

	id	x	y	longitude	latitude	depth	strat	depth_bin
1	mau_0001	315.78	2214.76	145.2389	20.02087	5.995420	1	SHAL
2	mau_0002	312.98	2216.06	145.2120	20.03234	15.673465	2	MID
3	mau_0003	312.78	2215.96	145.2101	20.03142	14.435590	2	MID
4	mau_0004	313.88	2213.66	145.2208	20.01075	17.436423	2	MID
5	mau_0005	315.78	2214.96	145.2389	20.02267	13.386642	2	MID
6	mau_0006	314.88	2214.46	145.2303	20.01807	10.779226	2	MID
7	mau_0007	312.58	2215.36	145.2082	20.02598	9.299425	2	MID
8	mau_0008	314.48	2216.26	145.2263	20.03429	15.214731	2	MID
9	mau_0009	313.58	2216.26	145.2177	20.03421	10.005987	2	MID
10	mau_0010	313.38	2214.06	145.2160	20.01432	11.278155	2	MID
11	mau_0011	312.78	2215.76	145.2101	20.02961	10.354836	2	MID
12	mau_0012	314.88	2216.06	145.2302	20.03252	12.425490	2	MID
13	mau_0013	312.68	2215.86	145.2091	20.03051	14.915070	2	MID
14	mau_0014	314.68	2213.56	145.2285	20.00992	16.548813	2	MID
15	mau_0015	312.48	2214.36	145.2074	20.01694	16.916054	2	MID
16	mau_0016	313.58	2213.96	145.2179	20.01343	14.761392	2	MID
17	mau_0017	314.48	2213.76	145.2266	20.01171	16.713536	2	MID
18	mau_0018	312.38	2214.66	145.2064	20.01964	16.917704	2	MID
19	mau_0019	314.48	2213.86	145.2266	20.01261	14.106372	2	MID
20	mau_0020	313.48	2213.66	145.2170	20.01071	10.666812	2	MID
21	mau_0021	313.28	2215.96	145.2149	20.03147	14.700336	2	MID
22	mau_0022	314.58	2215.86	145.2273	20.03069	10.937868	2	MID
23	mau_0023	312.58	2215.76	145.2082	20.02959	17.179729	2	MID
24	mau_0024	312.58	2214.16	145.2084	20.01514	10.124243	2	MID
25	mau_0025	312.48	2214.76	145.2073	20.02055	13.922145	2	MID
26	mau_0026	312.78	2215.16	145.2102	20.02419	8.675416	2	MID
27	mau_0027	315.58	2214.26	145.2370	20.01633	14.906380	2	MID
28	mau_0028	313.38	2216.26	145.2158	20.03419	14.794319	2	MID
29	mau_0029	315.08	2215.36	145.2321	20.02622	10.262174	2	MID
30	mau_0030	315.08	2215.76	145.2321	20.02983	13.111674	2	MID
31	mau_0031	313.78	2213.86	145.2199	20.01255	11.332404	2	MID
32	mau_0032	314.78	2213.66	145.2294	20.01084	11.882246	2	MID
33	mau_0033	314.68	2214.16	145.2284	20.01534	15.605308	2	MID
34	mau_0034	312.88	2213.76	145.2113	20.01156	11.053667	2	MID
35	mau_0035	314.08	2216.36	145.2225	20.03516	7.439401	2	MID
36	mau_0036	313.78	2216.36	145.2196	20.03513	8.994987	2	MID
37	mau_0037	314.98	2215.26	145.2312	20.02531	16.022944	2	MID
38	mau_0038	313.18	2215.96	145.2139	20.03146	13.258524	2	MID
39	mau_0039	313.28	2214.26	145.2150	20.01611	17.411571	2	MID
40	mau_0040	313.58	2213.66	145.2180	20.01072	13.895962	2	MID
41	mau_0041	314.78	2213.76	145.2294	20.01174	6.723433	2	MID
42	mau_0042	313.78	2213.76	145.2199	20.01164	14.151114	2	MID
