

**NOAA/PMEL Vents Program Upcoming Undersea Feature Submissions: Mariana Arc region** (work in progress)

**Undersea Features New Name Submissions:**

Area	Proposed Name	active vents	z-min	Longitude	Latitude	Naming reason	Reference (to be completed)
Mariana EEZ	NW Rota-1 (current submission)	y	527	144.775434	14.601048	named for nearby island	Embley et al.; Eos Trans. AGU; 85(4); 37;40; 2004
Mariana EEZ	NW Rota-2		1786	144.8917	14.6192	named for nearby island	
Mariana EEZ	NW Rota-3		1201	144.9958	14.5958	named for nearby island	
Mariana EEZ	NW Rota-4		945	145.0783	14.7333	named for nearby island	
Mariana EEZ	NW Rota-5		1294	144.9172	14.6849	named for nearby island	
Mariana EEZ	Toto		2287	143.5283	12.7133		K. Nakamura and J.-I. Ishibashi; pers. comm.
Mariana EEZ	Forecast	y	1480	143.9200	13.3917		Gamo et al.; InterRIDGE News; 2; 11-14; 1993
Mariana EEZ	Seamount X	y	1230	144.0167	13.2500		Masuda et al.; JAMSTEC J Deep-Sea Res.; 10; 175-185; 1994.
Mariana EEZ	NW Guam		1170	144.6375	14.0167	named for nearby island	
Mariana EEZ	N Esmeralda		155	145.2417	15.0383	near Esmeralda Bank	Stuben et al.; Mar. Geol.; 103; 521-528; 1992.
Mariana EEZ	W Tinian		35	145.4167	15.0833	named for nearby island	
Mariana EEZ	W Saipan		293	145.4500	15.3000	named for nearby island	
Mariana EEZ	Ruby		180	145.5733	15.6042		Baker et al. JGR; 113; B08S09; doi:10.1029/2007JB005423
Mariana EEZ	N Ruby		726	145.5883	15.6583		
Mariana EEZ	W Diamante		367	145.4133	15.9542		
Mariana EEZ	Middle Diamante		1149	145.5333	15.9500		
Mariana EEZ	E Diamante	y	127	145.6583	15.9167		Embley et al.; Eos Trans. AGU; 85(4); 37;40; 2004
Mariana EEZ	NE Anatahan		459	145.7833	16.4250	named for nearby island	
Mariana EEZ	S Sarigan		316	145.7750	16.5875	named for nearby island	
Mariana EEZ	W Sarigan		212	145.6200	16.7417	named for nearby island	
Mariana EEZ	W Zealandia		619	145.7208	16.8875		
Mariana EEZ	Zealandia Bank	y	144	145.8000	16.8833		Embley et al.; Eos Trans. AGU; 85(4); 37;40; 2004
Mariana EEZ	W Guguan 1		906	145.7292	17.2792	named for nearby island	
Mariana EEZ	W Guguan 2		803	145.5750	17.2650	named for nearby island	
Mariana EEZ	W Guguan 3		1678	145.3250	17.3400	named for nearby island	
Mariana EEZ	Maug	y	54	145.2217	20.0208		Embley et al.; Eos Trans. AGU; 85(4); 37;40; 2004
Mariana EEZ	Supply Reef		?	145.1000	20.1300		
Mariana EEZ	Ahyi		64	145.0292	20.4375		Embley et al.; Eos Trans. AGU; 85(4); 37;40; 2004
Mariana EEZ	Makhahnas		416	144.8417	20.4667		
Mariana EEZ	NW Uracas	y	703	144.8400	20.5833	named for nearby island	
Mariana EEZ	S Daikoku-1		< 301	144.5250	21.0225	named for nearby feature	
Mariana EEZ	S Daikoku-2		1880	144.4167	21.2083		
Mariana EEZ	SW Daikoku		936	143.9292	21.1267		
Mariana EEZ	Daikoku	y	323	144.1942	21.3242		Embley et al.; Eos Trans. AGU; 85(4); 37;40; 2004
Mariana EEZ	Eifuku		284	144.1450	21.4150		
Mariana EEZ	NW Eifuku	y	1551	144.0433	21.4875		Embley et al.; Eos Trans. AGU; 85(4); 37;40; 2004
Mariana EEZ	Kasuga-1		583	143.7083	21.7767		
Mariana EEZ	Kasuga-3		1120	143.6333	21.4000		McMurtry et al.; Earth Planet. Sci. Lett.; 114; 517-528; 1993.
Mariana EEZ	Fukujin		?	143.4583	21.9417		
Mariana EEZ	N Backarc ?		2418	143.1067	21.9117		

### Undersea Features New Name Submissions (outside Mariana EEZ; inside Japan EEZ):

Japan EEZ	Ichiyō		1511	142.5333	22.9375	
Japan EEZ	N Fukuyama		1356	143.1192	22.3775	
Japan EEZ	N Syoyo		516	142.725	22.7792	
Japan EEZ	NE Nikko		533	142.3632	23.1114	
Japan EEZ	Nikko	y	392	142.3255	23.0784	
Japan EEZ	NW Nikko		1122	142.12	23.1542	
Japan EEZ	NW Syoyo		1255	142.4667	22.695	
Japan EEZ	S Fukuyama		1422	143.0958	22.355	
Japan EEZ	SW Syoyo		1424	142.7617	22.3867	
Japan EEZ	Syoyo		481	142.9833	22.475	
Japan EEZ	W Syoyo		1735	142.5333	22.5083	

### Undersea Features Alternative Name Submissions:

Current Name	Alternative Name	active vents	z-min	Longitude	Latitude	Reference
TAGA	W Rota		309	144.8333	14.3250	
MINAMIKASUGA	Kasuga-2	y	297	143.6417	21.6100	McMurtry et al.; Earth Planet. Sci. Lett.; 114; 517-528; 1993.

### Undersea Features Updated Position Information Submissions:

Feature	Current Position	Depth	Updated:	Longitude	Latitude	Reference
Cheref	145°27'41.261"E 19°55'6.046"N	< 109		145.4667	19.4083	
Chamorro	144°42'3.19"E 20°18'32.376"N	804		144.7042	20.8100	Baker et al. JGR; 113; B08S09; doi:10.1029/2007JB005423