

	id	x	y	longitude	latitude	depth	strat	depth_bin
1	mau_0001	315.275	2215.785	145.2340	20.03008	4.8590369	1	SHAL
2	mau_0002	314.605	2215.895	145.2275	20.03101	2.5103989	1	SHAL
3	mau_0003	315.355	2215.465	145.2348	20.02719	0.2285004	1	SHAL
4	mau_0004	313.465	2213.965	145.2168	20.01347	0.9402657	1	SHAL
5	mau_0005	314.955	2213.975	145.2311	20.01370	2.9524078	1	SHAL
6	mau_0006	314.615	2215.905	145.2276	20.03110	5.2956581	1	SHAL
7	mau_0007	312.775	2213.785	145.2103	20.01177	3.5930986	1	SHAL
8	mau_0008	314.925	2215.115	145.2307	20.02399	3.8955078	1	SHAL
9	mau_0009	314.615	2215.825	145.2276	20.03038	17.1588993	2	MID
10	mau_0010	314.765	2215.835	145.2291	20.03048	6.0285301	2	MID
11	mau_0011	315.255	2214.105	145.2339	20.01490	8.0786438	2	MID
12	mau_0012	314.895	2215.155	145.2304	20.02435	9.1143703	2	MID
13	mau_0013	314.115	2216.515	145.2228	20.03656	17.4563560	2	MID
14	mau_0014	315.005	2213.945	145.2316	20.01343	7.8411789	2	MID
15	mau_0015	315.605	2215.185	145.2372	20.02469	17.2937393	2	MID
16	mau_0016	314.695	2216.225	145.2284	20.03400	15.6169968	2	MID
17	mau_0017	313.315	2213.555	145.2155	20.00975	15.7803192	2	MID
18	mau_0018	313.735	2213.975	145.2194	20.01358	8.7825899	2	MID
19	mau_0019	315.395	2214.125	145.2353	20.01510	7.1337051	2	MID
20	mau_0020	315.355	2214.085	145.2349	20.01473	9.4843559	2	MID
21	mau_0021	313.645	2216.395	145.2183	20.03543	15.3891182	2	MID
22	mau_0022	315.885	2214.585	145.2399	20.01930	16.9368992	2	MID
23	mau_0023	315.505	2215.475	145.2362	20.02730	17.1246681	2	MID
24	mau_0024	313.145	2214.375	145.2137	20.01714	15.2641277	2	MID
25	mau_0025	312.545	2214.025	145.2080	20.01392	15.2668724	2	MID
26	mau_0026	315.235	2215.855	145.2336	20.03071	9.2168446	2	MID
27	mau_0027	315.815	2214.575	145.2392	20.01920	17.7951508	2	MID
28	mau_0028	312.555	2214.165	145.2081	20.01518	13.1596336	2	MID
29	mau_0029	315.805	2215.015	145.2391	20.02317	17.7201042	2	MID
30	mau_0030	315.775	2214.465	145.2389	20.01820	8.3825912	2	MID
31	mau_0031	315.825	2214.925	145.2393	20.02236	17.1419029	2	MID
32	mau_0032	314.885	2213.735	145.2304	20.01152	7.3645363	2	MID
33	mau_0033	312.505	2214.855	145.2076	20.02141	15.2908821	2	MID
34	mau_0034	315.575	2214.355	145.2370	20.01719	9.6415710	2	MID
35	mau_0035	315.085	2215.725	145.2321	20.02952	11.6961212	2	MID
36	mau_0036	315.875	2214.605	145.2398	20.01948	16.1249847	2	MID
37	mau_0037	313.295	2216.205	145.2150	20.03368	10.7715378	2	MID
38	mau_0038	314.665	2214.075	145.2283	20.01457	10.0351067	2	MID
39	mau_0039	312.615	2213.905	145.2087	20.01284	12.6585350	2	MID
40	mau_0040	313.625	2213.625	145.2184	20.01041	16.3763695	2	MID
41	mau_0041	314.595	2213.855	145.2277	20.01258	7.1488838	2	MID
42	mau_0042	313.815	2213.825	145.2202	20.01223	13.0081291	2	MID
43	mau_0043	312.815	2215.165	145.2105	20.02424	13.7831001	2	MID
44	mau_0044	312.765	2215.875	145.2100	20.03065	14.9451218	2	MID
45	mau_0045	314.955	2213.815	145.2311	20.01225	14.4941711	2	MID
46	mau_0046	314.555	2213.575	145.2273	20.01005	15.3163004	2	MID
47	mau_0047	314.845	2213.845	145.2300	20.01251	6.4767590	2	MID
48	mau_0048	314.755	2215.875	145.2290	20.03084	8.1595306	2	MID
49	mau_0049	312.825	2215.235	145.2106	20.02487	10.8713999	2	MID
50	mau_0050	313.245	2215.955	145.2145	20.03142	15.9497004	2	MID
51	mau_0051	315.585	2215.145	145.2370	20.02433	6.4830132	2	MID
52	mau_0052	313.355	2213.605	145.2158	20.01020	15.8308525	2	MID
53	mau_0053	314.305	2216.155	145.2246	20.03333	6.0880623	2	MID
