

Location of the Working Area and Coordinates	Preferred Season and Year	Research Vessel	Chief Scientist and Institution	Acronym	Workdays at Sea	Berth (free/occupied)	GPF Ref. Number
North Atlantic, Baltic Sea							
Northern North Atlantic (Iceland) 69°N, 35°W - 59°N, 0°E	June - September 2019-2020	MARIA S. MERIAN	G. Uenzelmann-Neben (AWI)	IFR overflow	32	6/17	GPF 18-1_29
Baffin Bay, Disko Bay (EEZ Greenland) 68°20'N, 53°55'W Scott Inlet (EEZ Canada) 71°25'N, 68°30'W	August - September 2021	MARIA S. MERIAN	G. Bohrmann, M. Römer (MARUM)	Baffin Hydrocarbons	26	1/22	GPF 18-1_45
Hudson Bay, Hudson Strait, Labrador Shelf and Slope 62°07.74'N, 61°28.51'W - 58°30.00'N, 19°35.30'E	August - September 2019 or 2020	MARIA S. MERIAN	R. Schneider (U Kiel)	Hudson Bay Paleo	30	1/22	GPF 18-1_93
Skagerrak area 58.1°N, 20°E Eastern Gotland Basin 57.3°N, 20°E	Summer 2020	MARIA S. MERIAN	O. Schmale (IOW)	OxiMeth	19	0/23	GPF 19-1_101
Northwestern Barents Sea (Norwegian EEZ) 73°23'N, 15°51'E - 77°51'N, 32°38'E	May to September 2021	MARIA S. MERIAN	M. Schnabel (BGR)	MIBAS	23	2/21	GPF 20-1_070
Gotland Basin, Landsort Deep, Fårö Deep 58.7°N, 17.8°E - 57.3°N, 20°E	April to June 2022	METEOR or MARIA S. MERIAN	H. Schulz-Vogt (IOW)	MnION	18	1/22 (MSM) 6/22 (M)	GPF 20-2_004
North Atlantic. East Greenland from Cape Farewell to Fram Strait 66.88°N and 24.52°W, most westerly station at 59.92°N and 47.52°W, coast of Greenland (72.93°N and 19.81°W)	August-September 2022	MARIA S. MERIAN	M. Hopwood (GEOMAR)	POLAR BEAST	34	0/23	GPF 21-1_062
North Sea focus on the Entenschnabel region, Eckernförde Bay close to the Boknis Eck, Skagerrak	Oct 2021 - Feb 2022	MARIA S. MERIAN, METEOR	A. Kopf, (MARUM)	RoboLeaks	14	7/15	GPF 21-2_055
Central Labrador Sea: First station - approximately 53N, 48W Last station - unknown as we propose to follow a tracer patch (approximate location 56.5N, 52W)	November/ December 2022	MARIA S. MERIAN	C. Marandino (GEOMAR)	BELS	27	1/22	GPF 21-1_022
Tropical Atlantic							
Cariaco Basin off Venezuela 10°55'N, 65°39'W - 10°30'N, 61°30'W	November 2017 - March 2018	METEOR	K. Jürgens (IOW)	CARIACO	18	0/28	MerMet 16-70
Campos Basin offshore Brazil 23°S, 41°W - 21.5°S, 36.8°W	2019 or 2020	MARIA S. MERIAN	M. Perez Gussinye (U Bremen)	CAMPOSEIS	27	1/22	GPF 18-1_42
Madeira 32°34'N, 16°54'W - 32°37'N, 17°22'W	Fall 2020	MARIA S. MERIAN	J. Dierking (GEOMAR)	Jellyweb Madeira	21	1/22	GPF 19-1_117
Rio Magdalena Delta, Colombia 11.04°N, 74.81°E	September to November	METEOR or MARIA S. MERIAN	C. Winter (U Kiel)	RM ROFI	26	0/23 (MSM) 5/23 (M)	GPF 19-1_118
Central tropical Atlantic South of 15°N, 38-23°W	July - September 2021 or 2022	METEOR or MARIA S. MERIAN	J. Windmiller (MPI-M Hamburg)	BOW-TIE	36	4/24 (M) 2/23 (MSM)	GPF 20-1_072
Azores Plateau 39°N, 29°W - 37.5°N, 26°W	2022	METEOR or MARIA S. MERIAN	C. Schmidt (GEOMAR)	Azores Hot Vents	26	0/23 (MSM) 5/23 (M)	GPF 20-2_003