43	mau_0043	313.68	2215.76	145.2187	20.02970	16.098627	2	MID
44	mau_0044	313.48	2213.96	145.2170	20.01342	9.187059	2	MID
45	mau_0045	313.38	2216.16	145.2158	20.03328	8.024668	2	MID
46	mau_0046	314.68	2214.06	145.2284	20.01444	8.925231	2	MID
47	mau_0047	314.28	2216.36	145.2244	20.03518	13.923392	2	MID
48	mau_0048	315.48	2215.36	145.2360	20.02626	12.027074	2	MID
49	mau_0049	312.58	2215.66	145.2082	20.02869	15.502258	2	MID
50	mau_0050	314.78	2214.96	145.2293	20.02258	13.963797	2	MID
51	mau_0051	313.98	2216.56	145.2215	20.03695	17.823862	2	MID
52	mau_0052	314.88	2215.86	145.2302	20.03072	11.378355	2	MID
53	mau_0053	314.98	2215.96	145.2311	20.03163	13.540230	2	MID
54	mau_0054	313.38	2213.56	145.2161	20.00980	15.855231	2	MID
55	mau_0055	312.58	2215.16	145.2083	20.02417	12.595897	2	MID
56	mau_0056	314.88	2214.66	145.2303	20.01988	13.750702	2	MID
57	mau_0057	314.38	2216.26	145.2254	20.03428	12.603725	2	MID
58	mau_0058	312.48	2215.46	145.2073	20.02687	15.642213	2	MID
59	mau_0059	315.78	2214.66	145.2389	20.01996	13.117688	2	MID
60	mau_0060	313.68	2216.36	145.2187	20.03512	12.552701	2	MID
61	mau_0061	315.38	2214.16	145.2351	20.01541	10.022824	2	MID
62	mau_0062	313.78	2213.96	145.2199	20.01345	13.301680	2	MID
63	mau_0063	315.68	2214.36	145.2380	20.01724	13.961931	2	MID
64	mau_0064	313.08	2213.66	145.2132	20.01067	15.287316	2	MID
65	mau_0065	315.38	2214.06	145.2351	20.01451	16.451413	2	MID
66	mau_0066	314.88	2213.76	145.2304	20.01175	9.338456	2	MID
67	mau_0067	314.28	2216.46	145.2244	20.03608	17.772523	2	MID
68	mau_0068	312.58	2214.86	145.2083	20.02146	10.018205	2	MID
69	mau_0069	312.68	2213.86	145.2094	20.01244	12.842793	2	MID
70	mau_0070	313.08	2215.86	145.2130	20.03054	9.647546	2	MID
71	mau_0071	312.78	2215.86	145.2101	20.03052	13.775042	2	MID
72	mau_0072	315.58	2215.26	145.2369	20.02536	16.650687	2	MID
73	mau_0073	314.88	2215.06	145.2303	20.02349	8.497004	2	MID
74	mau_0074	312.58	2214.76	145.2083	20.02056	9.487501	2	MID
75	mau_0075	315.68	2215.06	145.2379	20.02357	12.956486	2	MID
76	mau_0076	315.18	2213.86	145.2332	20.01268	17.252833	2	MID
77	mau_0077	314.28	2215.76	145.2244	20.02976	13.969344	2	MID
78	mau_0078	313.88	2213.96	145.2208	20.01346	17.976027	2	MID
79	mau_0079	315.28	2215.56	145.2340	20.02805	7.486805	2	MID
80	mau_0080	315.48	2214.16	145.2361	20.01542	14.947227	2	MID
81	mau_0081	312.78	2215.26	145.2102	20.02510	6.669715	2	MID
82	mau_0082	315.08	2213.96	145.2323	20.01357	9.901470	2	MID
83	mau_0083	314.18	2216.36	145.2234	20.03517	10.199238	2	MID
84	mau_0084	314.98	2215.86	145.2311	20.03073	14.246452	2	MID