54	mau_0054	314.525	2213.745	145.2270	20.01158	13.8600998	2	MID
55	mau_0055	314.405	2215.825	145.2256	20.03036	12.6052999	2	MID
56	mau_0056	314.885	2213.635	145.2304	20.01062	16.5662003	2	MID
57	mau_0057	315.125	2213.885	145.2327	20.01290	15.5368538	2	MID
58	mau_0058	314.575	2213.995	145.2274	20.01384	12.9977350	2	MID
59	mau_0059	312.645	2214.005	145.2090	20.01375	13.3368034	2	MID
60	mau_0060	315.575	2215.215	145.2369	20.02496	16.7311363	2	MID
61	mau_0061	313.145	2213.675	145.2138	20.01081	15.0496674	2	MID
62	mau_0062	313.035	2216.005	145.2125	20.03185	13.9503975	2	MID
63	mau_0063	312.745	2215.095	145.2098	20.02360	7.8181000	2	MID
64	mau_0064	315.115	2215.405	145.2325	20.02663	6.1620560	2	MID
65	mau_0065	313.615	2213.775	145.2183	20.01176	10.8735008	2	MID
66	mau_0066	315.515	2214.245	145.2364	20.01619	9.3315315	2	MID
67	mau_0067	315.035	2215.385	145.2317	20.02644	15.4336205	2	MID
68	mau_0068	315.615	2214.345	145.2373	20.01710	14.5775986	2	MID
69	mau_0069	313.835	2213.875	145.2204	20.01269	16.6312256	2	MID
70	mau_0070	313.705	2213.715	145.2192	20.01123	13.6895714	2	MID
71	mau_0071	315.115	2215.655	145.2324	20.02889	8.0037880	2	MID
72	mau_0072	313.765	2213.935	145.2197	20.01322	8.7159348	2	MID
73	mau_0073	312.615	2214.025	145.2087	20.01393	14.8325462	2	MID
74	mau_0074	314.995	2216.185	145.2312	20.03366	19.8540993	3	DEEP
75	mau_0075	315.555	2215.855	145.2366	20.03074	29.6247997	3	DEEP
76	mau_0076	315.005	2215.545	145.2314	20.02788	26.5555000	3	DEEP
77	mau_0077	314.525	2213.755	145.2270	20.01167	18.5409241	3	DEEP
78	mau_0078	312.295	2214.275	145.2056	20.01615	24.6940994	3	DEEP
79	mau_0079	315.325	2216.015	145.2344	20.03216	21.5629005	3	DEEP
80	mau_0080	315.865	2214.945	145.2397	20.02255	18.3865395	3	DEEP
81	mau_0081	315.745	2214.295	145.2386	20.01666	20.6445999	3	DEEP
82	mau_0082	315.205	2215.925	145.2333	20.03134	20.2576008	3	DEEP
83	mau_0083	315.255	2216.015	145.2337	20.03215	24.1075993	3	DEEP
84	mau_0084	315.635	2214.255	145.2375	20.01629	18.0392685	3	DEEP
85	mau_0085	314.325	2216.515	145.2248	20.03658	25.7224998	3	DEEP
86	mau_0086	315.485	2215.635	145.2360	20.02874	29.2269077	3	DEEP
87	mau_0087	312.575	2215.765	145.2082	20.02964	18.0319004	3	DEEP
88	mau_0088	313.795	2216.585	145.2197	20.03716	18.1975994	3	DEEP
89	mau_0089	312.385	2215.525	145.2064	20.02745	28.4629993	3	DEEP
90	mau_0090	312.585	2213.755	145.2085	20.01148	21.1679993	3	DEEP
91	mau_0091	312.645	2213.655	145.2090	20.01059	28.7569008	3	DEEP
92	mau_0092	313.345	2216.405	145.2154	20.03549	28.9860992	3	DEEP
93	mau_0093	313.555	2216.505	145.2174	20.03642	27.1954994	3	DEEP
94	mau_0094	315.425	2215.925	145.2354	20.03136	23.3656006	3	DEEP
95	mau_0095	315.385	2213.925	145.2352	20.01329	28.1464996	3	DEEP
96	mau_0096	314.085	2216.615	145.2225	20.03746	27.9291000	3	DEEP
97	mau_0097	315.555	2215.565	145.2367	20.02812	29.2769165	3	DEEP
98	mau_0098	314.805	2216.245	145.2294	20.03419	18.4927940	3	DEEP
99	mau_0099	314.815	2215.055	145.2296	20.02344	29.0321007	3	DEEP
100	mau_0100	312.445	2214.515	145.2070	20.01833	28.3599319	3	DEEP
101	mau_0101	315.085	2213.785	145.2323	20.01199	19.6707954	3	DEEP
102	mau_0102	312.475	2215.675	145.2072	20.02881	19.5158005	3	DEEP
103	mau_0103	313.495	2216.325	145.2169	20.03478	29.8763008	3	DEEP
104	mau_0104	312.865	2214.655	145.2110	20.01964	19.5884991	3	DEEP
105	mau_0105	314.865	2213.585	145.2303	20.01017	22.2269001	3	DEEP