

Country	Dates	PI	Ship	Cruise ID / Location	Research Objectives
China / USA	May 2008	C. Tao, J. Lin, C. German, D. Yoerger	R/V Dayang Yihao with ABE	DY115-20 / EPR (Equatorial)	Locate vents where hydrothermal plume was discovered in 2005
China / USA	11-17 Sep 2008	COMRA, C. German	R/V Atlantis with Alvin	Juan de Fuca (Endeavour)	Vent research and training of Chinese HOV engineers and pilots
France	15 Jun - 18 Jul 2008	V. Ballu, P.-M. Sarrazin, J. Escartin	R/V Pourquoi Pas? with ROV Victor	Bathyluc'08 / MAR (Lucky Strike)	MOMAR – Lucky Strike
France	Summer 2008	W. Crawford	R/V Le Suroît	BBMOMAR 2 / MAR	Recover and re-install OBSs from BBMOMAR in 2007
France	2008, dates undetermined	J. Dymont, F. Gaill, Y. Fouquet	R/V Pourquoi Pas? with ROV Victor	MOMARDREAM'08 / MAR (Rainbow)	See MOMARDREAM article by Gaill et al., this issue
France	2008, dates undetermined	J. Y. Royer	R/V Marion Dufresne	Indian Ocean	Recovery of hydrophones moored in 2006 during cruise PLURIEL
France / Portugal	2008, dates undetermined	J. Goslin	To be determined	MAR (Lucky Strike)	Recovery of hydrophones re-moored during MARCHE 2 in 2007
Germany	9 Sep - 19 Oct 2008	R. Seifert	R/V Meteor with ROV and AUV	M77/1 / MAR (4-11°S)	Biology, fluid chemistry
Germany	20 Nov - 22 Dec 2008	I. Grevemeyer	R/V Maria S. Merian	MSM10/2 / MAR (15°N)	Geophysics
Germany	15 Jan - 15 Feb 2009	N. Dubilier	R/V Maria S. Merian with ROV	MSM10/3 / MAR (15°N)	Biology, fluid chemistry, time series measurements
Japan	26 Nov - 3 Dec 2007	N. Seama	R/V Kairei	KR07-16 / central Mariana arc-backarc	Recovery of ocean bottom electro-magnetometers (OBEMs)
Japan	5-27 Jan 2008	H. Kumagai, K. Okino, N. Seama	R/V Hakuho-maru	KH07-4-2 / SW Indian Ridge near the Marion hot spot (26-39°E)	Geophysical surveys, deployment of OBEMs, and rock sampling
Japan	Feb 2009	H. Kumagai, K. Okino, N. Seama	R/V Hakuho-maru	KH08-4 / SW Indian Ridge near the Marion hot spot (26-39°E)	Dredging and geophysical mapping, OBEM recovery
Japan	25 Nov 2008 - Jan 2009	N. Abe	R/V Mirai	MR08-06 Leg 1 / Chile Triple Junction	Oceanic crust formation
New Zealand / Italy	Nov 2007	C. de Ronde	R/V Urania	Aeolian arc	Hydrothermal plume mapping survey of submarine volcanic centers
Norway	2008, dates undetermined		To be determined	N Atlantic / Arctic Knipovich Ridge	Locate vents in vicinity of seawater anomaly discovered in 2007
Russia	Nov 2007 - Jul 2008		R/V "Professor Logachev"	MAR (19-22°N)	Regional surveying and mapping in axial zone
Russia / India	Summer 2008		R/V "Akademik Boris Petrov"	Indian Ocean	Multidisciplinary investigations
UK	Jan 2009	R. Larter	RRS James Cook	E Scotia Ridge	ESR survey and plume/vent location
UK	Jan 2010	P. Tyler	RRS James Cook with ROV Isis	E Scotia Ridge	Detailed analysis of ESR vents

UK		Jan 2011	A. Rogers	RRS James Cook with ROV Isis	Bransfield Strait	Vents and seeps in Bransfield Strait
USA / France / UK	7-25 Nov 2007	E. Fueri, D. Hilton	R/V Revelle	Central Indian Ridge (Rodriguez and Magt)	Multibeam survey and rock dredge sampling	
USA	13 Nov - 3 Dec 2007	L. Mullineaux	R/V Atlantis with Alvin	LADDER 3 / EPR (9°N)	Dispersal of hydrothermal vent species	
USA	28 Nov - 9 Dec 2007	J. MacKinnon	R/V Revelle	SW Indian Ridge	Internal waves and mixing in the water column above the SWIR	
USA	8-22 Dec 2007	K. Von Damm	R/V Atlantis with Alvin	EPR (9°N)	Temporal variations in hydrothermal fluid chemistry	
USA	28 Dec 2007 - 19 Jan 2008	S. Sievert, K. Ding	R/V Atlantis with Alvin	EPR (9°N)	Microbiology and in situ chemistry of hydrothermal vent fluids	
USA	31 Dec 2007 - 17 Jan 2008	H. Singh	R/V Knorr with AUVs	Dive and Discover #12 / S MAR	Exploration of hydrothermal vents with autonomous underwater vehicles	
USA	7-30 Jan 2008	J. MacKinnon	R/V Revelle	SE Indian Ridge	Internal waves and mixing in the water column above the SWIR	
USA	7 Apr - 8 May 2008	F. Martinez	R/V Kilo Moana	Lau Basin	Sonar and hydrothermal plume/field mapping	
USA	3-18 Jun 2008	G. Luther, S. Nooner	R/V Atlantis with Alvin	EPR (9°N)	In situ chemistry	
USA	3-22 Jul 2008	R. Lee, D. Di Iorio	R/V Atlantis with Alvin	Juan de Fuca	Hydrothermal vent flow and turbulence	
USA	Summer 2008	D. Toomey	R/V Langseth	Juan de Fuca (Endeavour)	Seismic survey	
USA	9 Jul - 15 Aug 2008	A. Reysenbach, K. Ding, J. Seewald	R/V Revelle with ROV Jason II	MAR (Lucky Strike, Rainbow, Lost City, Snake Pit)	Microbiology, vent chemistry	
USA	27 Jul - 12 Aug 2008	J. Cowen, A. Fisher, M. Tivey	R/V Atlantis with Alvin	Juan de Fuca	Microbial ecology and instrumentation for optical communication to sensors	
USA	17 Aug - 6 Sep 2008	J. Holden, D. Di Iorio	R/V Atlantis with Alvin	Juan de Fuca (Endeavour)	Microbiology and hydrothermal vent flow and turbulence	
USA	13-29 Oct 2008	A. Teske	R/V Atlantis with Alvin	Guaymas	Microbiology	
USA	3-23 Nov 2008	D. Caron, K. Wommack	R/V Atlantis with Alvin	Guaymas and EPR (9°N)	Protists and viruses at hydrothermal vents	
USA	28 Nov - 17 Dec 2008	S. Sievert	R/V Atlantis with Alvin	EPR (9°N)	Microbiology and biogeochemistry	
USA	2009, dates undetermined	D. Wiens	R/V Langseth	Lau Basin	Seismic survey	
USA	2009, dates undetermined	C. Fisher, A. Reysenbach	To be determined	Lau Basin	Macro- and micro-biology at vent fields	