2,359	2.272442659	21,280.30	00:07.0
1157_20090113_164303_raw	98,326	97,020	1,306	1.328234648	18,695.47	00:08.0
1158_20090113_174303_raw	99,529	97,284	2,245	2.255623989	17,849.76	00:21.9
1159_20090113_184303_raw	110,307	108,556	1,751	1.587387926	19,248.85	00:23.0
1160_20090113_194303_raw	114,401	112,604	1,797	1.570790465	20,222.86	00:19.0
1161_20090113_204303_raw	118,688	116,835	1,853	1.561236182	19,464.32	00:13.0
1162_20090113_214303_raw	121,038	119,219	1,819	1.502833821	19,846.07	00:25.0
1163_20090113_224303_raw	136,343	130,349	5,994	4.396265301	19,987.85	00:20.0
1164_20090113_234304_raw	327,379	301,624	25,755	7.867028734	20,361.26	00:10.0
1165_20090114_004304_raw	512,346	465,339	47,007	9.174854493	20,064.91	59:59.0
1166_20090114_014304_raw	643,906	575,242	68,664	10.6636683	16,741.55	00:09.0
1167_20090114_024304_raw	264,098	238,688	25,410	9.621428409	6,688.83	21:52.0
1168_20090114_030438_raw	915,816	845,839	69,977	7.640945343	19,208.52	00:20.9
1169_20090114_040438_raw	819,443	707,508	111,935	13.65988849	18,336.00	00:08.0
1170_20090114_050438_raw	801,551	670,029	131,522	16.40843814	18,460.69	00:12.0

	No. of Soundings	Accepted Soundings	Rejected Soundings	% of Rejected Soundings	Distance (Km)
<b>Totals</b>	<b>40,816,394</b>	<b>33,720,915</b>	<b>7,095,479</b>	<b>8,264</b>	<b>8,735.97</b>

### Exmouth Sub-basin

Line	Total Depth	Accept Depth	Reject Depth	% Reject Depth	Length	TotalTime
0461_20081129_221324_raw	42,184	39,009	3,175	7.526550351	16,352.68	52:57.0
0462_20081129_230606_raw	42,679	38,218	4,461	10.45244734	18,119.18	00:12.0
0463_20081130_000605_raw	35,631	32,693	2,938	8.245628806	18,849.26	54:31.0
0464_20081130_010022_raw	38,489	35,860	2,629	6.830523007	22,667.59	04:30.0
0465_20081130_020425_raw	43,123	39,634	3,489	8.090810009	26,736.91	12:52.0
0466_20081130_031715_raw	27,504	25,582	1,922	6.988074462	14,884.94	46:05.0
0467_20081130_040310_raw	34,685	32,520	2,165	6.241891307	18,688.02	59:14.0
0468_20081130_050206_raw	33,833	31,615	2,218	6.555729613	19,106.85	58:15.0
0469_20081130_060003_raw	33,076	30,779	2,297	6.944612408	19,320.16	00:11.0
0470_20081130_070001_raw	33,554	31,538	2,016	6.008225547	19,166.75	00:23.0
0471_20081130_080002_raw	30,199	27,842	2,357	7.804894202	19,344.62	00:05.0
0472_20081130_090000_raw	31,314	28,560	2,754	8.794788274	19,210.64	00:13.0
0473_20081130_100004_raw	33,327	30,558	2,769	8.30857863	19,198.13	01:27.0
0474_20081130_110118_raw	36,011	32,521	3,490	9.691483158	19,083.83	00:47.0
0475_20081130_120151_raw	32,520	28,809	3,711	11.41143911	19,021.16	58:14.0
0476_20081130_130001_raw	37,466	33,328	4,138	11.04468051	19,854.29	00:31.0
0477_20081130_140029_raw	34,675	32,092	2,583	7.449170872	19,646.67	59:37.0
0478_20081130_150000_raw	37,173	33,876	3,297	8.86934065	21,930.28	05:54.0

0479_20081130_160536_raw	31,556	28,556	3,000	9.506908353	17,792.20	54:35.0
0480_20081130_165958_raw	41,099	36,104	4,995	12.15358038	18,260.69	59:24.0
0481_20081130_175911_raw	45,765	40,217	5,548	12.12280127	20,554.18	00:25.0
0482_20081130_185912_raw	75,818	66,236	9,582	12.6381598	42,240.76	04:12.0
0483_20081130_210307_raw	39,914	34,833	5,081	12.72986922	19,942.76	00:25.0
0484_20081130_220308_raw	36,735	31,956	4,779	13.00939159	19,692.36	59:13.0
0485_20081130_230151_raw	30,977	26,747	4,230	13.65529264	18,960.86	56:59.0
0486_20081130_235837_raw	35,438	31,692	3,746	10.57057396	20,645.03	59:51.0
0487_20081201_005803_raw	41,377	37,222	4,155	10.04181067	21,334.31	02:48.0
0488_20081201_020031_raw	41,176	36,353	4,823	11.71313386	22,862.43	12:45.0
0489_20081201_031252_raw	34,028	30,753	3,275	9.624426943	16,624.84	52:32.0
0490_20081201_040510_raw	39,514	34,256	5,258	13.30667611	18,222.56	54:56.0
0491_20081201_050001_raw	37,695	32,778	4,917	13.04417031	21,649.85	02:58.0
0492_20081201_060239_raw	37,242	32,586	4,656	12.50201386	19,946.80	57:25.0
0493_20081201_070001_raw	40,415	36,114	4,301	10.64208833	21,024.09	00:09.0
0494_20081201_080000_raw	42,621	40,032	2,589	6.074470332	19,748.86	00:23.0
0495_20081201_090023_raw	48,823	46,704	2,119	4.340167544	18,499.50	01:46.0
0496_20081201_100201_raw	50,845	46,277	4,568	8.984167568	18,140.37	58:13.0
0497_20081201_110004_raw	30,591	27,900	2,691	8.796704913	10,919.65	34:35.4
0498_20081201_113436_raw	382	332	50	13.08900524	236.8998	44:034
0499_20081201_114449_raw	99,963	98,454	1,509	1.509558537	24,074.72	16:08.0
0500_20081201_130106_raw	48,822	42,592	6,230	12.76064069	19,332.37	59:16.0
0501_20081201_140004_raw	46,260	41,956	4,304	9.303934284	19,505.40	00:26.0
0502_20081201_150022_raw	60,916	51,473	9,443	15.50167444	19,339.36	59:15.0
0503_20081201_155922_raw	61,463	51,551	9,912	16.12677546	19,871.44	00:13.0
0504_20081201_165915_raw	52,447	46,867	5,580	10.63931207	21,910.09	05:26.0
0505_20081201_180429_raw	73,412	64,158	9,254	12.60556857	23,494.71	07:36.0
0506_20081201_191148_raw	43,272	38,933	4,339	10.02726937	16,109.36	45:46.0
0507_20081201_195717_raw	63,409	57,627	5,782	9.118579381	19,884.57	02:30.0
0508_20081201_205934_raw	74,974	63,249	11,725	15.63875477	19,636.82	01:46.0
0509_20081201_220108_raw	57,901	50,555	7,346	12.68717293	19,608.35	59:58.0
0510_20081201_230050_raw	77,307	66,516	10,791	13.95863247	26,465.77	22:47.0
0511_20081202_002320_raw	44,953	37,537	7,416	16.49723044	11,827.55	38:00.0
0512_20081202_010111_raw	34,937	25,861	9,076	25.97818931	9,248.05	29:15.0
0513_20081202_013006_raw	38,629	34,303	4,326	11.19884025	10,799.69	33:34.0
0514_20081202_020324_raw	103,927	92,522	11,405	10.97404909	38,150.22	57:15.0
0515_20081202_040033_raw	54,554	51,641	2,913	5.339663453	19,016.15	00:22.0
0516_20081202_050038_raw	70,955	66,022	4,933	6.952293707	18,965.65	59:35.0
0517_20081202_060005_raw	83,452	77,276	6,176	7.400661458	20,204.93	01:19.0
0518_20081202_070116_raw	67,829	64,017	3,812	5.620015038	19,216.30	58:52.0
0519_20081202_080003_raw	17,037	16,371	666	3.909138933	5,276.50	15:50.0
0520_20081202_081534_raw	40,558	39,381	1,177	2.902016865	15,069.71	44:29.0
0521_20081202_090000_raw	54,939	52,040	2,899	5.276761499	21,919.90	04:41.0
0522_20081202_100442_raw	37,529	33,894	3,635	9.685842948	18,609.49	55:36.0
0523_20081202_110001_raw	17,393	15,700	1,693	9.733800954	2,790.31	32:27.1
0524_20081202_134301_raw	53,289	52,995	294	0.551708608	1,047.61	59:19.0
0525_20081202_144225_raw	138,996	137,873	1,123	0.807936919	5,558.67	41:41.0
0526_20081202_172408_raw	178,623	176,182	2,441	1.366565336	8,463.92	18:11.0
0527_20081202_204200_raw	26,350	25,935	415	1.574952562	1,380.72	31:32.0
0528_20081202_211323_raw	118,623	116,613	2,010	1.694443742	2,001.52	24:34.0
0529_20081202_233743_raw	184,294	183,242	1,052	0.570827048	4,333.70	31:41.0
0530_20081203_030918_raw	216,591	215,263	1,328	0.613137203	3,582.79	00:09.0
0531_20081203_070918_raw	137,898	134,858	3,040	2.204527984	1,700.88	17:31.0

