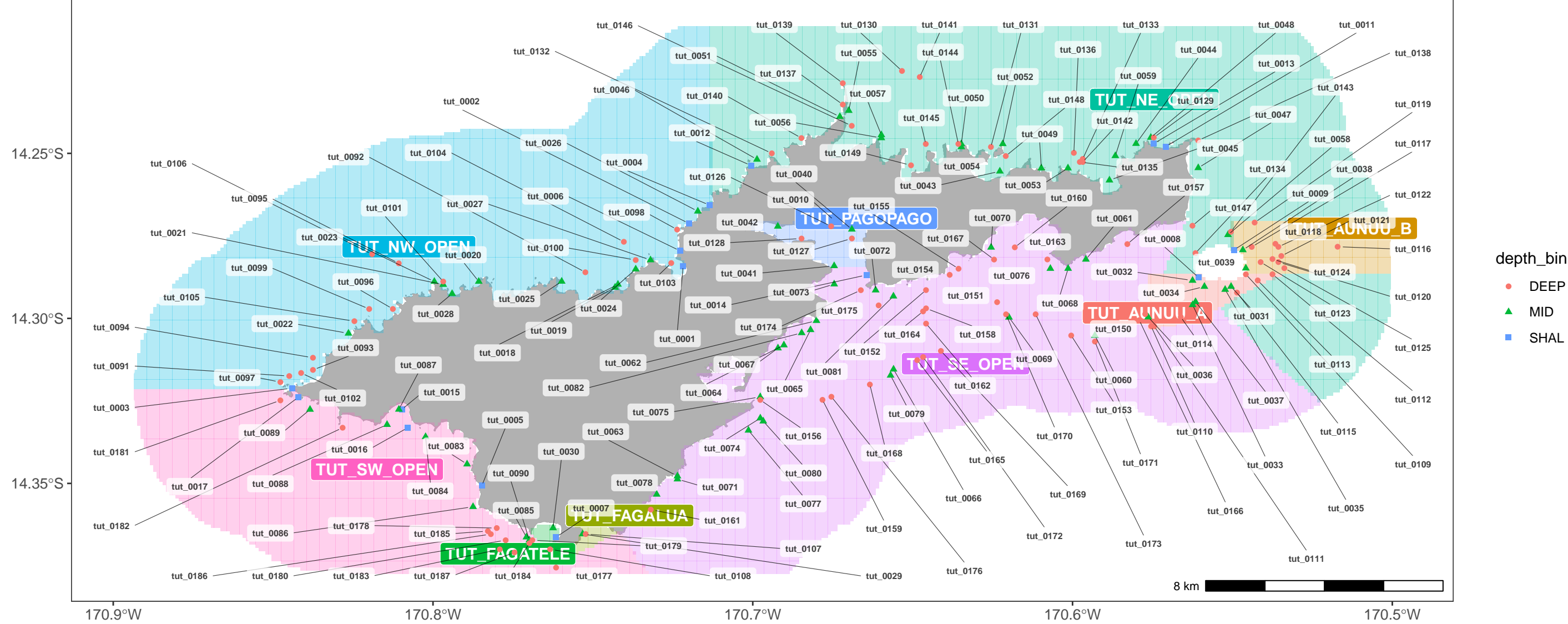


Island = TUTUILA
Number of strata = 28
Target survey effort = 180 sites
Total survey effort = 187 sites



	id	x	y	longitude	latitude	depth	strat	depth_bin
1	tut_0001	530.0073	-1579.170	-170.7218	-14.28415	3.4807321	1	SHAL
2	tut_0002	530.2071	-1577.742	-170.7199	-14.27124	4.0524156	1	SHAL
3	tut_0003	516.8205	-1583.250	-170.8440	-14.32115	1.4365196	1	SHAL
4	tut_0004	530.9064	-1577.130	-170.7135	-14.26569	3.2745848	1	SHAL
5	tut_0005	523.2141	-1586.514	-170.7847	-14.35062	1.9677861	2	SHAL
6	tut_0006	529.9074	-1578.660	-170.7227	-14.27954	5.5796277	2	SHAL
7	tut_0007	525.7116	-1588.248	-170.7615	-14.36627	5.1555527	3	SHAL
8	tut_0008	547.3899	-1579.578	-170.5606	-14.28760	4.0715876	4	SHAL
9	tut_0009	548.5887	-1578.660	-170.5495	-14.27928	5.7746373	5	SHAL
10	tut_0010	535.1022	-1577.640	-170.6746	-14.27026	0.4899634	6	SHAL
11	tut_0011	546.2910	-1575.192	-170.5709	-14.24796	3.5648379	7	SHAL
12	tut_0012	532.3050	-1575.804	-170.7005	-14.25369	4.7995096	7	SHAL
13	tut_0013	545.8914	-1575.090	-170.5746	-14.24704	3.3070436	7	SHAL
14	tut_0014	536.2011	-1579.476	-170.6644	-14.28684	0.7726799	8	SHAL
15	tut_0015	520.5168	-1583.964	-170.8097	-14.32758	5.6997082	9	SHAL
16	tut_0016	520.7166	-1584.576	-170.8079	-14.33311	5.5756852	9	SHAL
17	tut_0017	517.0203	-1583.556	-170.8422	-14.32392	2.7230047	9	SHAL
18	tut_0018	527.8095	-1579.782	-170.7422	-14.28971	9.9874809	10	MID
19	tut_0019	527.7096	-1579.884	-170.7431	-14.29063	7.7350919	10	MID
20	tut_0020	523.1142	-1579.680	-170.7857	-14.28883	8.4818912	10	MID
21	tut_0021	521.9154	-1579.782	-170.7968	-14.28976	15.3889622	10	MID
22	tut_0022	518.7186	-1581.414	-170.8264	-14.30454	8.5696707	10	MID
23	tut_0023	521.6157	-1579.680	-170.7996	-14.28884	15.9416526	10	MID
24	tut_0024	528.4089	-1579.272	-170.7366	-14.28509	14.5798375	10	MID
25	tut_0025	525.9114	-1579.680	-170.7598	-14.28880	9.5903305	10	MID
26	tut_0026	530.5068	-1577.334	-170.7172	-14.26754	11.2764107	10	MID
27	tut_0027	528.9084	-1578.966	-170.7320	-14.28232	7.7634145	11	MID
28	tut_0028	522.2151	-1580.088	-170.7940	-14.29252	6.6331238	11	MID
