



Consejo

Distr. general
9 de abril de 2008
Español
Original: inglés

14º período de sesiones

Kingston (Jamaica)

26 de mayo a 6 de junio de 2008

Elección para cubrir una vacante en la Comisión Jurídica y Técnica, de conformidad con el párrafo 7 del artículo 163 de la subsección C de la sección 4 de la Parte XI de la Convención de las Naciones Unidas sobre el Derecho del Mar

Nota del Secretario General

1. Se invita al Consejo a tomar nota de que Michael Wiedicke-Hombach (Alemania), miembro de la Comisión Jurídica y Técnica, ha renunciado a su cargo. El Sr. Wiedicke-Hombach fue elegido miembro de la Comisión el 14 de agosto de 2006 (véase ISBA/12/C/11) para un período de cinco años a partir del 1º de enero de 2007.
2. A tenor de lo dispuesto en el párrafo 7 del artículo 163 de la Convención de las Naciones Unidas sobre el Derecho del Mar y el párrafo 3 del artículo 80 del reglamento del Consejo de la Autoridad Internacional de los Fondos Marinos, en caso de fallecimiento, incapacidad o renuncia de un miembro de la Comisión antes de terminar su mandato, el Consejo elegirá a una persona de la misma región geográfica o esfera de intereses, quien ejercerá el cargo durante el resto de ese mandato.
3. El párrafo 3 del artículo 163 de la Convención y el artículo 81 del reglamento del Consejo disponen que los miembros de la Comisión tendrán las calificaciones adecuadas en la esfera de competencia de la Comisión, y los Estados partes propondrán candidatos de la máxima competencia e integridad que posean calificaciones en las materias pertinentes, de modo que quede garantizado el funcionamiento eficaz de la Comisión.
4. Mediante carta de fecha 8 de abril de 2008, La Misión Permanente de Alemania ante la Autoridad informó a la secretaria de la Autoridad acerca de la designación de Christian Reichert, jefe de la subdivisión de investigaciones geofísicas del Instituto Federal de Geociencias y Recursos Naturales, como candidato para cubrir el puesto vacante en la Comisión. En el anexo del presente documento figura el currículum vitae del Sr. Reichert.



Anexo

Currículum vitae^a

Christian Jürgen Reichert (Alemania)

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

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.

^a Se reproduce en el idioma original en que fue presentado.

- 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, 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 NLF: 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 ¹⁴C 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

- 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.
- KRAWCYK, C, AND THE SPOC TEAM, incl. REICHERT, Chr. (2003): SPOC – Subduction Processes Off Chile: Amphibious Seismic Survey Images Plate Interface at 1960 Chile earthquake. EOS, 84, (32) 301-305.
- 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.
- SCHLINDWEIN, V., BÖNNEMANN, C., REICHERT, Chr., GREVEMEYER, I. & FLUEH, E. (2003): Three-dimensional seismic refraction tomography of the crustal structure at the ION site on the Nineteast Ridge, Indian Ocean. – Geophys. J. Int., 152, 171 – 184.
- BUSKE, S., LÜTH, S., MEYER, H., PATZIG, R., REICHERT, Chr., SHAPIRO, S., WIGGER, P., YOON, M. (2002): Broad depth range seismic imaging of the subducted Nazca Slab, North Chile, Tectonophys., 350, 273-282.
- 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
- SCHLÜTER, H.-U., GAEDICKE, CH., ROESER, H.A., SCHRECKENBERGER, B., MEYER, H., REICHERT, Chr., DJAJADIHARDJA, Y. & PREXL, A. (2002): Tectonic features of the Sumatra-Java forearc of Indonesia. Tectonics, 21 (5), 1047, 11-1 to 11-15.
- 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 Nineteast Ridge Hotspot Trail from Active-Source Ocean Bottom Seismology. – Geophys. J. Int., 144, 414 - 431.
- KOPP, H., FLUEH, E. R., KLAESCHEN, D., BIALAS, J., REICHERT, Chr. (2001): Crustal structure of the central Sunda margin at the onset of oblique subduction, Geophys. J. Int., 147 449-474.

- KOPP, C., FRUEHN, J., FLUEH, E. R., REICHERT, Chr., KUKOWSKI, N., BIALAS, J., KLAESCHEN, D. (2000): Structure of the Makran subduction zone from wide-angle and reflection seismic data. – *Tectonophys.* 329, 171 – 191.
- LELGEMANN, H., GUTSCHER, M.-A., BIALAS, J., FLUEH, E. R., WEINREBE, W., REICHERT, Chr. (2000): Transtensional basins in the western Sunda Strait, *Geophys. Res. Lett.* 27, 21 3545- 3548.
- FRANKE, D., HINZ, K., BLOCK, M., DRACHEV, S.S., NEBEN, S., KOS'KO, M.K., REICHERT, Chr., & ROESER, H.A. (2000): Tectonics of the Laptev Sea region in north-eastern Siberia. In: N.W. Roland & F. Tessensohn (eds.) ICAM III: III. International Conference on Arctic Margins. AWI, Bremerhaven, 68 (1998), ISSN 0032-2490, 51-58.
- FLUEH, E.R., GREVEMEYER, I., REICHERT, Chr. (1999): Ocean site survey reveals anatomy of a hotspot track, - *EOS*, 80(7), p.77.
- In *Monography of Oncken, O.; Chong, G.; Franz, G.; Giese, P.; Götze, H.-J.; Ramos, V.A.; Strecker, M.R.; Wigger, P. (Eds.) (2006): The Andes, Active Subduction Orogeny, Series: Frontiers in Earth Sciences. Springer, Berlin-Heidelberg-New York:*
- RANERO, C. R.; VON HUENE, R.; WEINREBE, W. & REICHERT, Chr. (2006): Tectonic Processes along the Chile Convergent Margin, 91 – 121.
- SICK, CHR.; YOON, M.; RAUCH, K.; BUSKE, S.; LÜTH, S.; ARANEDA, M.; BATAILLE, K.; CHONG, G.; GIESE, P.; KRAWCZYK, C.; MECHIE, J.; MEYER, H.; ONCKEN, O.; REICHERT, Chr.; SCHMITZ, M.; SHAPIRO, S.; STILLER, M. & WIGGER, P. (2006): Seismic Images of Accretive and Erosive Subduction Zones from the Chilean Margin, 147 – 169.
- 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.