0532_20081203_092648_raw	234,541	231,626	2,915	1.242853062	3,072.14	00:18.0
0533_20081203_132648_raw	229,400	226,934	2,466	1.074978204	11,776.88	00:10.0
0534_20081203_172648_raw	207,947	204,698	3,249	1.562417347	3,194.31	00:25.0
0535_20081203_212648_raw	210,090	207,475	2,615	1.24470465	2,761.69	00:28.0
0536_20081204_012648_raw	98,368	96,201	2,167	2.20295218	1,433.28	52:07.0
0537_20081204_031835_raw	142,921	136,546	6,375	4.460506154	9,142.38	54:26.0
0538_20081204_071251_raw	138,808	132,948	5,860	4.221658694	2,200.61	00:27.0
0539_20081204_111252_raw	10,243	9,768	475	4.637313287	433.8071	18:47.0
0540_20081204_113126_raw	92,112	86,920	5,192	5.636616293	29,603.87	35:04.0
0541_20081204_140615_raw	53,750	51,204	2,546	4.736744186	1,831.00	57:47.0
0542_20081204_160345_raw	74,777	63,040	11,737	15.69600278	2,729.10	33:41.0
0543_20081204_183724_raw	41,222	37,217	4,005	9.715685799	27,537.76	23:56.0
0544_20081204_200147_raw	36,770	33,557	3,213	8.738101713	20,226.09	02:19.0
0545_20081204_210352_raw	8,894	7,667	1,227	13.7958174	6,453.12	19:54.0
0546_20081204_212316_raw	19,517	16,740	2,777	14.2286212	9,269.92	38:01.0
0547_20081204_220055_raw	10,316	8,902	1,414	13.70686313	1,358.18	19:38.0
0548_20081204_222023_raw	134,267	119,164	15,103	11.2484825	3,089.98	00:19.0
0549_20081205_022024_raw	53,004	46,295	6,709	12.65753528	952.5438	47:40.0
0550_20081205_040751_raw	30,927	26,829	4,098	13.25055777	998.3791	59:57.0
0551_20081205_050731_raw	94,398	87,047	7,351	7.787241255	3,097.50	08:05.9
0552_20081205_081528_raw	28,113	25,098	3,015	10.72457582	14,422.96	47:59.0
0553_20081205_090316_raw	33,723	31,851	1,872	5.551107553	18,227.65	57:03.0
0554_20081205_100001_raw	42,376	38,556	3,820	9.01453653	12,527.24	01:11.0
0555_20081205_110058_raw	90,870	84,223	6,647	7.314845384	1,647.36	01:05.0
0556_20081205_130205_raw	163,826	150,842	12,984	7.925481914	3,470.52	00:17.0
0557_20081205_170205_raw	8,414	8,175	239	2.840503922	130.5654	13:20.0
0558_20081205_171512_raw	144,192	119,605	24,587	17.05157013	34,011.07	46:33.0
0559_20081205_200128_raw	49,734	43,341	6,393	12.85438533	18,526.59	00:31.0
0560_20081205_210149_raw	65,577	49,964	15,613	23.80865242	18,369.12	59:06.0
0561_20081205_220046_raw	57,013	48,206	8,807	15.44735411	18,948.81	01:10.0
0562_20081205_230143_raw	48,704	42,575	6,129	12.584182	21,190.52	04:08.9
0563_20081206_000516_raw	34,598	31,465	3,133	9.05543673	18,264.74	53:19.0
0564_20081206_005816_raw	30,189	26,319	3,870	12.8192388	20,591.38	59:43.0
0565_20081206_015743_raw	35,590	30,972	4,618	12.97555493	20,933.88	02:45.0
0566_20081206_030001_raw	36,902	32,482	4,420	11.97767059	18,047.28	00:12.0
0567_20081206_040005_raw	34,736	31,201	3,535	10.17676186	20,951.26	00:15.0
0568_20081206_050001_raw	34,421	30,635	3,786	10.99909939	21,638.10	00:11.0
0569_20081206_060002_raw	37,931	34,113	3,818	10.06564551	24,085.34	06:37.0
0570_20081206_070632_raw	31,978	28,925	3,053	9.547188692	18,641.87	53:36.0
0571_20081206_080000_raw	38,952	34,978	3,974	10.20230027	20,615.93	01:35.0
0572_20081206_090119_raw	34,062	28,476	5,586	16.39950678	19,650.70	59:15.9
0573_20081206_100027_raw	34,440	30,309	4,131	11.99477352	19,514.13	00:06.1
0574_20081206_110031_raw	35,736	30,396	5,340	14.94291471	19,913.12	02:09.0
0575_20081206_120238_raw	34,044	30,348	3,696	10.8565386	18,189.56	57:35.0
0586_20081206_215429_raw	44,650	41,877	2,773	6.210526316	21,537.23	05:12.0
0587_20081206_225917_raw	40,094	36,968	3,126	7.796677807	17,892.93	59:39.0
0588_20081206_235838_raw	41,826	39,165	2,661	6.362071439	20,495.48	03:43.0
0589_20081207_010201_raw	41,300	38,186	3,114	7.539951574	20,019.84	02:59.0
0590_20081207_020452_raw	36,351	33,845	2,506	6.893895629	17,861.47	56:59.0
0591_20081207_030143_raw	40,277	37,088	3,189	7.917670134	20,716.48	06:16.0
0592_20081207_040746_raw	29,235	26,321	2,914	9.967504703	15,876.68	52:32.0
0593_20081207_050003_raw	33,867	30,497	3,370	9.950689462	18,584.24	00:15.0