29	tut_0029	526.6107	-1588.146	-170.7532	-14.36534	9.8061814	12	MID
30	tut_0030	525.6117	-1587.942	-170.7625	-14.36351	12.7436183	13	MID
31	tut_0031	548.4888	-1579.884	-170.5504	-14.29034	16.0163108	14	MID
32	tut_0032	547.1901	-1579.680	-170.5625	-14.28852	16.7512742	14	MID
33	tut_0033	547.1901	-1580.496	-170.5625	-14.29590	15.0078045	14	MID
34	tut_0034	547.5897	-1579.884	-170.5588	-14.29036	7.3390860	14	MID
35	tut_0035	548.2890	-1579.986	-170.5523	-14.29127	17.0740166	14	MID
36	tut_0036	545.6916	-1580.904	-170.5763	-14.29961	17.8130293	14	MID
37	tut_0037	547.2900	-1580.394	-170.5615	-14.29498	14.2276434	14	MID
38	tut_0038	548.8884	-1578.660	-170.5467	-14.27927	15.9958289	15	MID
39	tut_0039	548.9883	-1579.272	-170.5458	-14.28480	11.6869517	15	MID
40	tut_0040	535.7016	-1577.946	-170.6690	-14.27302	8.1771674	16	MID
41	tut_0041	535.1022	-1579.170	-170.6745	-14.28409	6.9716020	16	MID
42	tut_0042	533.2041	-1577.844	-170.6922	-14.27212	16.4590491	16	MID
43	tut_0043	540.6966	-1576.008	-170.6227	-14.25542	11.1643031	17	MID
44	tut_0044	545.2920	-1575.090	-170.5801	-14.24705	12.3170820	17	MID
45	tut_0045	544.3929	-1576.314	-170.5885	-14.25813	6.4135915	17	MID
46	tut_0046	532.5048	-1575.600	-170.6987	-14.25184	14.1875641	17	MID
47	tut_0047	547.3899	-1575.906	-170.5607	-14.25440	16.6473777	17	MID
48	tut_0048	545.7915	-1574.886	-170.5755	-14.24520	11.8071101	17	MID
49	tut_0049	542.0952	-1575.906	-170.6098	-14.25448	9.6981140	17	MID
50	tut_0050	539.3979	-1575.090	-170.6348	-14.24714	15.5286914	17	MID
51	tut_0051	535.3020	-1574.172	-170.6728	-14.23890	10.4226599	17	MID
52	tut_0052	540.7965	-1575.090	-170.6218	-14.24712	12.5759744	17	MID
53	tut_0053	542.9943	-1575.906	-170.6014	-14.25447	8.8079950	17	MID
54	tut_0054	539.3979	-1575.192	-170.6348	-14.24806	11.5976651	17	MID
55	tut_0055	536.6017	-1573.968	-170.6700	-14.23705	11.2872700	17	MID
56	tut_0056	536.7006	-1574.886	-170.6598	-14.24533	17.8998986	17	MID
57	tut_0057	536.7006	-1574.784	-170.6598	-14.24441	17.2999788	17	MID
58	tut_0058	548.3889	-1578.150	-170.5514	-14.27467	16.0144639	17	MID
59	tut_0059	544.5927	-1575.498	-170.5866	-14.25075	11.5577527	17	MID