85	mau_0085	315.58	2215.46	145.2369	20.02717	21.373500	3	DEEP
86	mau_0086	315.48	2213.96	145.2361	20.01361	23.295925	3	DEEP
87	mau_0087	313.88	2213.56	145.2208	20.00985	23.633805	3	DEEP
88	mau_0088	313.88	2214.86	145.2207	20.02159	27.632000	3	DEEP
89	mau_0089	315.38	2213.86	145.2352	20.01270	25.861119	3	DEEP
90	mau_0090	315.88	2214.56	145.2399	20.01907	18.568131	3	DEEP
91	mau_0091	313.08	2213.56	145.2132	20.00977	20.481530	3	DEEP
92	mau_0092	314.98	2215.56	145.2312	20.02802	22.837177	3	DEEP
93	mau_0093	314.88	2216.16	145.2301	20.03343	18.502942	3	DEEP
94	mau_0094	314.58	2213.46	145.2275	20.00901	24.869600	3	DEEP
95	mau_0095	314.98	2215.36	145.2312	20.02621	20.827465	3	DEEP
96	mau_0096	314.48	2214.06	145.2265	20.01442	28.128000	3	DEEP
97	mau_0097	313.48	2216.36	145.2167	20.03510	19.737972	3	DEEP
98	mau_0098	315.38	2215.96	145.2349	20.03167	22.581391	3	DEEP
99	mau_0099	312.98	2215.56	145.2120	20.02782	20.135214	3	DEEP
100	mau_0100	314.78	2213.46	145.2295	20.00903	25.429165	3	DEEP
101	mau_0101	312.28	2214.26	145.2055	20.01602	23.924788	3	DEEP
102	mau_0102	315.38	2213.96	145.2351	20.01360	18.637899	3	DEEP
103	mau_0103	315.88	2214.66	145.2398	20.01997	18.110177	3	DEEP
104	mau_0104	313.08	2215.76	145.2130	20.02964	18.533132	3	DEEP
105	mau_0105	314.98	2213.66	145.2314	20.01086	20.837425	3	DEEP
106	mau_0106	313.08	2215.66	145.2130	20.02874	26.955334	3	DEEP
107	mau_0107	314.08	2216.66	145.2224	20.03787	25.781764	3	DEEP
108	mau_0108	313.88	2216.66	145.2205	20.03785	24.003438	3	DEEP
109	mau_0109	312.38	2214.06	145.2065	20.01422	20.264360	3	DEEP
110	mau_0110	315.68	2214.16	145.2380	20.01544	24.710529	3	DEEP
111	mau_0111	314.88	2215.26	145.2302	20.02530	25.840933	3	DEEP
112	mau_0112	315.28	2213.76	145.2342	20.01179	27.630400	3	DEEP
113	mau_0113	314.58	2213.56	145.2275	20.00991	18.107823	3	DEEP
114	mau_0114	315.48	2215.66	145.2359	20.02897	21.219693	3	DEEP
115	mau_0115	312.48	2213.96	145.2074	20.01332	21.345872	3	DEEP
116	mau_0116	315.88	2214.96	145.2398	20.02268	20.561931	3	DEEP
117	mau_0117	313.18	2215.76	145.2139	20.02965	28.568199	3	DEEP
118	mau_0118	315.38	2215.86	145.2350	20.03076	19.619476	3	DEEP
119	mau_0119	313.98	2214.86	145.2217	20.02160	26.703525	3	DEEP
120	mau_0120	313.58	2213.56	145.2180	20.00982	20.453057	3	DEEP
121	mau_0121	313.78	2213.46	145.2199	20.00893	22.876456	3	DEEP
122	mau_0122	312.98	2215.46	145.2121	20.02692	27.498800	3	DEEP
123	mau_0123	312.98	2213.56	145.2122	20.00976	22.138104	3	DEEP
124	mau_0124	315.58	2214.06	145.2370	20.01453	23.899089	3	DEEP
125	mau_0125	312.78	2216.06	145.2101	20.03232	21.141837	3	DEEP
126</								