0594_20081207_060002_raw	34,533	30,826	3,707	10.7346596	18,563.09	00:14.0
0595_20081207_070001_raw	37,829	34,889	2,940	7.771815274	18,576.20	00:11.0
0596_20081207_080000_raw	37,393	34,101	3,292	8.803786805	18,466.94	00:11.0
0597_20081207_090003_raw	37,718	34,914	2,804	7.434116337	18,971.17	00:38.0
0598_20081207_100028_raw	38,993	34,767	4,226	10.83784269	19,650.27	59:33.0
0599_20081207_105953_raw	46,754	41,574	5,180	11.07926595	21,808.84	04:57.0
0600_20081207_120444_raw	37,842	33,143	4,699	12.4174198	17,538.34	55:24.0
0601_20081207_130001_raw	39,769	34,526	5,243	13.18363549	18,101.04	00:06.0
0602_20081207_140000_raw	40,204	33,627	6,577	16.35906875	17,897.42	00:11.0
0603_20081207_150001_raw	56,499	48,602	7,897	13.97723854	23,372.22	12:45.0
0604_20081207_161224_raw	40,097	35,150	4,947	12.33758137	15,738.81	47:32.0
0605_20081207_165937_raw	53,447	46,971	6,476	12.11667633	20,189.58	00:26.0
0606_20081207_175948_raw	58,019	52,628	5,391	9.291783726	20,293.44	59:51.0
0607_20081207_185931_raw	52,705	46,917	5,788	10.98188028	19,694.56	02:20.0
0609_20081207_210245_raw	40,289	35,027	5,262	13.0606369	18,580.83	56:58.0
0608_20081207_200135_raw	53,742	49,027	4,715	8.773398831	19,147.66	01:21.0
0610_20081207_215935_raw	50,605	45,122	5,483	10.83489774	20,465.51	01:17.1
0611_20081207_230043_raw	56,185	50,496	5,689	10.12547833	19,096.41	58:20.0
0612_20081207_235847_raw	55,217	46,675	8,542	15.46987341	19,916.33	00:37.0
0613_20081208_005911_raw	2,189	1,822	367	16.76564641	944.995	02:53.0
0614_20081208_010136_raw	63,465	54,985	8,480	13.36169542	22,107.57	07:02.0
0615_20081208_020820_raw	48,205	41,259	6,946	14.40929364	17,486.11	51:59.0
0616_20081208_030000_raw	57,628	49,613	8,015	13.90816964	20,967.07	01:30.0
0617_20081208_040128_raw	53,107	46,771	6,336	11.93063061	18,611.73	58:32.0
0618_20081208_050001_raw	53,009	48,800	4,209	7.940161105	21,193.06	06:30.0
0619_20081208_060627_raw	44,875	40,534	4,341	9.673537604	17,237.40	53:33.0
0620_20081208_070001_raw	50,830	43,411	7,419	14.59571119	18,923.12	01:14.0
0621_20081208_080103_raw	49,888	43,732	6,156	12.3396408	18,512.84	59:13.0
0622_20081208_090004_raw	52,482	45,822	6,660	12.69006517	18,730.38	00:14.9
0623_20081208_095959_raw	52,481	46,655	5,826	11.10116042	18,865.77	00:20.1
0624_20081208_110011_raw	53,165	46,621	6,544	12.30884981	19,427.95	00:01.0
0625_20081208_120001_raw	47,698	41,692	6,006	12.59172292	18,893.05	59:59.0
0626_20081208_130000_raw	42,204	38,310	3,894	9.226613591	18,753.33	00:05.0
0627_20081208_140000_raw	43,091	39,731	3,360	7.797451904	19,347.20	00:18.0
0628_20081208_150017_raw	45,579	42,134	3,445	7.55830536	20,063.65	00:55.0
0629_20081208_160054_raw	44,557	39,416	5,141	11.53802994	20,110.00	59:49.0
0630_20081208_170020_raw	44,511	40,479	4,032	9.058434994	18,656.02	58:35.0
0631_20081208_175847_raw	51,864	41,598	10,266	19.79407682	17,774.47	00:10.0
0632_20081208_185842_raw	58,132	46,393	11,739	20.1936971	17,646.57	00:30.0
0633_20081208_195858_raw	60,134	49,858	10,276	17.08850234	18,422.92	01:25.0
0634_20081208_210009_raw	98,996	80,942	18,054	18.23710049	37,512.64	02:35.0
0635_20081208_230229_raw	40,061	34,968	5,093	12.7131125	18,429.30	56:45.0
0636_20081208_235847_raw	29,562	25,499	4,063	13.74399567	13,104.00	48:31.0
0637_20081209_004710_raw	118,313	107,639	10,674	9.02183192	4,637.73	05:04.0
0638_20081209_035203_raw	77,819	71,254	6,565	8.436243077	1,466.04	56:07.0
0639_20081209_054753_raw	154,177	136,956	17,221	11.16962971	3,988.15	00:26.0
0640_20081209_094753_raw	44,377	40,417	3,960	8.923541474	5,414.90	13:29.0
0641_20081209_110100_raw	103,107	89,481	13,626	13.2153976	6,406.30	28:58.0
0642_20081209_132948_raw	169,600	143,455	26,145	15.41568396	5,900.43	00:11.0
0643_20081209_172948_raw	155,774	134,408	21,366	13.7160245	3,772.02	31:12.0
0644_20081209_210036_raw	60,100	48,072	12,028	20.01331115	15,571.24	04:30.0
0645_20081209_220508_raw	51,281	33,956	17,325	33.78444258	15,354.46	56:13.0

0646_20081209_230137_raw	67,203	39,637	27,566	41.01900213	16,352.02	59:34.0
0647_20081210_000051_raw	65,305	41,759	23,546	36.0554322	16,899.85	59:11.0
0648_20081210_005951_raw	69,803	43,948	25,855	37.0399553	17,896.68	01:55.0
0649_20081210_020135_raw	66,582	45,587	20,995	31.53254633	17,195.67	58:35.0
0650_20081210_030000_raw	60,847	43,557	17,290	28.41553404	14,634.44	50:03.1
0651_20081210_034948_raw	6,148	3,706	2,442	39.72023422	1,627.79	05:45.1
0652_20081210_040027_raw	76,166	59,911	16,255	21.34154347	17,136.70	59:32.0
0653_20081210_050002_raw	94,992	74,396	20,596	21.68182584	22,653.15	15:23.0
0654_20081210_061521_raw	47,707	42,768	4,939	10.35277842	13,836.29	44:57.0
0655_20081210_070000_raw	60,089	59,128	961	1.59929438	18,833.06	03:22.0
0656_20081210_080310_raw	46,761	43,854	2,907	6.216719061	17,221.35	57:02.1
0657_20081210_090005_raw	58,930	53,021	5,909	10.02715086	23,838.54	31:45.0
0658_20081210_103142_raw	149,323	134,181	15,142	10.14043382	9,386.04	28:31.1
0659_20081210_140004_raw	162,813	139,021	23,792	14.61308372	24,528.72	00:34.0
0660_20081210_180004_raw	3,315	2,934	381	11.49321267	209.6408	05:55.9
0661_20081210_180536_raw	117,126	105,250	11,876	10.13950788	3,284.85	55:33.0
0662_20081210_210047_raw	87,613	81,408	6,205	7.08228231	1,927.27	02:41.0
0663_20081210_230309_raw	157,175	144,426	12,749	8.111340862	14,469.95	20:10.0
0664_20081211_022254_raw	36,972	33,985	2,987	8.079086877	941.2935	49:06.0
0665_20081211_031157_raw	118,353	107,617	10,736	9.071168454	3,338.21	40:17.0
0666_20081211_055212_raw	192,649	179,061	13,588	7.053241906	8,322.01	00:11.9
0667_20081211_095212_raw	56,195	52,456	3,739	6.65361687	1,789.82	27:42.0
0668_20081211_111938_raw	140,032	122,342	17,690	12.63282678	16,723.76	49:15.0
0669_20081211_140840_raw	118,771	104,032	14,739	12.40959493	2,842.63	29:17.0
0670_20081211_163747_raw	177,835	158,909	18,926	10.64244946	3,681.28	29:37.0
0671_20081211_200715_raw	110,674	88,958	21,716	19.62159134	11,795.01	01:23.0
0672_20081211_220816_raw	63,105	41,836	21,269	33.70414389	14,452.15	56:20.0
0673_20081211_230418_raw	66,309	45,710	20,599	31.06516461	15,902.79	56:44.0
	<b>No. of Soundings</b>	<b>Accepted Soundings</b>	<b>Rejected Soundings</b>	<b>% of Rejected Soundings</b>	<b>Distance (Km)</b>	
<b>Totals</b>	<b>12,785,843</b>	<b>11,462,982</b>	<b>1,322,861</b>	<b>2,286</b>	<b>3,155.56</b>	

## Wallaby Plateau

Line	Total Depth	Accept Depth	Reject Depth	% Reject Depth	Length	TotalTime
0045_20081028_060044_raw	32,411	30,684	1,727	5.328437876	18,557.54	59:27.0
0046_20081028_065944_raw	34,642	31,300	3,342	9.647249004	18,339.50	58:40.0
0047_20081028_075752_raw	36,236	31,785	4,451	12.28336461	20,820.45	05:29.0
0048_20081028_090302_raw	33,331	28,286	5,045	15.13605952	20,864.48	03:09.9
0049_20081028_100559_raw	134,371	93,090	41,281	30.72165869	71,509.68	00:17.0
0050_20081028_140559_raw	19,038	10,881	8,157	42.84588717	7,057.25	24:48.0
0051_20081028_143023_raw	37,338	20,234	17,104	45.80855964	12,619.71	44:28.0
0052_20081028_151503_raw	35,887	23,966	11,921	33.21815699	14,352.66	50:40.9
0053_20081028_160539_raw	61,245	39,471	21,774	35.55228998	34,052.96	58:31.0
0054_20081028_180353_raw	62,807	39,239	23,568	37.52447976	36,351.37	10:21.1
0055_20081028_201351_raw	57,262	36,065	21,197	37.01756837	31,128.41	49:50.0
0056_20081028_220324_raw	80,673	64,502	16,171	20.04512042	33,795.83	59:55.0
0057_20081029_000251_raw	80,708	64,389	16,319	20.21980473	35,712.67	03:52.0
0058_20081029_020616_raw	34,363	28,267	6,096	17.74001106	18,191.19	01:16.0