60	tut_0060	543.8934	-1581.516	-170.5930	-14.30518	17.1980053	18	MID
61	tut_0061	543.5937	-1578.966	-170.5958	-14.28212	9.5560447	18	MID
62	tut_0062	534.5028	-1581.006	-170.6801	-14.30070	6.6136689	18	MID
63	tut_0063	529.8075	-1586.208	-170.7236	-14.34779	12.2576873	18	MID
64	tut_0064	533.4039	-1581.822	-170.6903	-14.30809	17.7804094	18	MID
65	tut_0065	534.3030	-1581.312	-170.6819	-14.30347	14.4390088	18	MID
66	tut_0066	537.1002	-1582.638	-170.6560	-14.31542	12.2765710	18	MID
67	tut_0067	533.2041	-1581.924	-170.6921	-14.30901	16.6652920	18	MID
68	tut_0068	542.9943	-1579.272	-170.6014	-14.28490	13.4675074	18	MID
69	tut_0069	540.9963	-1580.904	-170.6199	-14.29969	15.6149438	18	MID
70	tut_0070	540.3969	-1578.558	-170.6255	-14.27848	15.7503629	18	MID
71	tut_0071	529.8075	-1586.310	-170.7236	-14.34871	16.9548426	18	MID
72	tut_0072	536.5008	-1579.986	-170.6616	-14.29145	7.4974675	18	MID
73	tut_0073	535.1022	-1579.782	-170.6745	-14.28962	17.8260950	18	MID
74	tut_0074	532.6047	-1584.270	-170.6976	-14.33023	9.4525438	18	MID
75	tut_0075	532.6047	-1583.556	-170.6977	-14.32378	17.1059236	18	MID
76	tut_0076	542.3949	-1579.272	-170.6069	-14.28491	13.5803667	18	MID
77	tut_0077	532.2051	-1584.678	-170.7013	-14.33393	11.0123553	18	MID
78	tut_0078	529.1082	-1586.820	-170.7300	-14.35333	17.0022550	18	MID
79	tut_0079	537.0003	-1582.842	-170.6569	-14.31727	11.7876772	18	MID
80	tut_0080	532.7046	-1584.372	-170.6967	-14.33115	12.4852737	18	MID
81	tut_0081	537.1002	-1580.190	-170.6560	-14.29329	13.9909461	18	MID
82	tut_0082	534.0033	-1581.414	-170.6847	-14.30439	17.1890175	18	MID
83	tut_0083	522.7146	-1585.800	-170.7893	-14.34417	13.6179703	19	MID
84	tut_0084	521.3160	-1584.882	-170.8023	-14.33588	15.9270829	19	MID
85	tut_0085	524.7126	-1588.248	-170.7708	-14.36628	17.1147433	19	MID
86	tut_0086	522.9144	-1587.228	-170.7875	-14.35708	16.3026629	19	MID
87	tut_0087	520.4169	-1583.964	-170.8107	-14.32758	6.6975785	19	MID
88	tut_0088	520.0173	-1584.474	-170.8144	-14.33220	10.4587863	19	MID
89	tut_0089	517.4199	-1583.964	-170.8385	-14.32760	14.7035360	19	MID
90	tut_0090	524.8125	-1588.350	-170.7699	-14.36720	16.7075710	19	MID