Vema fracture zone, equatorial Atlantic, 10°-11°N, 40-45°W	not specified	METEOR	W. Bach (U Bremen)	VEMANTLE	20	0/23	GPF 21-1_047
Moroccan EEZ 23°N - 34°N, 008°W - 020°W	any	MARIA S. MERIAN	S. Krastel (U Kiel)	WAVETEAM	28	1/22	GPF 21-1_032
Bay of Bisca, west of the Iberian Peninsula, Strait of Gibraltar First station: 47°06'N 06°31'W Southernmost station: 36°09'N 07°16'W Last station: 46°16'N 07°04'W	April/May or October/November	MARIA S. MERIAN or METEOR	R. Hanel (vTI)	ASSOCIATE	21	10/13	GPF 20-3_086
Mid-Atlantic Ridge between 38°20'N, 30°40'W and 29°11'N, 43°10'.	August-September	METEOR	W. Bach (U Bremen)	DIVE@MAR	21	0/29	GPF 18-2_032

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First station T1: 10°23'52" N, 027°21'11" W; last station EBS12: 10°20'20.04" N, 027°3'33" W	November – May (avoiding Hurricane season)	METEOR	T. Riehl (Senckenberg)	RUBBLE	26	3/25	GPF 21-1_060
South Atlantic							
South Orkney Islands, Elephant Island, South Shetland Islands 59°51.1'S, 49°38.9' W - 62°49.4'S, 62°12.8'W	February/March	MARIA S. MERIAN	H. Herr (U Hamburg)	FINWAP	25	3/20	MerMet 17-25
Continental margin off Argentina and Uruguay 34.5°S, 51°W - 36°S, 53°W 37°S, 55°W - 39°S, 54°W	Austral Summer 2021	METEOR	C. Wienberg (MARUM)	ARGURU	25	1/27	GPF 19-2_043
Rio Grande Rise 30°S, 35°W	November / December	METEOR or MARIA S. MERIAN	H. Pälike (MARUM)	RIOGRANDE	25	1/22 (MSM) 6/22 (M)	GPF 20-1_015
South East Atlantic Ocean, including Namibian EEZ 26.31°S, 13.04°E - 26.44°S, 5°E	December 2020 - February 2021	METEOR	T. Browning (GEOMAR)	ReSEAt	33	0/28	GPF 20-1_036
Rio Pará and Amazon River estuary and plume, and mangrove belt southeast of the Rio Pará 3°S, 40°W - 4°N, 45°W 7°N, 48°W - 7°N, 53°W	November 2022 - January 2023	METEOR	A. Koschinsky (Jacobs U Bremen)	Amazon-GEOTRACES-2	26	0/28	GPF 20-1_057
Benguela Northwestern position: 6°S, 11°E Southwestern Position: 23°S, 11°30'E	February-April	METEOR	M. Dengler (GEOMAR)	BANINO	25	1-2/26-27	GPF 19-2_075
Eastern South Atlantic 31°S, 4°E - 34°S, 9°E 30°S, 12°W - 33°S, 7°W	February/March 2022	METEOR or MARIA S. MERIAN	C. Mertens (U Bremen)	SONETT II	28	1/22 (MSM) 6/22 (M)	GPF 20-2_037
Transit Las Palmas - Cape Town	no longer specified (August - September)	METEOR	M. Siccha (MARUM)	FROX	1	6	GPF 20-2_063
South East Atlantic Ocean: 11.70°E to 10.00°W along 18.0°S. First station: 11.70°E, 18.0°S; last station: 10.0°W, 18.0°S.	March-June 2022	METEOR, MARIA S. MERIAN	E. Achterberg (GEOMAR)	FRODO	28	0/28	GPF 21-1_007
Mediterranean and Black Sea							
Greek West Coast, SE of Peloponnes, Coasts of Western Crete 39.55°N, 20.60°E - 35.03°N, 25.05°E	Spring - Summer	METEOR	J. Pross (U Heidelberg)	CYRTACI	19	0/28	GPF 19-1_82
Milos, Greece 36°54'N, 24°05'E - 36°32'N, 24°40'E	April to October	METEOR or MARIA S. MERIAN	S. Bühring (MARUM)	BRIDGEHELL	10+15	1/22 (MSM) 6/22 (M)	GPF 20-2_019