0060_20081029_030940_raw	8,078	5,713	2,365	29.27704877	816.1044	19:59.0
0061_20081029_033118_raw	310	247	63	20.32258065	11.43423	35.997
0062_20081029_033220_raw	24,673	18,780	5,893	23.88440806	923.1668	40:17.0
0063_20081029_052724_raw	38,851	34,608	4,243	10.92121181	6,924.81	43:46.0
0064_20081029_061125_raw	116,734	91,227	25,507	21.85053198	37,227.93	54:02.0
0065_20081029_080530_raw	56,057	43,925	12,132	21.64225699	17,098.91	54:44.0
0066_20081029_090001_raw	86,891	70,172	16,719	19.24134836	26,444.41	22:41.9
0067_20081029_102241_raw	89,125	76,872	12,253	13.74810659	33,914.27	46:25.0
0068_20081029_120847_raw	90,585	84,006	6,579	7.262791853	37,069.51	59:26.0
0069_20081029_140746_raw	62,998	55,411	7,587	12.04323947	32,753.19	53:45.0
0070_20081029_160104_raw	15,353	13,538	1,815	11.82179379	7,837.66	26:51.0
0071_20081029_162736_raw	46,847	41,172	5,675	12.1139027	31,141.07	45:16.0
0072_20081029_181219_raw	54,267	48,968	5,299	9.764682035	32,701.06	47:24.0
0073_20081029_195911_raw	58,216	52,092	6,124	10.51944483	40,446.23	04:06.9
0074_20081029_220300_raw	49,395	40,360	9,035	18.29132503	35,353.59	53:33.0
0075_20081029_235602_raw	66,484	54,886	11,598	17.44479875	38,770.71	09:02.0
0076_20081030_020449_raw	78,576	70,720	7,856	9.997963755	32,749.11	45:37.0
0077_20081030_035009_raw	100,046	91,166	8,880	8.875917078	42,925.25	13:32.0
0078_20081030_060320_raw	90,866	82,686	8,180	9.002267075	39,012.46	58:49.0
0079_20081030_080152_raw	102,577	91,077	11,500	11.21109021	42,107.40	10:48.0
0850_20081222_212813_raw	15,085	12,834	2,251	14.92210805	10,978.69	34:01.0
0851_20081222_220212_raw	56,377	51,110	5,267	9.342462352	37,741.09	58:52.0
0852_20081223_000042_raw	4,937	4,699	238	4.820741341	3,088.83	10:06.0
0853_20081223_001145_raw	22,761	21,342	1,419	6.234348227	14,675.27	48:26.0
0854_20081223_010018_raw	29,509	28,060	1,449	4.910366329	18,174.04	00:15.0
0855_20081223_020024_raw	191	165	26	13.61256545	268.2167	52.995
0856_20081223_020049_raw	55,415	49,440	5,975	10.78227917	35,979.47	59:31.0
0857_20081223_040000_raw	54,111	49,438	4,673	8.635952025	35,739.18	00:22.0
0858_20081223_060000_raw	56,250	52,401	3,849	6.842666667	39,229.43	00:13.0
0859_20081223_075944_raw	57,669	52,867	4,802	8.326830706	40,461.93	00:36.0
0860_20081223_100001_raw	75,936	71,960	3,976	5.235988201	41,292.98	03:34.0
0861_20081223_120305_raw	33,741	29,073	4,668	13.83480039	21,326.20	07:10.0
0862_20081223_130959_raw	114,050	99,718	14,332	12.56641824	12,916.42	00:40.0
0863_20081223_170959_raw	113,265	91,017	22,248	19.64243147	5,619.37	00:21.0
0864_20081223_211000_raw	84,691	70,731	13,960	16.48345161	2,507.71	02:24.0
0865_20081224_001212_raw	15,959	14,662	1,297	8.127075631	9,894.39	34:14.0
0866_20081224_004627_raw	35,497	32,339	3,158	8.896526467	25,514.40	13:15.0
0867_20081224_020001_raw	61,958	57,220	4,738	7.647115788	41,195.91	00:14.0
0868_20081224_040000_raw	98,017	87,955	10,062	10.26556618	66,292.30	12:31.0
0869_20081224_071220_raw	32,422	26,828	5,594	17.25371661	20,554.08	04:03.1
0870_20081224_081604_raw	72,033	61,249	10,784	14.97091611	33,626.76	44:07.0
0871_20081224_100000_raw	114,127	104,676	9,451	8.281125413	38,483.94	01:35.0
0872_20081224_120123_raw	105,141	86,565	18,576	17.66770337	38,343.72	06:28.0
0873_20081224_140740_raw	90,941	75,481	15,460	17.00003299	31,354.01	52:33.0
0874_20081224_160001_raw	102,403	85,148	17,255	16.85009228	32,926.35	00:35.0
0875_20081224_180026_raw	78,776	67,769	11,007	13.9725297	31,985.02	59:54.0
0876_20081224_200001_raw	68,224	56,851	11,373	16.67008677	33,398.17	05:06.0
0877_20081224_220458_raw	73,739	60,849	12,890	17.48057337	31,425.57	55:39.0
0878_20081225_000027_raw	206,850	186,152	20,698	10.00628475	76,925.05	59:34.0
0879_20081225_040001_raw	107,148	100,935	6,213	5.798521671	38,470.15	53:40.0
0880_20081225_055454_raw	98,870	89,542	9,328	9.434611105	46,191.95	10:10.0
0881_20081225_080516_raw	104,055	95,816	8,239	7.917928019	40,639.71	55:00.0

0882_20081225_100001_raw	119,919	114,202	5,717	4.767384651	40,623.76	58:21.0
0883_20081225_115808_raw	107,799	97,323	10,476	9.718086439	40,206.70	02:58.0
0884_20081225_140046_raw	55,830	49,214	6,616	11.85025972	18,307.56	05:03.0
0885_20081225_150528_raw	100,606	80,877	19,729	19.61016242	18,652.78	43:16.0
0886_20081225_175120_raw	133,747	102,912	30,835	23.05472272	5,384.63	00:17.0
0887_20081225_215120_raw	1,296	1,017	279	21.52777778	38,274.27	02:34.0
0888_20081225_215323_raw	79,803	66,523	13,280	16.64097841	2,686.38	32:44.0
0890_20081226_002604_raw	130,173	102,957	27,216	20.90756148	6,064.40	59:51.0
0891_20081226_042604_raw	64,882	55,016	9,866	15.2060664	2,518.72	58:59.9
0892_20081226_062442_raw	95,042	78,055	16,987	17.87315082	23,225.36	43:43.1
0893_20081226_080811_raw	115,746	94,526	21,220	18.33324694	28,000.44	52:00.0
0894_20081226_100001_raw	134,863	108,725	26,138	19.38114976	30,766.98	02:43.0
0895_20081226_120230_raw	117,545	96,863	20,682	17.59496363	26,321.76	57:57.0
0896_20081226_140005_raw	3,424	2,968	456	13.31775701	830.0824	03:44.0
0897_20081226_140334_raw	84,866	67,676	17,190	20.25546155	24,097.69	56:57.0
0898_20081226_160018_raw	173,600	144,711	28,889	16.64112903	11,246.46	00:32.0
0899_20081226_200018_raw	108,246	100,129	8,117	7.498660459	2,426.28	27:45.0
0900_20081226_222745_raw	81,881	64,126	17,755	21.68390713	20,902.82	32:48.0
0901_20081227_000016_raw	102,748	73,178	29,570	28.77914899	26,398.37	00:01.0
0902_20081227_020002_raw	91,010	70,438	20,572	22.60410944	20,376.76	00:23.0
0903_20081227_040001_raw	103,715	78,548	25,167	24.26553536	21,571.56	06:09.9
0904_20081227_060559_raw	232,237	192,229	40,008	17.22722908	6,783.58	00:23.0
0905_20081227_100559_raw	103,531	88,230	15,301	14.77914827	4,844.23	49:26.0
0906_20081227_115500_raw	105,840	87,629	18,211	17.20616024	22,670.74	07:26.0
0907_20081227_140207_raw	98,725	77,093	21,632	21.91136997	18,737.40	03:03.0
0908_20081227_160450_raw	85,014	65,432	19,582	23.03385325	20,156.79	55:28.0
0909_20081227_180004_raw	85,854	68,565	17,289	20.13767559	28,624.25	04:41.0
0910_20081227_200423_raw	105,586	92,338	13,248	12.54711799	38,838.95	55:51.0
0911_20081227_220000_raw	109,996	100,158	9,838	8.943961599	40,404.65	00:13.0
0912_20081228_000004_raw	119,476	110,077	9,399	7.86685192	36,245.84	01:07.0
0913_20081228_020121_raw	110,008	100,142	9,866	8.968438659	37,906.37	58:53.0
0914_20081228_040000_raw	107,958	98,055	9,903	9.173011727	39,548.20	00:13.0
0915_20081228_060001_raw	120,619	113,391	7,228	5.992422421	39,637.44	03:26.0
0916_20081228_080307_raw	107,693	100,882	6,811	6.324459343	36,480.26	56:59.0
0917_20081228_095951_raw	98,593	91,390	7,203	7.3057925	37,716.15	01:39.0
0918_20081228_120106_raw	82,140	71,015	11,125	13.54394935	27,227.67	59:47.0
0919_20081228_140030_raw	95,720	80,040	15,680	16.38111158	22,469.17	59:51.0
0920_20081228_160001_raw	119,747	104,793	14,954	12.48799552	25,174.54	05:05.0
0921_20081228_180441_raw	98,784	82,527	16,257	16.45711856	27,771.68	56:22.0
0922_20081228_200052_raw	144,188	122,761	21,427	14.86045996	39,739.36	29:26.0
0923_20081228_222958_raw	82,542	73,874	8,668	10.50132054	23,685.77	30:11.1
0924_20081229_000001_raw	114,177	101,835	12,342	10.80953257	31,165.11	00:07.0
0925_20081229_020005_raw	105,603	91,243	14,360	13.59809854	29,994.71	00:14.0
0926_20081229_040000_raw	97,087	82,610	14,477	14.91136815	30,161.05	01:03.9
0927_20081229_060048_raw	107,204	89,393	17,811	16.61411888	29,470.62	59:47.0
0928_20081229_080016_raw	105,193	92,052	13,141	12.4922761	33,271.42	59:56.0
0929_20081229_100001_raw	119,866	107,931	11,935	9.95695193	43,517.73	12:32.0
0930_20081229_121212_raw	102,045	96,259	5,786	5.670047528	32,247.94	48:16.0
0931_20081229_140007_raw	124,043	120,487	3,556	2.866747821	35,557.56	00:11.0
0932_20081229_160001_raw	121,372	115,866	5,506	4.536466401	37,250.52	00:27.0
0933_20081229_180015_raw	106,870	96,934	9,936	9.297277066	37,895.98	00:07.0
0934_20081229_200007_raw	64,398	50,253	14,145	21.96496786	13,965.22	16:10.0