91	tut_0091	516.7206	-1582.842	-170.8450	-14.31746	26.7842772	20	DEEP
92	tut_0092	526.7106	-1579.374	-170.7523	-14.28603	20.6737208	20	DEEP
93	tut_0093	517.5198	-1582.638	-170.8375	-14.31561	18.7512323	20	DEEP
94	tut_0094	517.5198	-1582.230	-170.8375	-14.31192	29.1958934	20	DEEP
95	tut_0095	520.4169	-1579.068	-170.8107	-14.28331	26.0112976	20	DEEP
96	tut_0096	520.2171	-1580.598	-170.8125	-14.29715	23.5085496	20	DEEP
97	tut_0097	516.4209	-1583.046	-170.8477	-14.31931	26.9565582	20	DEEP
98	tut_0098	548.2075	-1577.946	-170.7237	-14.27308	27.1029901	20	DEEP
99	tut_0099	519.4179	-1580.598	-170.8200	-14.29716	29.9252911	20	DEEP
100	tut_0100	528.4089	-1578.966	-170.7366	-14.28232	29.7183662	20	DEEP
101	tut_0101	521.9154	-1579.680	-170.7968	-14.28884	25.1907716	20	DEEP
102	tut_0102	517.1202	-1582.740	-170.8412	-14.31654	29.4276551	20	DEEP
103	tut_0103	529.6077	-1579.068	-170.7255	-14.28323	23.3685866	20	DEEP
104	tut_0104	528.0093	-1578.354	-170.7403	-14.27679	28.2064841	20	DEEP
105	tut_0105	518.9184	-1581.006	-170.8246	-14.30085	20.6520706	20	DEEP
106	tut_0106	519.5178	-1578.762	-170.8190	-14.28055	29.6245688	20	DEEP
107	tut_0107	526.7106	-1588.146	-170.7523	-14.36534	19.2300903	21	DEEP
108	tut_0108	525.5118	-1588.656	-170.7634	-14.36996	26.5250540	22	DEEP
109	tut_0109	548.9883	-1579.476	-170.5458	-14.28665	18.6626208	23	DEEP
110	tut_0110	545.7915	-1581.210	-170.5754	-14.30238	19.1754248	23	DEEP
111	tut_0111	545.8914	-1581.210	-170.5745	-14.30238	22.0070215	23	DEEP
112	tut_0112	549.8874	-1579.476	-170.5375	-14.28663	26.0792019	23	DEEP
113	tut_0113	549.3879	-1579.680	-170.5421	-14.28848	28.57477325	23	DEEP
114	tut_0114	546.7905	-1580.904	-170.5662	-14.29960	21.0700034	23	DEEP
115	tut_0115	548.6886	-1580.088	-170.5486	-14.29218	27.6819515	23	DEEP
116	tut_0116	552.0852	-1578.558	-170.5171	-14.27829	29.6242759	24	DEEP
117	tut_0117	549.1881	-1578.558	-170.5440	-14.27834	18.3287487	24	DEEP
118	tut_0118	549.9873	-1578.456	-170.5366	-14.27741	26.5468287	24	DEEP
119	tut_0119	549.2880	-1577.742	-170.5431	-14.27096	29.1438455	24	DEEP
120	tut_0120	550.0872	-1579.068	-170.5356	-14.28294	23.8901771	24	DEEP
121	tut_0121	550.1871	-1578.864	-170.5				