western Sicilian Channel, exclusively in Italian waters First station: 37.4234°N, 12.9162°E; last station: 36.0318°N, 12.7492°E	Spring/summer 2022 is the preferred period	MARIA S. MERIAN	A. Micallef (GEOMAR)	SUAVE	14	6/16	GPF 21-1_036
Northern Red Sea in the Al Wajh area on the Saudi Arabia Shelf (26°N to 25°N). First station: 25°50'33.99"N 36°25'29.47"E Last station: 25°20'0.18"N 36°38'59.69"E	2022 or 2023	METEOR	H. Westphal (ZMT)	REPLENISH	22	0/28	GPF 21-1_026
Northern Indian Ocean							
Arabian Sea 25°N, 62°W - 22°N, 68°W	February	SONNE	B. Gaye (U Hamburg)	BIOCAN-IIOE2	20	0/40	S-554
Red Sea 25°N, 41°E - 16°N, 42°E	not in Ramadan	SONNE	N. Augustin (GEOMAR)	HEXPLORES	20	0/40	S-592
Western Arabian Sea 16°32.6'N, 60°17.8'E 15°52.3'N, 61°33'E	originally scheduled for December 2020 (SO279)	SONNE	N. Lahajnar (U Hamburg)	WAST Dredge	2	34/6	S-593
Bengal Shelf 22°N, 89°E - 17°N, 92°30'E	December to February	SONNE	V. Spieß (U Bremen)	Bengal Shelf	34	2/38	S-594

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Offshore Indus River mouth (EEZ of Pakistan) 23°1.9'N, 66°23.4'E 23°7.9'N, 66°29.5'E	April - May or September - October 2021 or later	SONNE	M. Mohtadi (MARUM)	SAMOVAR	27	7/33	GPF 20-1_026
Arabian Sea Western Indian Margin and EEZ Sri Lanka EEZ Southern Bay of Bengal 20°N, 65°E - 5°N, 87°E	October - March 2021	SONNE	V. Spieß (U Bremen)	WinTip	40	1/39	GPF 20-1_063
Southern Indian Ocean							
West Indian Ocean, East African continental slope between Tanzania/Mozambique and Madagascar, Comoros area 10°S, 42.5°E - 14°S, 49.5°E 9°S, 39°E - 15°S, 42.5°E	originally scheduled for June 2020 (SO275)	SONNE	D. Hebbeln (MARUM)	COWIO	26	15/25	S-491
Indian Ocean south of Madagascar 26°S, 42°E - 36°S, 49°E	December - January 2018 or later	SONNE	W. Jokat (AWI)	CRUMAD	43	21/19	S-517
Southeastern Indian Ocean south of Madagascar 25°S, 42°E - 40°S, 52°E	January - April or October - December	SONNE	R. Werner (GEOMAR)	MADA-GASCAR	34	5/35	S-531
Southeastern Indian Ocean south of Madagascar 25°S, 42°E - 40°S, 52°E	secondary use of S-531	SONNE	A. Engel (GEOMAR)	INDICOM	4	3	S-598 secondary use
Southern Indian Ocean Transect from Freemantle (AUS) to Durban (RSA) along 23°S	March - June	SONNE	E. Achterberg (GEOMAR)	GEOTRACES SIO	27	0/40	S-562
Central Indian Ridge	autumn - spring	SONNE	M. Engels (BGR)	SCIROCCO	27	15/25	S-585
Southern Indian Ocean 46°S, 70°E - 55°S, 85°E	December - February	SONNE	W. von Appen (AWI)	SUMP	31	4/36	S-603
West Pacific, Northern Hemisphere							
Hess Rise between Kamchatka and Hawaii 41°N, 174°W - 30°N, 172°W	April - July 2019 or later	SONNE	J. Geldmacher (GEOMAR)	HESS EVOLUTION	43	15/25	GPF 18-1_68
Kuril-Kamchatka-Trench, Japan Trench, Izu-Bonin Trench 47°N, 140°E - 29°N, 155°E	2021	SONNE	F. Wenzhöfer (MPI Bremen)	Triple Trench	35	2/38	GPF 19-1_115
West Pacific, Southern Hemisphere							