0935_20081229_211552_raw	232,630	219,994	12,636	5.431801573	6,277.00	00:27.0
0936_20081230_011552_raw	25,811	24,546	1,265	4.901011197	351.9127	26:55.0
0937_20081230_014300_raw	149,011	138,033	10,978	7.367241345	3,585.46	30:58.0
0938_20081230_041404_raw	94,576	83,562	11,014	11.64566063	32,056.07	38:52.0
0939_20081230_055240_raw	126,935	115,968	10,967	8.639855044	46,535.51	20:09.1
0940_20081230_081233_raw	86,394	74,845	11,549	13.36782647	36,039.49	47:49.0
0941_20081230_100001_raw	86,212	77,213	8,999	10.43822206	39,203.97	01:26.0
0942_20081230_120114_raw	113,303	105,521	7,782	6.868308871	38,154.45	03:21.0
0943_20081230_140424_raw	87,100	75,366	11,734	13.47187141	31,825.83	43:37.0
0944_20081230_154741_raw	10,120	8,438	1,682	16.62055336	3,982.22	12:42.0
0945_20081230_160003_raw	107,333	89,513	17,820	16.60253603	38,383.65	01:32.0
0946_20081230_180118_raw	105,711	83,836	21,875	20.69321073	39,630.56	59:00.0
0947_20081230_200003_raw	105,788	82,865	22,923	21.66880932	41,266.47	00:10.0
0948_20081230_220001_raw	102,577	87,095	15,482	15.09305205	36,597.79	53:25.0
0949_20081230_235332_raw	112,620	92,048	20,572	18.2667377	39,378.23	06:34.0
0950_20081231_020001_raw	30,438	22,727	7,711	25.33346475	12,846.94	38:33.0
0951_20081231_024706_raw	55,403	42,283	13,120	23.6810281	24,559.43	13:00.0
0952_20081231_040001_raw	96,632	79,508	17,124	17.72083782	42,114.37	06:34.0
0953_20081231_060609_raw	93,690	80,913	12,777	13.63752802	34,768.68	55:35.0
0954_20081231_080133_raw	103,056	89,664	13,392	12.99487657	38,143.48	58:40.0
0955_20081231_100001_raw	105,018	92,063	12,955	12.3359805	37,601.33	00:15.0
0956_20081231_120000_raw	104,159	95,362	8,797	8.445741607	33,409.23	00:53.0
0957_20081231_140043_raw	98,959	86,747	12,212	12.34046423	37,195.24	58:42.0
0958_20081231_155905_raw	96,401	83,350	13,051	13.5382413	40,415.53	01:25.0
0959_20081231_180017_raw	68,355	51,876	16,479	24.10796577	38,662.72	59:53.0
0960_20081231_200000_raw	95,233	78,220	17,013	17.86460576	40,156.82	02:39.0
0961_20081231_220228_raw	107,396	89,910	17,486	16.2817982	38,459.28	57:28.0
0962_20081231_235939_raw	49,270	42,570	6,700	13.59853866	19,809.58	59:59.0
0963_20090101_005926_raw	48,259	43,245	5,014	10.38977186	7,134.02	03:46.0
0964_20090101_020248_raw	112,748	106,064	6,684	5.928264803	3,232.72	25:18.0
0968_20090101_151129_raw	49,790	44,736	5,054	10.15063266	16,427.11	54:25.0
0969_20090101_160542_raw	104,947	88,366	16,581	15.79940351	39,672.53	14:01.0
0970_20090101_181933_raw	58,756	46,701	12,055	20.51705358	23,020.70	16:38.0
0971_20090101_193545_raw	34,137	29,032	5,105	14.95444825	14,929.08	45:44.0
0972_20090101_202110_raw	73,258	62,467	10,791	14.73013186	32,619.46	37:52.0
0973_20090101_215842_raw	85,758	68,544	17,214	20.07276289	38,081.92	57:35.0
0974_20090101_235606_raw	90,781	65,520	25,261	27.82630727	44,194.83	19:30.0
0975_20090102_021504_raw	36,351	22,647	13,704	37.69910044	19,618.94	00:10.0
0976_20090102_031453_raw	48,534	34,528	14,006	28.85812008	24,421.60	15:32.0
0977_20090102_043001_raw	65,132	57,526	7,606	11.6778235	30,048.00	30:29.0
0978_20090102_060001_raw	82,901	70,866	12,035	14.51731583	39,042.72	00:29.1
0979_20090102_080017_raw	89,778	79,676	10,102	11.25219987	39,800.56	00:01.0
0980_20090102_100001_raw	94,306	74,788	19,518	20.69645622	42,119.42	10:46.0
0981_20090102_121032_raw	83,596	71,609	11,987	14.33920283	36,762.13	51:54.0
0982_20090102_140216_raw	84,592	69,127	15,465	18.28187063	39,255.04	58:02.0
0983_20090102_160000_raw	75,691	59,809	15,882	20.98267958	39,432.57	01:21.0
0984_20090102_180051_raw	72,985	60,773	12,212	16.73220525	38,155.32	59:36.0
0985_20090102_200003_raw	92,613	82,136	10,477	11.31266669	38,444.86	00:17.0
0986_20090102_220002_raw	84,707	66,564	18,143	21.41853684	36,491.91	00:22.0
0987_20090103_000001_raw	92,608	70,068	22,540	24.33914997	38,068.39	21:17.0
0988_20090103_022058_raw	67,634	52,260	15,374	22.73117071	28,347.74	39:44.0
0989_20090103_040019_raw	87,280	67,712	19,568	22.41979835	37,301.34	59:30.0

