



ORGANIZACION HIDROGRAFICA INTERNACIONAL

Dossier del BHI No. P/0005

CIRCULAR No. 76
23 de Noviembre del 2006.

MEDALLA DE HIDROGRAFIA "PRINCIPE ALBERTO I" - 2007

Estimado Director,

Recordará que la Medalla de Hidrografía "Príncipe Alberto I" se otorga tradicionalmente cada 5 años y es entregada por el Príncipe de Mónaco en las Conferencias Hidrográficas Internacionales (CHI). Hasta la fecha, se han otorgado tres medallas - una en 1992 (en la XIVª CHI), una en 1997 (en la XVª CHI) y una en el 2002 (en la XVIª CHI).

Hasta 1999, se eligieron los artículos de entre aquellos que habían sido publicados en la Revista Hidrográfica Internacional (2 volúmenes al año, en Marzo y Septiembre) pero a partir de Enero del 2000, tras la decisión de que la Revista Hidrográfica Internacional fuese publicada bajo licencia por el editor comercial GITC en Septiembre de 1999, la selección fue efectuada a partir de artículos técnicos publicados en el *Nuevo Boletín Hidrográfico Internacional* (10 ejemplares al año).

Tras la supresión de artículos hidrográficos del Boletín, cuya versión impresa fue sustituida en el 2002 por las *Internet Bulletin News (Noticias del Boletín en Internet)*, el artículo ganador que será recompensado con la Medalla del "Príncipe Alberto I" en el 2007 será elegido ahora entre los artículos publicados en el 2002, el 2003, el 2004, el 2005 y el 2006 en la *Revista Hidrográfica Internacional (Nueva Serie)* publicada por GITC.

Adjunto a la presente le enviamos una Papeleta de Voto para seleccionar al ganador de la 4ª Medalla de Hidrografía del "Príncipe Alberto I", que será entregada en la XVIIª Conferencia H.I.. Le rogamos pues que devuelva su voto al BHI **antes del 15 de Enero del 2007**. El nombre del ganador será anunciado a los Estados Miembros en otra Circular, antes de finales de Enero del 2007.

En nombre del Comité Directivo
Atentamente,

Capitán de Navío Hugo GORZIGLIA
Director

Anexo: Anexo A - Papeleta de Voto.

PAPELETA DE VOTO

[a devolver al BHI, debidamente completada, antes del 15 de Enero del 2007]

The Directing Committee
 International Hydrographic Bureau
 B.P. 445
 98011 Monaco CEDEX
 Principality of Monaco
 Telefax: +377 93 10 81 40
 E-mail: info@ihb.mc

Member State:

Date of reply:

MEDALLA DE HIDROGRAFIA "PRINCIPE ALBERTO I" - 2007

La Medalla de Hidrografía "Príncipe Alberto I" para el 2007 será entregada por SAS el Príncipe Alberto II de Mónaco, durante la XVIIª Conferencia Hidrográfica Internacional, en Mayo del 2007.

A continuación se indica la selección de artículos para la Medalla "Príncipe Alberto I" del 2007, elegidos entre los artículos publicados del 2002 al 2006. Le rogamos indique su elección con una marca ✓ en la primera columna que se encuentra junto al artículo seleccionado.

| | AUTOR | TITULO |
|---|--|---|
| RHI (Nueva Serie), Abril del 2002, Vol. 3, No. 1 | | |
| | BOURGOIN Jean y TAILLEMITE Etienne | "The Baudin Expedition to Australia 1800-1804". |
| | ANGRISANO Giuseppe (C.A.) | "Work of the IHO to promote activities of National Hydrographic Offices to provide Reliable Nautical Charts". |
| | WARD Robert | "Paper Chart Information in a Digital Era - Some Considerations". |
| | O'CONNOR Tony | "First Steps on the Quality Journey". |
| | MONAHAN David y WELLS Dave | "The Use of the International Hydrographic Organization's "Standards for Hydrographic Surveys" as a measure of Depth Accuracy in Continental Shelf Determinations". |
| | COLLIER P.A., MURPHY B.A. MITCHELL D.J. y LEAHY F.J. | "The Automated Delimitation of Maritime Boundaries - An Australian Perspective". |
| | SJÖBERG Lars E. | "The Three-point Problem of the Median Line Turning Point: on the Solutions for the Sphere and Ellipsoid". |
| | BENNETT John Overton | "Examples of Mapping 'The Foot of the Continental Slope' with 'The Surface of Directed Gradient' Algorithm using NOAA's ETOPO5 Data Base". |
| | COWAN Matthew | "Liquid Crystal Display (LCD) Monitors for ECDIS Applications Update Report". |

