国际海底管理局 ISBA/14/C/5

理 事 会

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第十四届会议

2008 年 5 月 26 日至 6 月 6 日

牙买加金斯敦

依照《联合国海洋法公约》第十一部分第四节 C 分节第一六三条第 7 款的规定选举法律和技术委员会成员一名以填补空缺

秘书长的说明

1. 请理事会注意法律和技术委员会成员迈克尔·维迪克-洪巴赫先生（德国）已辞职。迈克尔·维迪克-洪巴赫先生是 2006 年 8 月 14 日获选为委员会成员的（ISBA/12/C/11），任期从 2007 年 1 月 1 日起为期 5 年。

2. 依照《联合国海洋法公约》第一六三条第 7 款和国际海底管理局理事会《议事规则》第 80 条第 3 款的规定，如委员会成员在任期届满之前死亡、丧失能力或辞职，理事会应从同一地理区域或同一利益方面选出一名成员任满所余任期。

3. 《公约》第一六三条第 3 款和理事会《议事规则》第 81 条规定委员会成员应具备委员会职务范围内的适当资格。缔约国应提名在有关领域内有资格的最具能力且最正直的候选人，以便确保委员会有效执行其职能。

4. 2008 年 4 月 8 日，德国政府致函通知海底管理局秘书处，提名联邦地球科学及自然资源研究所地球物理研究处处长克里斯蒂安·赖歇特博士为填补委员会这个空缺的候选人。赖歇特博士的简历见本文件附件。

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附件

Curriculum vitae
Christian Jürgen Reichert (Germany)

Name:	Dr. Reichert	Affiliation: Bundesanstalt für Geowissenschaften und Rohstoffe (BGR)
Given names:	Christian Jürgen	Stilleweg 2
Marital status:	married	D-30655 Hannover
Date of birth:	12 April 1951	Tel.: ++49-511-643-3244
Place of birth:	Berlin, Germany	Fax: ++49-511-643-3663
Nationality:	German	e-mail: christian.reichert@bgr.de
Present position:	Sub-Division Head: Geophysical Research	web-site: www.bgr.bund.de

At present

Head of sub-division „Geophysical Research" with the Federal Institute for Geosciences and Natural Resources (BGR)

- Management of the running tasks of the sub-division (staff of approximately 70 scientists and technicians), staff and budget planning. This includes Marine Geophysics with comprehensive instrumentation for operations world-wide (reflection and refraction seismics, magnetics, gravity, geothermics), an airborne technical service with a helicopter completely fitted with electromagnetics, magnetics, radiometry (airborne gravity and airborne radar under development), the German Seismological Central Observatory in Erlangen, the National Data Center fulfilling the German tasks within the frame of the Comprehensive Test Ban Treaty (CTBT) of the United Nations (UN) with its seismic and infrasound monitoring stations, as well as Applied Geophysics with various electromagnetic methods, gravity and geothermics.
- Deputy Division Head (B3: Geophysics, Marine and Polar Research) with approximately 140 scientists and technicians).
- Conception and implementation of and cooperation in interdisciplinary research projects in the marine sector (generally of international character), application for third party funds (e.g. Federal Ministry of Education and Research: marine research with RV SONNE). As in the earlier position, the principle tasks are contributions to assessing the potential in natural resources and the georisk potential of selected active and passive continental margins. This includes the study of basic geological-tectonic processes active during continental margin formation.
- Conception and implementation of third party funded projects as well as cooperation with private industry companies.

CV Dr. Christian Reichert, as of December 2007 page 1 of 7

[a] 以原件所用语文印发。

- Until March 2007 coordinator for the subject "Investigation of the Seas and Polar Regions" within the Development and Research Board of BGR.
- Scientific issues within the frame of implementing Article 76 of the United Nations Convention on the Law of the Sea (delineation of the limits of the continental shelf), German candidate for the elections to the UN Commission on the Limits of the Continental Shelf in June 2007.
- Project-Controlling for the division „Geophysics, Marine and Polar Research".
- Chief-scientist on four marine-geoscientific expeditions with scientific staff of ca. 18 persons for investigations on the continental margins off Costa Rica, Tasmania, Chile and Mozambique.

1993 - 1999 Head of Sub-Division „Marine Geophysics, Polar Research" with the Federal Institute for Geosciences and Natural Resources (BGR).