0990_20090103_055930_raw	85,667	67,166	18,501	21.59641402	38,385.65	00:52.0
0991_20090103_080001_raw	74,372	61,272	13,100	17.61415587	35,332.32	50:00.0
0992_20090103_094944_raw	93,552	82,166	11,386	12.17077134	42,147.73	11:15.0
0993_20090103_120035_raw	78,021	71,810	6,211	7.960677254	36,670.85	59:45.0
0994_20090103_140001_raw	67,500	60,678	6,822	10.10666667	39,888.11	07:14.0
0995_20090103_160712_raw	56,945	50,114	6,831	11.99578541	37,673.28	55:13.9
0996_20090103_180300_raw	53,442	40,814	12,628	23.62935519	35,028.19	02:54.0
0997_20090103_200527_raw	78,802	71,904	6,898	8.753584934	35,005.17	55:04.0
0998_20090103_220008_raw	91,850	74,982	16,868	18.3647251	36,964.14	00:02.0
0999_20090104_000001_raw	101,316	80,803	20,513	20.24655533	38,273.94	06:47.0
1000_20090104_020702_raw	65,319	51,810	13,509	20.6815781	24,615.31	34:51.0
1005_20090104_184324_raw	4,235	3,742	493	11.64108619	814.2978	06:33.0
1006_20090104_184950_raw	42,837	33,955	8,882	20.73441184	21,320.54	10:28.0
1007_20090104_200001_raw	86,794	67,993	18,801	21.6616356	38,460.12	00:20.0
1008_20090104_220001_raw	101,816	84,417	17,399	17.08866976	40,365.64	00:24.0
1009_20090105_000004_raw	87,423	79,807	7,616	8.711666266	45,034.36	03:37.0
1010_20090105_020326_raw	64,846	57,042	7,804	12.03466675	39,099.08	58:35.0
1011_20090105_040138_raw	61,285	52,694	8,591	14.0181121	38,634.20	57:53.0
1012_20090105_055915_raw	60,295	52,153	8,142	13.50360726	40,655.90	06:39.0
1013_20090105_080530_raw	56,395	46,840	9,555	16.9429914	37,161.87	55:35.0
1014_20090105_100036_raw	118,853	96,319	22,534	18.95955508	33,941.45	26:56.0
1015_20090105_132719_raw	148,064	142,556	5,508	3.720012967	5,333.82	00:22.0
1016_20090105_172719_raw	147,371	138,953	8,418	5.712114324	4,127.59	00:29.0
1017_20090105_212719_raw	88,104	76,526	11,578	13.14128757	42,082.69	33:13.0
1018_20090106_000004_raw	22,825	18,393	4,432	19.41730559	11,631.72	40:10.0
1019_20090106_003948_raw	573	246	327	57.06806283	72.32911	01:34.0
1021_20090106_044136_raw	97,639	83,234	14,405	14.75332603	5,234.48	43:53.0
1022_20090106_072516_raw	30,028	23,545	6,483	21.58984947	1,317.62	50:16.0
1023_20090106_081533_raw	75,496	59,088	16,408	21.73360178	2,130.80	02:12.0
1024_20090106_101755_raw	31,137	26,398	4,739	15.21983492	1,114.15	50:36.0
1025_20090106_110804_raw	8,948	7,206	1,742	19.46803755	448.1207	15:17.0
1026_20090106_112302_raw	22,349	14,322	8,027	35.91659582	8,932.34	38:25.0
1027_20090106_120115_raw	77,040	52,785	24,255	31.48364486	32,833.31	59:36.0
1028_20090106_140031_raw	75,885	50,616	25,269	33.29907096	27,813.95	00:17.0
1029_20090106_160035_raw	113,159	85,239	27,920	24.67324738	35,834.51	10:00.0
1030_20090106_181026_raw	93,880	88,410	5,470	5.826587133	35,671.81	48:33.0
1031_20090106_195849_raw	105,503	98,724	6,779	6.425409704	47,740.74	26:28.0
1032_20090106_222456_raw	67,803	50,333	17,470	25.76582157	28,384.69	35:42.0
1033_20090107_000022_raw	104,218	77,924	26,294	25.22980675	30,131.82	59:53.0
1034_20090107_020001_raw	108,973	73,568	35,405	32.48969928	29,256.81	00:18.0
1035_20090107_040001_raw	116,135	98,113	18,022	15.51814698	42,157.53	13:13.0
1036_20090107_061254_raw	83,238	67,313	15,925	19.13188688	32,462.60	47:20.0
1037_20090107_080000_raw	86,610	50,454	36,156	41.74575684	35,161.44	00:21.0
1038_20090107_100001_raw	90,969	52,654	38,315	42.11874375	32,423.41	03:17.0
1039_20090107_120307_raw	63,304	43,100	20,204	31.9158347	19,683.15	18:14.0
1040_20090107_132111_raw	78,564	64,541	14,023	17.8491421	4,287.46	44:33.0
1041_20090107_150524_raw	41,891	32,333	9,558	22.81635674	1,717.30	00:04.0
1042_20090107_160524_raw	65,629	56,439	9,190	14.00295601	2,094.71	29:16.0
1043_20090107_173423_raw	212,036	196,915	15,121	7.131336188	4,680.09	00:24.0
1044_20090107_213423_raw	20,221	18,505	1,716	8.48622719	959.9593	23:29.0
1045_20090107_215728_raw	20,356	17,073	3,283	16.12792297	2,313.25	24:34.0
1046_20090107_222138_raw	82,004	59,472	22,532	27.47670845	28,555.36	38:37.0

1047_20090108_000012_raw	92,641	68,004	24,637	26.59405663	31,982.69	01:53.0
1048_20090108_020153_raw	96,335	65,325	31,010	32.1897545	27,462.60	58:23.0
1049_20090108_040001_raw	144,381	108,677	35,704	24.72901559	41,398.93	38:00.0
1050_20090108_063737_raw	88,637	76,357	12,280	13.85425951	32,938.24	42:23.0
1051_20090108_081939_raw	81,324	69,912	11,412	14.03275786	32,418.94	40:53.0
1052_20090108_100000_raw	108,483	90,921	17,562	16.1887116	37,894.30	10:40.0
1053_20090108_121012_raw	93,509	73,588	19,921	21.30383172	29,507.11	52:54.0
1054_20090108_140254_raw	81,309	62,585	18,724	23.02820106	29,585.55	04:08.0
1055_20090108_160637_raw	34,170	24,048	10,122	29.62247586	14,743.02	55:07.0
1056_20090108_170122_raw	42,403	28,328	14,075	33.19340613	17,665.07	59:27.0
1057_20090108_180021_raw	86,673	54,600	32,073	37.00460351	33,550.63	00:11.0
1058_20090108_200015_raw	72,602	55,598	17,004	23.4208424	19,692.53	34:11.0
1059_20090108_213355_raw	129,023	114,887	14,136	10.95618611	4,669.58	33:44.1
1060_20090104_000439_raw	375	239	136	36.26666667	5,743069	35.997
1061_20090104_000549_raw	215,751	206,765	8,986	4.164986489	5,831.58	00:00.0
1062_20090104_040549_raw	161,200	151,822	9,378	5.817617866	4,688.29	00:39.0
1063_20090104_070604_raw	1,283	1,171	112	8.72954014	568.1878	01:47.0
1064_20090104_070747_raw	63,786	54,699	9,087	14.24607281	21,757.80	12:44.0
1065_20090104_082036_raw	13,887	12,028	1,859	13.38662058	5,088.72	14:55.0
1066_20090104_083611_raw	8,004	7,453	551	6.884057971	2,835.25	08:19.0
1067_20090104_084447_raw	936	891	45	4.807692308	281.611	49.039
1068_20090104_085051_raw	3,056	2,038	1,018	33.31151832	1,758.70	05:09.1
1069_20090109_101411_raw	135,648	121,533	14,115	10.40560863	48,703.72	00:03.0
1070_20090109_141411_raw	162,783	155,086	7,697	4.728380728	4,066.53	00:21.0
1071_20090109_181411_raw	26,047	24,619	1,428	5.482397205	660.1588	38:08.0
1072_20090109_185155_raw	46,808	41,709	5,099	10.89343702	15,552.45	03:06.0
1073_20090109_195444_raw	91,049	75,996	15,053	16.53285593	34,529.93	06:21.0
1074_20090109_220037_raw	573	523	50	8.72600349	275.4417	01:00.0
1075_20090109_220127_raw	83,785	70,049	13,736	16.39434266	31,315.03	58:43.0
1076_20090110_000002_raw	83,935	68,676	15,259	18.17954369	32,947.63	08:13.0
1077_20090110_020848_raw	71,163	51,318	19,845	27.88668269	27,670.83	51:58.0
1078_20090110_040015_raw	74,215	56,851	17,364	23.39688742	32,163.22	06:52.9
1079_20090110_060654_raw	64,323	49,700	14,623	22.73370334	29,563.09	02:03.0

	No. of Soundings	Accepted Soundings	Rejected Soundings	% of Rejected Soundings	Distance (Km)
<b>Totals</b>	<b>20,445,126</b>	<b>17,248,400</b>	<b>3,196,726</b>	<b>4,232</b>	<b>6,730.48</b>