| AUTOR | TITULO |
|---|--|
| RHI (Nueva Serie), Agosto del 2002, Vol. 3, No. 2 | |
| DAVID Andrew | "From Mutineer to Hydrographer – The Surveying Career of Peter Haywood". |
| SMITH Shepard L.T., ALEXANDER Lee, ARMSTRONG Andrew A. (C.N.) | "The Navigation Surface : A New Database Approach to Creating Multiple Products from High-density Surveys". |
| BOYLE Tony y RODRIGUES Ian & WARD Robert | "An Investigation regarding Seafarers' Resistance to using ECDIS Black-background Chart Display Modes". |
| DOBSON Richard | "International Co-operation to Improve Safety of Navigation in the Southern Red Sea". |
| WRIGHT Peter Dr. | "UK Hydrographic Office Experience of Producing Electronic Navigational Charts". |
| SINCLAIR Mark (C.F.) | "LADS Survey – A Case Study on Australia's Northwest Shelf". |
| GUENTHER Gary C., LILLYCROP W. Jeff & BANIC John R. | "Future Advancements in Airborne Hydrography". |
| EVANGELATOS Timothy V., O'BRIEN C. Douglas, CASEY Michael y VACHON Don | "Hydrographic Data Standards and Standards-based Geospatial Data Infrastructures". |
| KOMARITSYN A.A. (Al.) y MIROSHNIKOV I.M. | "The 175 th Anniversary of the Russian Navy Hydrographic Service". |
| RHI (Nueva Serie), Noviembre del 2002, Vol. 3, No. 3 | |
| EHLERS Peter | "Hydrographic Services at the Crossroads". |
| PARKER Bruce | "The Integration of Bathymetry, Topography and Shoreline and the Vertical Datum Transformations behind it". |
| PUGH David Dr. , HUNTER J., COLEMAN Richard y WATSON Chris | "A Comparison of Historical and Recent Sea Level Measurements at Port Arthur, Tasmania". |
| TUURNALA Tiina | "Intelligent Chart Production System to meet the Requirements of Modern Nautical Chart Production". |
| TRAINOR Neil y HUGGETT Jim | "Managing the Safe Operations of shipping in the Great Barrier Reef and Torres Strait". |
| VACHON Don, LAFOND, Pierre y EVANGELATOS TIMOTHY V. | "Delivering Marine Geospatial Data on the Web – The Canadian Department of Fisheries and Oceans' GeoPortal". |
| RHI (Nueva Serie), Abril del 2003, Vol. 4, No. 1 | |
| CLARKE John E. Hughes | "Dynamic Motion Residuals in Swath Sonar Data : Ironing out the Creases". |
| GRAY David H. | "The Geodetic Properties of the Equidistance Line". |
| JAKOBSSON Martin, MAYER Larry y ARMSTRONG Andrew | "Analysis of Data Relevant to Establishing Outer Limits of a Continental Shelf under Law of the Sea Article 76". |
| CALDER Brian | "Automatic Statistical Processing of Multibeam Echosounder Data". |
| KOPACZ Z., Morgas W. y URBANSKI J. | "Hydrography : Its Present State and Future Development". |