- Management of the running tasks of the sub-division (staff of approximately 50 scientists and technicians), staff and budget planning including the geological-geophysical expeditions to the arctic and Antarctic regions. The latter are realized about bi-annually, and are of high logistical complexity and costs. They involve intense cooperation with other national and international research groups. (polar budget comprises approximately. 2.2 Mio Euro per fiscal year).
- Conception and implementation of, as well as participation in interdisciplinary research projects in the marine and polar sector sector, application for third party funds (e.g. Federal Ministry of Education and Research: marine research with RV SONNE). Principle tasks are contributions to assessing the potential in natural resources and the geo-risk potential of selected active and passive continental margins. This includes the study of basic geological-tectonic processes active during continental margin formation.
- Co-ordinator for the working field "Georisk" within the Research Board of BGR.
- Chief-scientist on five marine-geoscientific expeditions with scientific staff of ca. 18 persons for investigations of the continental margins of East Siberia (Arctic Ocean), Chile, Queen Maud Land (Antarctica), Namibia, Indonesia as well as of the oceanic crust of the Angola Basin. Co-Chief Scientist on two other expeditions: Arabian Sea and Indian Ocean (Ninetyeast Ridge).

1992 - 1993 Scientific employee with the Geological Survey of Lower Saxony (NLfB): Acquisition, processing and interpretation of shallow-seismic data.

1992	Doctorate thesis: 'Ein geophysikalischer Beitrag zur Erkundung der Tiefenstruktur des Nordwestdeutschen Beckens längs des refraktionsseismischen Profils NORDDEUTSCHLAND 1975/76' (A geophysical contribution to the investigation of the deep structure of the Northwest German Basin along the seismic refraction profile NORDDEUTSCHLAND 1975/76) with focus on seismic and gravimetric methods and modelling.
1983 - 1991	Manager assistant for the German Continental Seismic Reflection Programme (Deutsches Kontinentales Reflexionsseismisches Programm, DEKORP) with the NLfB. Management of comprehensive geo-scientific projects for investigation of the deep Earth's crust in Germany using various methods with focus on the seismic reflection method. Total budget approximately ca. 2 Mio. Euro per year, one scientist, one technician, own seismic reflection equipment and operation. • Conception, organisation, realization and evaluation of the particular sub-projects, incl. call for tenders, commissioning contractors for the main field work and supervision of implementation, • Organisation of annual status workshops as well as of an international symposium („Deep Seismic Profiling of the Continental Lithosphere", Bayreuth, 1990) with about 200 participants, • Presentation of the results on national and international conferences and meetings as well as by publications, • Collaboration with national and international research groups and industry.
1977 - 1983	Scientific employee with the Geological Survey of Lower Saxony (Niedersächsisches Landesamt für Bodenforschung, NLfB), Hannover: • Acquisition, processing and interpretation of seismic refraction data, • Geothermics, • Data processing for ^{14}C age dating.
1970 - 1977	Freie Universität Berlin (Free University of Berlin): Regular studies in geophysics along with geology and geodesy. • Diploma thesis: „Entwicklung und Erprobung eines Programmsystems zur digitalen Bearbeitung refraktionsseismischen Datenmaterials" (Development and testing of a programme system for digital processing of seismic refraction data), • Comprehensive field work in European countries and Brazil for investigations on structures of the deeper Earth,
1957 - 1970	Primary and Secondary School (Gymnasium) in Berlin.

Current projects

- MoBaMaSis: German-French collaboration in marine-geoscientific studies on the Mozambique continental margin along with additional partners from Mozambique and Portugal.
- SUNDAARC: High risk volcanism at the active continental margin of the Sunda Arc, Indonesia (overall co-ordination; third party funded joint research project with four other German research institutions and numerous Indonesian partners: German Federal Ministry of Education and Research),
- SUNDAARC sub-project KRAKMON: Krakatau Multi-Parameter Monitoring (project manager),
- ARGURU: Continental margin off Argentina and Uruguay (project manager, BGR budget),
- Implementation of UNCLOS (support for developing countries for delineation and sustainable usage of their maritime zones; third party funded: German Federal Ministry for Economic Co-operation and Development).

Foci of work

- Initiation and coordination of international geoscientific projects
- Structure and processes at active and passive continental margins,
- Structure of the deep Earth's crust,
- Main expertise: seismic reflection, seismic refraction, gravity, magnetics.

Languages

- German - native tongue,
- English - oral and written: business fluent,
- French - oral: fluent, written: less fluent,
- Italian - oral and reading: satisfactory,
- Spanish - basics,
- Greek - basics.