Louisville Seamount Chain NE of New Zealand 27°S, 173°W - 32°S, 171°W	2018 or later	SONNE	T. Kuhn (BGR)	LOUISVILLE RIDGE	32	5/35	S-608
Central Kermadec Arc (N of New Zealand) 34.6°S, 178.9°E - 35.1°S, 179.3°E	December - February 2020 or later	SONNE	C. Berndt (GEOMAR)	BRASS	24	4/36	GPF 19-2_050
Norfolk Ridge, Norfolk Basin, Three Kings Ridge and South Fiji Basin (N of New Zealand) 28°55'S, 171°E - 31°26'S, 173°10'E (Leg 1) 30°55'S, 177°35'E - 32°42'S, 172°25'E (Leg 2)	October - April 2022	SONNE	K. Hoernle (GEOMAR)	ArcCycles	27 (Leg 1) 33 (Leg 2)	3/37 (Leg 1) 18/22 (Leg 2)	GPF 19-2_067
S Pacific Ocean a zonal section at 32.5°S from Chile (71.6°W) towards New Zealand (180°W)	preferably in austral summer (or austral spring or autumn)	SONNE	E. Achterberg (GEOMAR)	S Pacific GEOTRACES	45	40	GPF 18-1_032
Vanuatu: between 17°20'S, 168°35'E and 13°40'S, 169°E.	June-October	SONNE	K. Haase (Erlangen)	VANUATU II	24	5/35	GPF 21-1_053
New Zealand: The geographical (lat lon) coordinates (counterclockwise from SW) are: (172.9°, -43.3°), (176.0°, -43.3°), (176.0°, -40.8°), (172.9°, -40.8°).	November-March	SONNE	Crutchley (GEOMAR)	SUBTRANS	23	4/36	GPF 21-1_018
East Pacific, Northern Hemisphere							

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off California 32°N, 119°W - 31°N, 117°W	2015 or later	SONNE	G. Bohrmann (MARUM)	BARITE VENTING	12 (Leg 1) 22 (Leg 2)	10/30 (Leg 1) 0/40 (Leg 2)	S-543
Guaymas Basin, Gulf of California 28°N, 112°W - 27°N, 111°W	June - July 2018	SONNE	C. Berndt (GEOMAR)	MAKSIM	24	3/37	S-580
Cascadia Margin off Oregon 45°N, 126°W - 44°N, 124°W	2018 or later	SONNE	G. Bohrmann (MARUM)	CASCADIA HYDY	17 (Leg 1) 18 (Leg 2)	11/29 (Leg 1) 0/40 (Leg 2)	S-588
Equatorial East Pacific Rise 2°20'N, 101°20'W	2018 or later	SONNE	J. Koepke (U Hannover)	HESS DEEP	28	9/31	S-612
Clarion-Clipperton Fracture Zone 11°56'N, 117°2'W - 14°7'N, 125°53'W	Spring or Fall 2021	SONNE	M. Haeckel (GEOMAR)	NoduleMonitoring2	44	0/40	GPF 20-1_051
East Pacific, Southern Hemisphere							
Upwelling Region off Concepción, Patagonian fjord region (Chile) 36°S, 76°W - 52°S, 73°W	December - January or March	SONNE	H. Schulz-Vogt (IOW)	MAPUCHE	27	15/25	S-584
South Chilean fjord and canal system and adjacent ocean 40°S, 80°W - 58°S, 65°W	End February to Mid April 2020	SONNE	O. Zielinski (U Oldenburg)	CHL-A-HAB	29	7/33	GPF 18-1_53
Pacific-Antarctic Ridge south of Easter Islands 35°S, 115°W - 43°S, 107°W	December - February 2020 or later	SONNE	K. Haase (U Erlangen)	Sprinter	44	4/36	GPF 19-1_89
Off Northern Chile 18°30'S, 72°20'W - 24°30'S, 70°14'W	2022 or first half of 2023	SONNE	P. Grunert (U Köln)	CARNIVAL	30	0/40	GPF 20-2_058
Equatorial Pacific Ocean: Along a zonal section from Guayaquil (Ecuador) to Port Moresby (Papua New Guinea).	Season is not important for this equatorial cruise	SONNE	E. Achterberg (GEOMAR)	GEOTRACES GP11	44	0/40	GPF 19-1_087