| AUTOR | TITULO |
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| RHI (Nueva Serie), Agosto del 2003, Vol. 4, No. 2 | |
| CARPINE-LANCRE Jacqueline | "Origins of a Lasting Bathymetric Endeavour". |
| LURTON Xavier | "Theoretical Modelling of Acoustical Measurement Accuracy for Swath Bathymetric Sonars". |
| HAGA Kjersti Helene, PØHNER Freddy y NILSEN Kjell | "Testing Multibeam Echo Sounders versus IHO S-44 Requirements". |
| JONAS Mathias y MELLES Johannes | "Study on ENC Loading Strategy in relation to SCAMIN Effects and "Overscale" Indications". |
| SHU Jian-Jun | "Prediction and Analysis of Tides and Tidal Currents". |
| PIROZHNIKOV Alexey | "Making Paper Charts out of ENC's". |
| ELLMER Wilfried y VAHRENKAMP Bernd | "Surveying the "Jadebusen" as an Example of Hydrographic Surveys for Multiple Uses". |
| RHI (Nueva Serie), Diciembre del 2003, Vol. 4, No. 3 | |
| WOLF Matthias, LIEBSCH Gunter, RICHTER Andreas, DIETRICH Reinhard, ELLMER Wilfried | "Marine Motion Measurements using GPS". |
| CRONIN Doug, BROADUS Mel, REED, Barbara BYRNE John Shannon, SIMMONS Walter y GEE Lindsay | "Hydrographic Workflow - From Planning to Products". |
| WOODWORTH Philip L. y SMITH David E. | "A One Year Comparison of Radar and Bubble Tide Gauges at Liverpool". |
| AL-ABDULLA Ali Abdulla y JANKOVIC Vladan | "Airborne Laser Bathymetric Survey of Qatar's Coastal Waters". |
| <i>Artículos Traducidos</i> | |
| BEYER Andreas | "High Resolution Bathymetry at the European Continental Slope". |
| SCHÖNE Tilo, REIGBER Christoph y BRAUN Alexander | "GPS Offshore Buoys and Continuous GPS Control of Tide Gauges". |
| FIEDLER Hannelore M. y MILKERT Doris | "Mosaics of Sediments and Structures on the Seafloor Mapped by Side Scan Sonar". |
| MÜLLER Sabine | "Detection of Embedded Objects using Parametric Sub-Bottom Profilers". |
| DEBESE Nathalie | "Determination of the Insonification Area of a Multi-beam Echo-sounder using a Front Propagation". |
| RHI (Nueva Serie), Abril del 2004, Vol. 5, No. 1 | |
| SMIRNOV Valentin G. | "Lt. F.F. VRANGEL' and corvette "Challenger"". |
| CALDER Brian y SMITH Shep | "A Time Comparison of Computer-Assisted and Manual Bathymetric Processing". |
| BATEMAN Sam | "Hydrographic Surveying in Exclusive Economic Zones : Jurisdictional Issues". |
| LIU Yanchun, LI Mingsan, XIAO Fumin, BAO Jingyang y HUANG Motao | "A Method for Detecting and Adjusting Systematic Errors of Singlebeam Sounding Data Acquired in a Grid Pattern". |
| BISNATH Sunil, WELLS David, HOWDEN Stephan, DODD David and WIESENBERG Denis | "Development of an Operational RTK GPS-equipped Buoy for Tidal Datum Determination". |

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| | HUANG Motao, ZHAI Guojun, OUYANG Yongzhong, LIU Yanchun y LU Xiuping | "Progress and Prospects of Hydrographic Surveying Technology in China". |
| | EL-RABBANY Ahmed, AGI Benson y COLEMAN David | "A Model for Automatic Integration of Ice Information into Electronic Navigational Chart". |
| | DEMOULIN Xavier, STÉPHAN Yann y PÉLISSERO Laurent | "Operational Feasibility of the Geoacoustic Inversion of Equivalent Media : Principle and Application to the INTIMATE96 Data". |
| RHI (Nueva Serie), Agosto del 2004, Vol. 5, No. 2 | | |
| | MCCONNELL Anita | "L.F. MARSIGLI (1658-1730) : Early Contributions to Marine Science and Hydrography". |
| | EEG JØRGEN | "Verification of the Z-Component in the RTK Survey of Drogden Channel". |
| | MOTZ Florian y WIDDEL Heino; OEI Parry; MACKINNON Scott y ALEXANDER Lee | "Investigations for Ergonomic Presentation of AIS Symbols on ECDIS". |
| | HUANG Ju-Chin | "Consumer Perceived Economic Value of Electronic Charts". |
| | DORST Leendert L. | "Survey Plan Improvement by Detecting Sea Floor Dynamics in Archived Echo Sounder Surveys". |
| | HIDE Christopher, MOORE Terry y SMITH Martin | "Performance of GPS and Low-cost INS Integration in Marine Surveying". |
| RHI (Nueva Serie), Noviembre 2004, Vol. 5, No. 3 | | |
| | JOHNSON Peter Johnson (C.C.) | "ZOCman Cometh" or "On the Application of Category of Zone of Confidence in the Australian Hydrographic Service". |
| | BEAUDOIN J.D., CLARKE J.E. Hughes y BARLETT J.E. | "Application of Surface Sound Speed Measurements in Post-processing for Multi-sector Multibeam Echosounders". |
| | VACHON Don, POULIN Michel, LAFOND Pierre y EVANGELATOS Timothy V. | "Publishing Marine Geospatial Data on the Web : the DFO GeoBrowser". |
| | HÄRTING Alexander, REINKING Jörg y ELLMER Wilfried | "Ship Squat in Hydrography - A Study of the Surveying Vessel "Deneb"". |
| | ZHAO Jianhu, CLARKE John E. Hughes, BRUCKER Steven y DUFFY Garret | "On the Fly GPS Tide Measurement along the Saint John River". |
| | VRBANCICH Julian | "Airborne Electromagnetic Bathymetry Methods for Mapping Shallow Water Sea Depths". |
| | POSTNIKOV Alexey V. | "Learning from Each Other - A History of Russian-native Contacts in late 18 th - early-19 th Century Exploration and Mapping of Alaska and the Aleutian Islands". |
| | HILLER Tom y HOGARTH Peter | "The Use of Phase Measuring (Interferometric) Sonars : Choosing Appropriate Data Processing Methodologies". |