Advisory boards

- Member of the advisory board of the „Seismological Central Observatory Graefenberg",
- Member of the „Advisory Board for Seismic Field Operations" of the „Council for Physics of the Earth (FKPE)" in Germany,
- Deputy chairman of the advisory board of the German Hydrographic Consultancy Pool (GHyCoP), a commercial association within the frame of public-private partnership (PPP).

Memberships

- Society of Exploration Geophysicists,
- American Geophysical Union,
- European Geosciences Union,
- Deutsche Geophysikalische Gesellschaft,
- Geologische Vereinigung,
- Deutsche Gesellschaft für Polarforschung.

References

- Dra. Montserrat Torné Escasany, Madrid, Spain,
- Prof. Dr. Cesar Ranero, Barcelona, Spain,
- Prof. Dr. Hans Thybo, Copenhagen, Denmark,
- Prof. em. Dr. David Gee, Uppsala, Sweden
- Dr. Philip A. Symonds, Canberra, Australia,
- Dr. Indroyono Soesilo, Jakarta, Indonesia,
- Amb. Luis Baqueriza, Buenos Aires, Argentina,
- C/N Hugo Roldos de la Sovera, Montevideo, Uruguay,
- Prof. Dr. Onno Oncken, Potsdam, Germany,
- Dr. Juan Díaz-Naveas, Valparaíso, Chile,
- Prof. Dr. Wolfgang Rabbel, Kiel, Germany,
- Prof. Dr. Hans-Jürgen Götze, Kiel, Germany,
- Prof. Dr. Gerhard Jentzsch, Jena, Germany,
- Dr. Karl Hinz, Hannover, Germany,
- Prof. em. Dr. Jürgen Wohlenberg, Burgwedel, Germany,
- MinDir ret. Fritz Lücke, Kiel, Germany,

Selected Peer Reviewed Publications of Christian J. Reichert (1999 – 2007)

FRANKE, D., HINZ, K., **REICHERT, C.** (subm.): Geology of the Shelf of the East Siberian Sea south of the De Long Uplift / Russian Arctic from seismic images.- Marine Geology.

DJAJADIHARDJA, Y.S., ASAHIKO TAIRA, HIDEKAZU TOKUYAMA, KAN AOIKE, **REICHERT, Chr.**, BLOCK, M., SCHLUETER, H.-U., NEBEN, S. (2004): Evolution of accretionary complex along the north arm of the Island of Sulawesi, Indonesia.- The Island Arc, ISSN 1038-4871.

FRANKE, D., HINZ, K., **REICHERT, Chr.** (2004): Geology of the East Siberian Sea, Russian Arctic, from seismic images: Structures, evolution, and implications for the evolution of the Arctic Ocean Basin. – J. Geophys. Res., 109, B07106, doi:10.1029/2003JB002687.

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RANERO, C. R., PHIPPS MORGAN, J., MCINTOSH, K., **REICHERT, Chr.** (2003): Bending-related faulting and mantle serpentinization at the Middle America trench. – Nature, 425, 367-373.

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GAEDICKE, C., SCHLÜTER, H.-J., ROESER, H. A., PREXL, A., SCHRECKENBERGER, B., MEYER, H., **REICHERT, Chr.**, CLIFT, P. & AMJAD, S. (2002): Origin of the northern Indus Fan and Murray Ridge, Northern Arabian Sea:Interpretation from seismic and magnetic imaging. – Tectonophys., 355, 127 – 143.

KOPP, H., KLAESCHEN, D., FLUEH, E. R., BIALAS, J., **REICHERT, Chr.** (2002): Crustal structure of the Java margin from seismic wide-angle and multichannel reflection data, J. Geophys. Res., 107, B2 10.1029/2000JB000095

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SCHLÜTER, H. U., PREXL, A., GAEDICKE, Ch., ROESER, H., **REICHERT, Chr.**, MEYER, H. & DANIELS, C. v. (2002): The Makran accretionary wedge: sediment thickness and ages and the origin of mud volcanoes. – Marine Geology, 185, 219 – 232.

GREVEMEYER, I., FLUEH, E., **REICHERT, Chr.**, BIALAS, J., KLÄSCHEN, D., KOPP, C. (2001): Crustal Architecture and Deep Structure of the Ninetyeast Ridge Hotspot Trail from Active-Source Ocean Bottom Seismology. - Geophys. J. Int., 144, 414 - 431.

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VÖLKER, D.; WIEDICKE, M.; LADAGE, S.; GAEDICKE, CHR.; **REICHERT, Chr.**; RAUCH, K.; KRAMER, W. & HEUBECK, CHR.: Latitudinal Variation in Sedimentary Processes in the Peru-Chile Trench off Central Chile, 193 – 216.