## **TOTALS**

	No. of Soundings	Accepted Soundings	Rejected Soundings	% of Rejected Soundings	Distance Line (Km)
<b>Trans2Areas</b>	<b>61,364,210</b>	<b>57,234,181</b>	<b>4,130,029</b>	<b>1,467</b>	<b>4,094</b>
<b>Zeewyck</b>	<b>31,858,638</b>	<b>27,962,525</b>	<b>3,896,113</b>	<b>3,613</b>	<b>5,411</b>
<b>Houtman</b>	<b>40,816,394</b>	<b>33,720,915</b>	<b>7,095,479</b>	<b>8,264</b>	<b>8,736</b>
<b>Exmouth</b>	<b>12,785,843</b>	<b>11,462,982</b>	<b>1,322,861</b>	<b>2,286</b>	<b>3,156</b>
<b>Wallaby Plateau</b>	<b>20,445,126</b>	<b>17,248,400</b>	<b>3,196,726</b>	<b>4,232</b>	<b>6,730</b>

<b>Totals for Voyage</b>	<b>167,270,211</b>	<b>147,629,003</b>	<b>19,641,208</b>	<b>11.7</b>	<b>28,126.68</b>
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## **Appendix 2**

### **Sound Velocity Profiles Locations for Leg1 and 2**

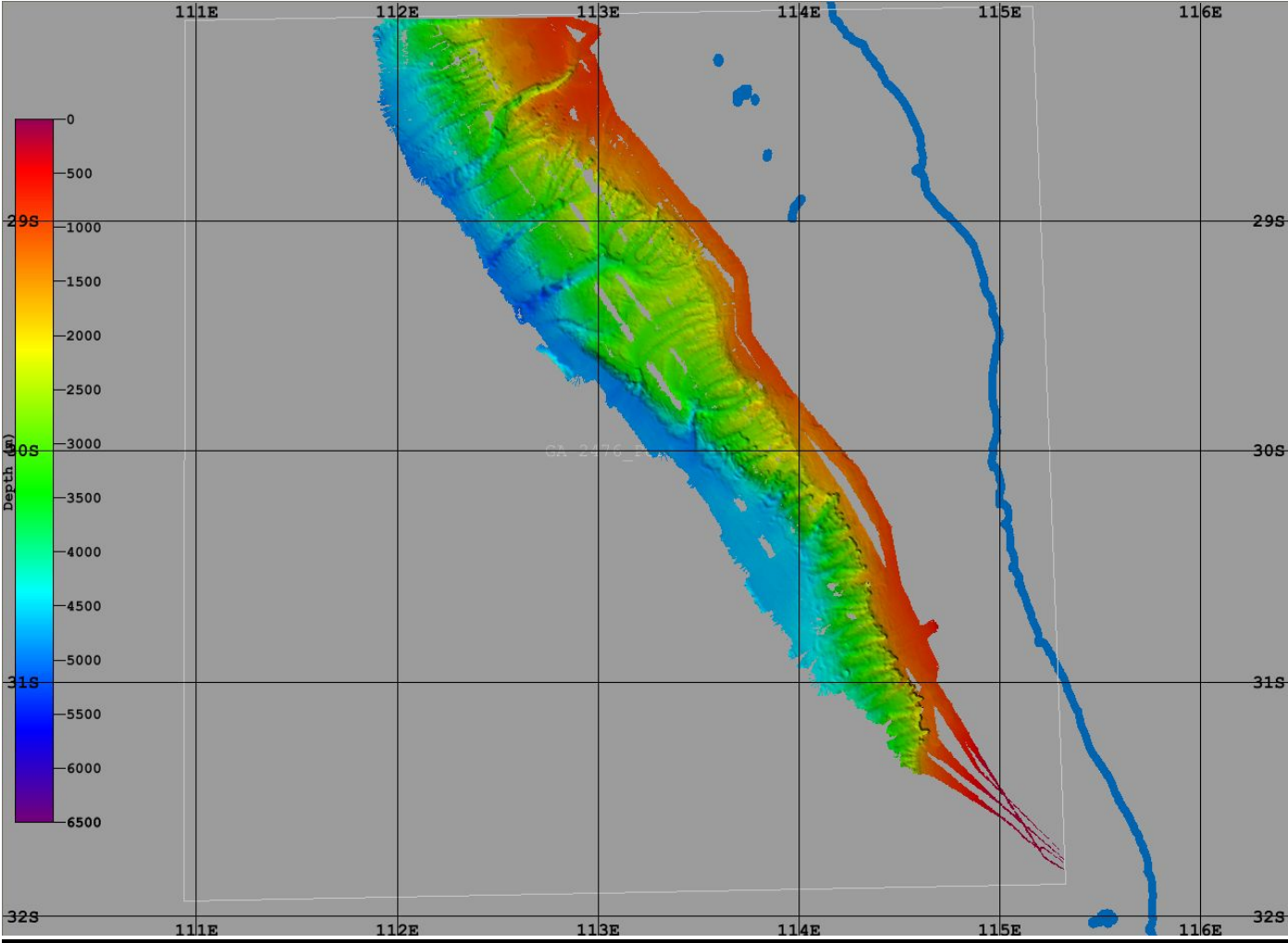
CTD #	Date	Lats	Long.	Depth/m
1	25 Oct 2008	08 45. 32S	105 0.54 E	6300
XBT1	28 Oct 2008	-22 3.1107S	106 42.4486E	4414
2	29 Oct 2008	-24 18.213S	106 42.283E	3533
3	31 Oct 2008	-31 04.069S	114 33.803 E	2360
4	09 Nov 2008	-28 48.467S	112 21.824E	4525
BXT2	15 Nov 2008	-29 35.769S	113 18.863E	2866
5	29 Nov 2008	-24 15.275S	110 49.911E	2210
6	5 Dec 2008	-21 46.541	112 28.678	4847



