

Main Information on researches of R/V «Akademik Nikolaj Strakhov» in Central Atlantic and other vessels with participation of Laboratory of geomorphology and ocean floor tectonics (GIN RAS) staff members.

Vessel	№ Leg	Begin	End	Captain	Chief of expedition	Head Institute	Region	Project	Equipment/Methods
Strakhov	1	22.06.85	02.09.85	Latozha V.I.	Bebeshev I.I.	GIN	14-35 N	Lithos, Sediment	MB, SC, dredge, core, magnetometry, ROSETT, photo
Strakhov	2	18.11.85	08.03.86	Latozha V.I.	Antipov M.P.	GIN	10 -25 N	Lithos, Sediment	MB, SC, dredge, core, magnetometry, ROSETT, bathometry
Strakhov	3	21.05.86	03.09.86	Latozha V.I.	Raznitsyn Yu.N.	GIN	15 N	Lithos	MB, SC, dredge, core, magnetometry, MC, ROSETT, photo
Strakhov	6	29.09.87	01.02.88	Nikolaenko V.E.	Raznitsyn Yu.N.	GIN	15 N, 7 -9 N	Lithos	MB, SC, dredge, magnetometry, MC, OBS, photo
Strakhov	7	01.04.88	04.08.88	Belyaev V.G.	Udintsev G.B.	GIN	4 N	Lithos	MB, SC, dredge, core, magnetometry, photo
Strakhov	9	25.10.89	25.02.90	Belyaev V.G.	Raznitsyn Yu.N.	GIN	11-15 N, 7 -9 N	Lithos	MB, SC, dredge, magnetometry, OBS, photo
Strakhov	11	10.08.90	09.12.90	Klepikov I.M.	Udintsev G.B.	GIN	2 -4,5 N	Lithos, Tethys	MB, SC, dredge, core, magnetometry, gravimetry, MC, OBS
Strakhov	12	31.01.91	04.05.91	Belyaev V.G.	Udintsev G.B.	GIN	2 -4,5 N	Lithos	MB, SC, dredge, core, magnetometry
Strakhov	13	06.11.91	26.01.92	Sazonov L. V.	Bonatti E. / Raznitsyn Yu.N.	IMG/GIN	0 -1 S	PRIMAR, Lithos	MB, SC, dredge, core, magnetometry, MC
Strakhov	15	15.07.92	20.09.92	Sazonov L. V.	Raznitsyn Yu.N.	GIN	15 N	Deep geospheres	MB, SC, dredge, core, magnetometry, MC
Strakhov	16	20.02.93	31.05.93	Sazonov L. V.	Bortoluzzi G. / Peyve A.A.	IMG/GIN	equator	PRIMAR	MB, SC, dredge, core, magnetometry, MC
Strakhov	18	23.01.94	06.06.94	Sazonov L. V.	Bonatti E., Zittellini N. / Peyve A.A.	IMG/GIN	equator, 52-53 S	PNRA, Deep geospheres	MB, SC, dredge, magnetometry, gravimetry, MC
Strakhov	19	14.01.98	09.03.98	Sazonov L. V.	Bonatti E. / Peyve A.A.	IMG/GIN	10 N	PRIMAR	MB, SC, dredge, core, magnetometry, MC
Strakhov	22	28.04.2000	04.07.2000	Korobov A.M.	Peyve A.A./Bonatti E.	GIN/IMG	Equatorial Segment	Russian Federal Programm	MB, SC, dredge, magnetometry, bathometry, CDP
Strakhov	23	31.12.2005	20.04.2006	Chechetkin G.A.	Skolotnev S.G. Bonatti E.	GIN/IMG	Equator. Atlantic, Angrew Bain FZ	Russian Federal Programm, Italy and USA	MB, SC, dredge, coring, magnetometry, bathometry, SBP
Strakhov	24	23.08.2006	04.11.2006	Golubev	Zayonchek A.V.	GIN/NPD	Knipovich	Russian Federal	MB, SC, dredge, coring, magnetometry,