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| LEDER Tea Duplancic and LAPAINE Miljenko | "Assigning S-57 SCAMIN Attributes for Archipelagic Seas : Eastern Adriatic Coast Experience". |
| MARTIN MÍGUEZ, Belén, PÉREZ GÓMEZ Begoña y ÁLVAREZ FANJUL Enrique | "The ESEAS-RI Sea Level Test Station : Reliability and Accuracy of Different Tide Gauges". |
| RHI (Nueva Serie), Agosto del 2005, Vol. 6, No. 2 | |
| RITCHIE, G. Steve | "Three Hydrographic Quantum Leaps". |
| CALDER Brian, BYRNE Shannon, LAMEY Bill, BRENNAN Richard T., CASE James D., FABRE David, GALLAGHER Barry, LADNER R. Wade, MOGGERT Friedhelm, PATON Mark y the Open Navigation Surface Working Group | "The Open Navigation Surface Project". |
| MARKS Karen M. y SMITH Walter H.F. | "2,500 m Isobath from Satellite Bathymetry – Accuracy Assessment in light of IHO S-44 Standards". |
| SKOPELITI Andriani (Dr. Ing.) y TSOULOS Lysandros (Prof.) | "A Model for the Generalisation and Transfer of Linear Features over the Web". |
| WHATRUP Cliff, MANN Dave y DAVIDSON Brian | "The UK Civil Hydrography Programme – Changing the Mould". |
| SIOUSIOURAS Petros | "Geopolitical and Geoeconomic Value of Access to Sea Resources – The Case of the Land-Locked States in Africa". |
| RHI (Nueva Serie), Noviembre del 2005, Vol. 6, No. 3 | |
| MARATOS Alexandros (V.A.) | "Shallow-Survey 2005 – 4 th International Conference, Plymouth, Devon, UK, from 12-15 September 2005". |
| DAVID Andrew | "British Hydrographic Surveys in the Mediterranean in the early years of the 19 th Century". |
| JAKOBSSON Martin, ARMSTRONG Andrew, CALDER Brian, HUFF Lloyd, MAYER Larry y WARD Larry | "On the Use of Historical Bathymetric Data to Determine Changes in Bathymetry – An Analysis of Errors and Application to Great Bay Estuary, New Hampshire, USA". |
| KERR Adam | "Hydrography and Disaster Management". |
| RHI (Nueva Serie), Abril del 2006, Vol. 7, No. 1 | |
| WAKEFIELD Martin, SINCLAIR Mark, TOWNSEND Nigel | "Beam to Chart – A Case Study of the LIDAR Survey of the Sound of Harris". |
| SMITH K. | "Zones of Confidence (ZOC) for New Zealand". |
| BATEMAN Sam | "Surveying in the Exclusive Economic Zone: Possible Guidelines for Rights and Duties". |
| PALMER Trent | "Geographic Names and the United Nations Convention on the Law of the Sea". |

| AUTOR | TITULO |
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| RHI (Nueva Serie), Agosto del 2006, Vol. 7, No. 2 | |
| DANIEL Tim | "Marine Scientific Research under UNCLOS : a Vital Global Resource ?" |
| SMITH Shepard M. (C.C.) | "Empirical Object Detection Performance of LIDAR and Multibeam Sonar Systems in Long Island Sound". |
| WOZENCRAFT Jennifer M. y LILLYCROP Jeff W. | "JALBTCX Coastal Mapping for the USACE". |
| DODD David y BISNATH Sunil | "Analysis of NOAA-Generated Tropospheric Refraction Corrections for the Next Generation Nationwide DGPS Service". |
| RHI (Nueva Serie), Octubre del 2006, Vol. 7, No. 3 | |
| SIMON Bernad | "Height References in Hydrography". |
| PINEAU-GUILLOU Lucia | "Coastal Modelling Applied to Tidal Predictions for Hydrographic Sounding Reduction". |
| EGBUH Chief Innocent N. | "Charting Nigerian Waters for Safer Navigation". |
| MRIDHA Abul Hasan, MACNAB Ron y VARMA Herman | "The Juridical Continental Shelf in the Bay of Bengal, according to the Statement of Understanding". |
| OSLER John, FURLONG Arnold, CHRISTIAN Harold y LAMPLUGH Mike | "The Integration of the Free Fall Cone Penetrometer (FFCPT) with the Moving Vessel Profiler (MVP) for the Rapid Assessment of Seabed Characteristics". |
| DIAS George y COLEMAN David; EL-RABBANY Ahmed y AGI Benson; ALEXANDER Lee | "A Process for Producing Ice Coverage Marine Information Objects (MIOs) in IHO S-57 format". |

Firma: _____