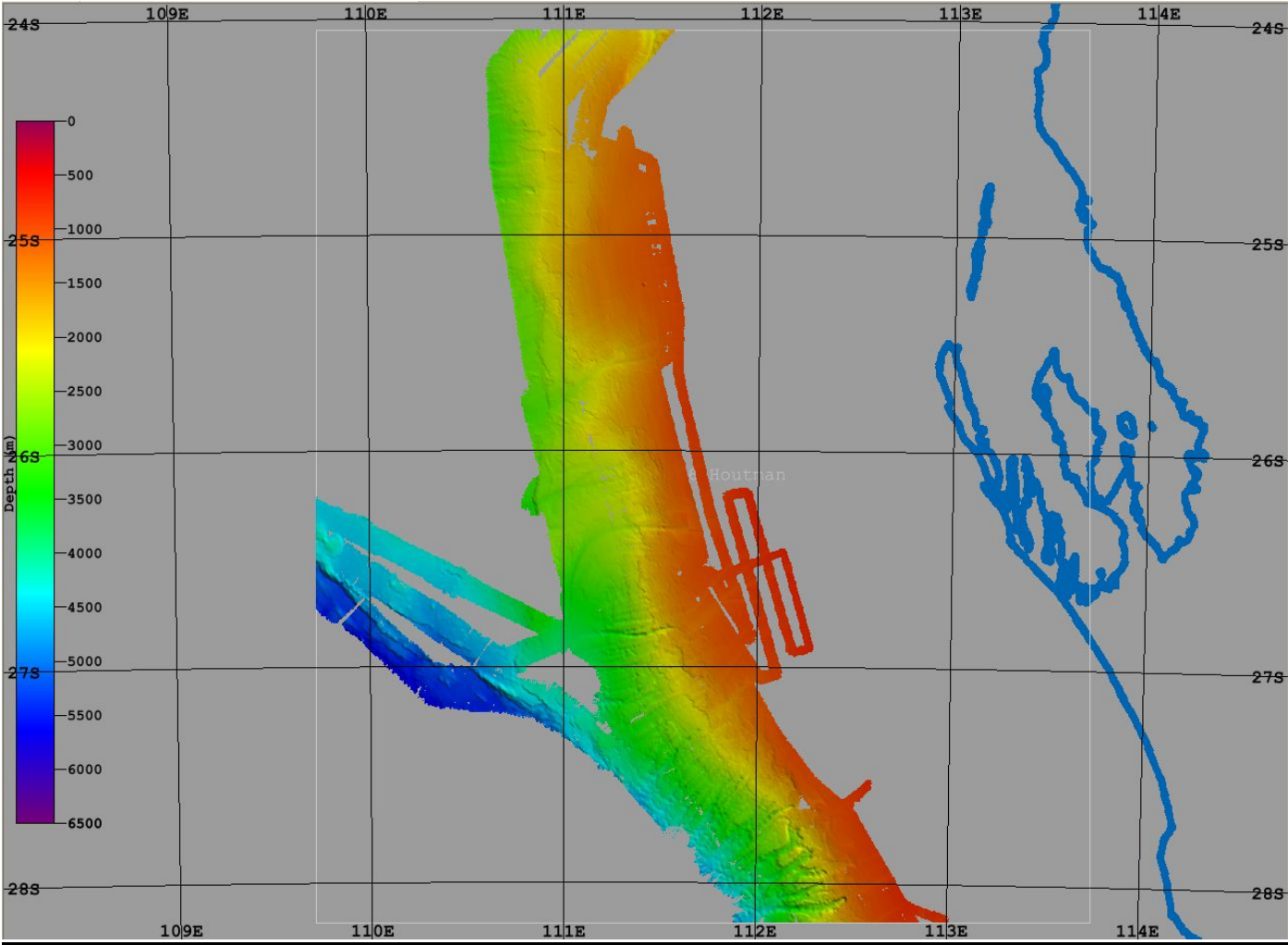
Appendix 3

Base Surface Images

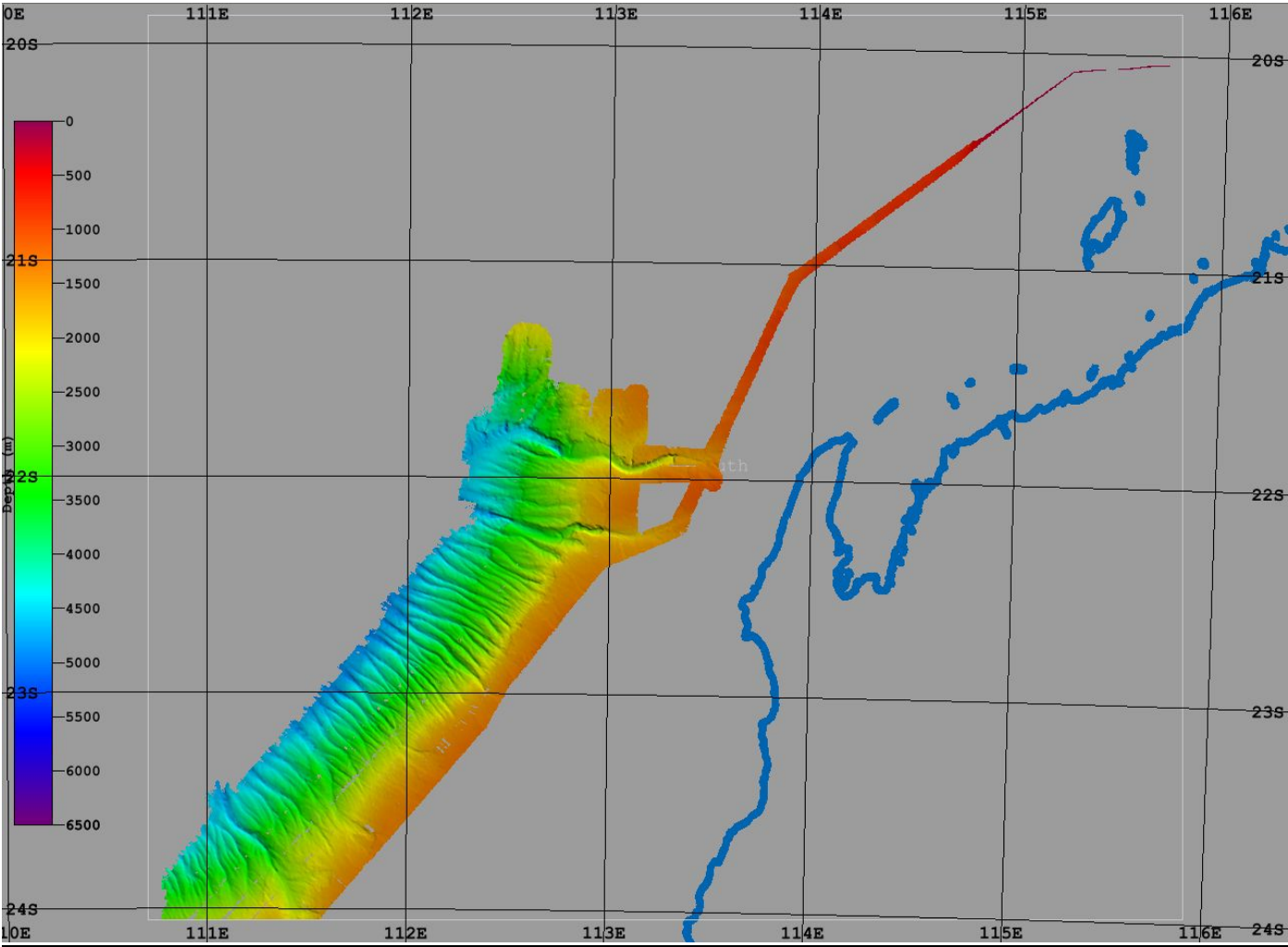
Zeewyck Sub-basin



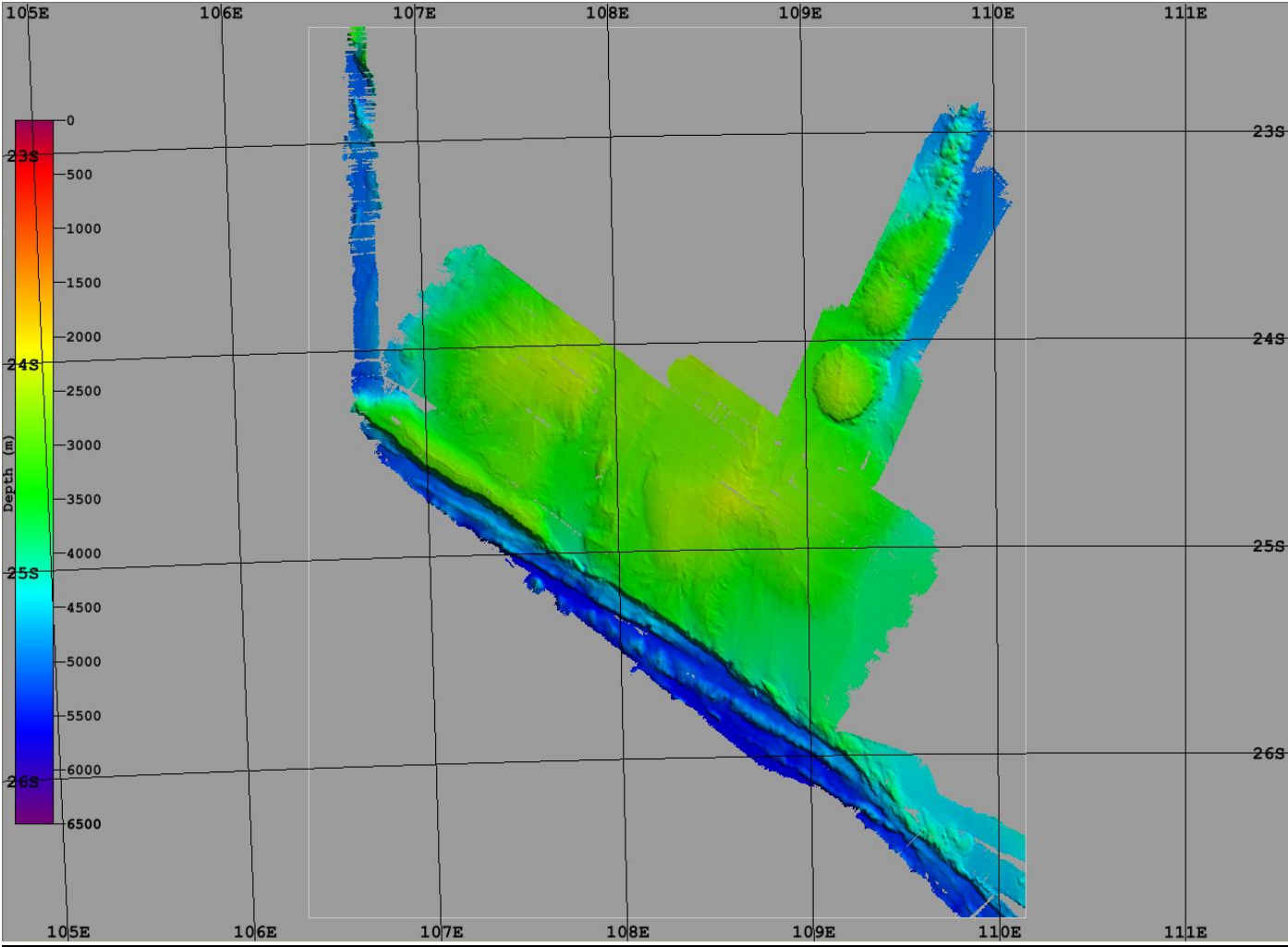
Houtman Sub-basin



Exmouth Sub-basin



Wallaby Plateau



**Overall view of WA Margins**