				G.I.	/ Sokolov S.Y.		ridge Molloy	Programm in International Arctic Year	bathometry, SBP
Strakhov	25	19.08.2007	08.10.2007	Golubev G.I.	Zayonchek A.V./ Peyve A.A.	GIN/NPD	Barents Sea northern shelf Knipovich ridge	Russian Federal Programm in International Arctic Year	MB, SC, dredge, coring, magnetometry, bathometry, SBP, HF
Strakhov	26	30.12.2008	29.01.2009	Maksimov P.G.	Zayonchek A.V. / Sokolov S.Y.	GIN/NPD	Barents Sea northern shelf Knipovich ridge	Russian Federal Programm in International Arctic Year	MB, SC, SBP, HF
Strakhov	27	15.08.2010	08.09.2010	Maksimov P.G.	Zayonchek A.V. / Sokolov S.Y.	GIN/NPD	Barents Sea northern shelf Knipovich ridge	Russian Federal Programm in International Arctic Year	MB, SC, SBP, HF
Strakhov	28b	9.08.2011	17.08.2011	Maksimov P.G.	Sokolov S.Y.	GIN	Barents Sea northern shelf	Russian Federal Programm	MB
Strakhov	28	30.08.2011	29.09.2011	Maksimov P.G.	Akhmanov G.G./ Sokolov S.Y.	MSU/GIN	Barents Sea southern shelf	TTR-18-AR/ Russian Federal Programm	MB, SC, SBP, HF, TV, SNR, dredge, coring
Strakhov	29	15.08.2012	22.02.2013	Maksimov P.G.	Sokolov S., Dobrolubova X., Moroz E., Zaraiskaya Y., Turko N.	GIN/MorGeoSluzba	Indian Ocean	RAS Programm 4, 23	MB, SBP, DR, CR, MGM, GRM, CTD
Strakhov	30	01.03.2013	24.07.2013	Maksimov P.G.	Dobrolubova X., Moroz E., Zaraiskaya Y., Turko N., Abramova A.	GIN/MorGeoSluzba	Indian Ocean	RAS Programm 4, 23	MB, SBP, DR, CR, MGM, GRM, CTD
Ioffe	10	1.11.2001	1.3.2002	Sazonov L. V.	Peyve A.A.	GIN	Equator. Atlantic	Russian Federal Programm	MB, dredge, coring
Ioffe	16	4.10.2004	11.11.2004	Sazonov L. V.	Peyve A.A.	GIN	Equator. Atlantic	Russian Federal Programm	MB, dredge, coring , SC
Vavilov	17	2.10.2003	22.11.2003	Sazonov L. V.	Skolotnev S.G.	GIN	Equator. Atlantic, Riu-Grandi Rise	Russian Federal Programm	MB, dredge, coring
Vavilov	24	09.2008	10.2008		Peyve A.A.	GIN	Brazil Abyssal Plain	Russian Federal Programm	MB, dredge, SBP

Kireev	1	1978	1978		Beresnev A.F.	IFZ	25 N - 15 S	Earth crust and Upper mantle	ECH, SC, magnetometry, gravimetry, sonobuoy
Kireev	2	1979	1979		Beresnev A.F.	IFZ	Sierra-Leone rise	Earth crust and Upper mantle	ECH, SC, magnetometry, gravimetry, sonobuoy
Petrov	12	1989	1989	Vtorov I.A.	Dmitriev L.V.	GEOCHI	15-20 FZ	Tethys	MB, SC, dredge
Petrov	16	02.10.90	25.12.90	Vtorov I.A.	Silantyev S.A.	GEOCHI	Barracuda, Researcher	Tethys	MB, SC, dredge

Remarks. 1. During 4 and 8 legs was research experiments on Barracuda Ridge and in Caribbean region. During 5, 10, 14, 17 and 21 legs the researches were conducted in Mediterranean sea. During 20 the research was conducted at Faeroe-Island swell. Significant part of 18 leg was conducted in Southern Atlantic.

2. Abbreviations: GIN - Geological Institute RAS, IFZ - O.Yu.Schmidt Institute of physics of Earth RAS, GEOCHI - V.I.Vernadsky Institute of geochemistry and analytical chemistry, IGM – Istituto Geologia Marina, Bologna, Italy; NPD – Norwegian Petroleum Directorate; MB – multibeam echosounding (in case of “Strakhov” 22 cruise Simrad EM12), ECH - single beam echosounding, SC — single channel seismic profiling, OBS – bottom seismograph, MC – multichannel seismic profiling, HF – heat flow measurements, SBP – subbottom profiler, TV – underwater television, SNR – deep tow side scan sonar, CTD – conductivity thermal depth. Pi’s of Projects: Lithos, Deep geospheres - Puscharovsky Yu.M., Sediment - Timofeev P.P., Tethys - Dmitriev L.V., PRIMAR - Project Russian Italian Mid Atlantic Ridge - Bonatti E., PNRA -Programm National for Research of Antarctic (Italy).

In **Region** field of the table are specified those parts of legs, that concern Central Atlantic segment.