

# INTERNATIONAL HYDROGRAPHIC BIBLIOGRAPHY (Bibliographie Hydrographique Internationale)

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## I. — BOOKS OF REFERENCE OUVRAGES DE RÉFÉRENCE

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### PHOTOGRAMMETRY — PHOTOGRAMMÉTRIE

6538. — *Scientific Photography - (Photographie scientifique)*. H. SAUVENIER. Proceedings of the International Colloquium of Scientific Photography, Liège, September 14 to 19, 1959. Pergamon Press, Oxford, London, New York, Paris, 1962. Pr. : \$30.00. (Cf. *Photogrammetric Engineering*, Washington, D.C., Vol. XXIX, No. 2, March 1963, pp. 356.)  
(*Intern. Hydrog. Review*, July 1964).
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### SOUNDINGS — SONDAGES

6539. — *The Uses of Echo Sounding for Fishermen - (Utilisation du sondage par écho pour les pêcheurs)*. D. H. CUSHING. 24 × 15 cm, pp. 26, 58 fig. Ministry of Agriculture, Fisheries and Food, Her Majesty's Stationery Office, London, 1963. Pr. : 10 s.  
(*Intern. Hydrog. Review*, July 1964).
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### OLD CARTOGRAPHY — CARTOGRAPHIE ANCIENNE

6540. — *Cinco Seculos de Cartografia das Ilhas de Cabo Verde - (Five centuries of charting the Cabo Verde Islands) - (Cinq siècles de cartographie des îles du Cap Vert)*. A. TEIXEIRA DA MOTA. 29 cm × 20 cm, pp. 6, 24 pl. Agrupamento de Estudos de Cartografia Antiga. I, Secção de Lisboa. Junta de Investigações do Ultramar, Lisboa, 1961.  
(*Intern. Hydrog. Review*, July 1964).
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### OLD HYDROGRAPHIC WORKS OUVRAGES HYDROGRAPHIQUES ANCIENS

6541. — *Os Almanagues Portugueses de Madrid - (The Portuguese Almanacs of Madrid) - (Les Almanachs portugais de Madrid)*. Luis MENDONÇA DE AL-

BUQUERQUE. 29 cm × 20 cm, pp. 150, 54 pl. Agrupamento de Estudos de Cartografia Antiga. II, Secção de Coimbra, Junta de Investigações do Ultramar, Coimbra, 1961.

(Intern. Hydrog. Review, July 1964).

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### COMPUTERS — MACHINES A CALCULER

6542. — *A Statistical Rose Program - (Programme d'exploitation de statistiques en coordonnées polaires)*. Walter E. YERGEN. 20 cm × 26 cm, appendixes & table (SP-64). U. S. Naval Oceanographic Office, Washington 25, D.C., October 1962.

(Intern. Hydrog. Review, July 1964).

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### COMPASSES — COMPAS

6543. — *Ship Magnetism and the Magnetic Compass - (Magnétisme des navires et le compas magnétique)*. F. G. MERRIFIELD. Pergamon Press, London. Pr. : 21 s. (Cf. *Nautical Magazine*, Glasgow, November 1963, p. 296.)

(Intern. Hydrog. Review, July 1964).

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### RADIO AIDS TO NAVIGATION AIDES-RADIO A LA NAVIGATION

6544. — *Fundamentals of Sonar - (Principes fondamentaux du Sonar)*. J. Warren HORTON. 2nd edition 1959. Pp. 417, 186 fig. U. S. Naval Institute, Annapolis, Maryland. Pr. : \$ 10.00. (Cf. U. S. Naval Institute Proceedings, Annapolis; Vol. 89, No. 12, December 1963, p. 139.)

(Intern. Hydrog. Review, July 1964).

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### PORTS

6545. — *Ports of the World, 1963 - (Les ports du monde, 1963)*. The Shipping World, Ltd., London. Pr. : £ 5. (Cf. *Nautical Magazine*, Glasgow, November 1963, p. 294.)

6546. — *Design and Construction of Ports and Marine Structures - (Conception et construction de ports et de travaux maritimes)*. Alonzo de F. QUINN. Pp. 531. McGraw-Hill Book Company, Inc. New York, 1961. Pr. : \$ 16.00. (Cf. *Sea Frontiers*, Miami 49, Fla., Vol. 9, No. 2, May 1963, p. 125.)

(Intern. Hydrog. Review, July 1964).

---

### OCEANOGRAPHY — OCÉANOGRAPHIE

6547. — *Ocean Wave Spectra. Proceedings of a Conference - (Spectres de vagues océaniques. Compte rendu d'une conférence)*. National Academy of Sciences. 28 × 20 cm, pp. 357. Prentice-Hall, Inc., Englewood Cliffs, New Jersey, 1961.

(Intern. Hydrog. Review, July 1964).

6548. — *The Sea : Ideas and Observations on Progress in the Study of the Seas - (La Mer : idées et observations sur les progrès réalisés dans l'étude des mers)*. Vol. II. *The Composition of Sea-Water; Comparative and Descriptive Oceanography - (La composition de l'eau de mer; océanographie comparative et descriptive)*. M. N. HILL. Pp. 554, ill. Interscience Publishers, John Wiley and Sons, New York and London. Pr. : 150 s. (Cf. *Bulletin de l'O.M.M.*, Genève, Vol. XII, No. 3, juillet 1963, p. 201.)  
(Intern. Hydrog. Review, July 1964).
6549. — *Seven Miles Down : the Story of the Bathyscaph Trieste - (Sept milles en-dessous : histoire du bathyscaphe « Trieste »)*. Jacques PICCARD and Robert S. DIETZ. 8 1/4 × 5 3/4 in, pp. 249, ill. Longmans, Green and Co. Ltd., London, 1962. Pr. : 25 s. (Cf. *The Marine Observer*, London, Vol. XXXIII, No. 200, April 1963, pp. 91-92.)  
(Intern. Hydrog. Review, July 1964).
6550. — *Introduction to Physical Oceanography - (Introduction à l'Océanographie physique)*. William S. von ARX. 9.25 × 6.25 in, pp. 422, fig. & pl. Addison-Wesley Publishing Company, Inc., Reading, Mass., 1962. Pr. : 113 s. (Cf. *The Journal of the Institute of Navigation*, London, Vol. 16, No. 2, April 1963, p. 263.)  
(Intern. Hydrog. Review, July 1964).
6551. — *Hydrography of the Arctic Ocean with Special Reference to the Beaufort Sea - (Hydrographie de l'océan Arctique avec référence spéciale à la mer de Beaufort)*. KOU KUSUNOKI. 25 × 18 cm, pp. 75, 32 fig., 13 tabl. Contributions from the Institute of Low Temperature Science, Hokkaido University, Sapporo, Japan, 1962, Series A, No. 17.  
(Intern. Hydrog. Review, July 1964).
6552. — *The Global Sea - (La mer globale)*. HARRIS B. STEWART JR. 126 pages. Van Nostrand Company Inc., Princeton, New Jersey, 1963, Pr. : \$ 1.45.  
(Intern. Hydrog. Review, July 1964).

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## GEODESY — GÉODÉSIE

6553. — *Geodesy - (Géodésie). Second Edition - (Deuxième édition)*. G. BOMFORD. 9 1/4 × 6 in, pp. xvi+561, 180 fig. Clarendon Press : Oxford University Press, Oxford, 1962. Pr. : 90 s. (Cf. *Survey Review*, London, Vol. XVII, No. 129, July 1963, pp. 150-152.)  
(Intern. Hydrog. Review, July 1964).
6554. — *Handbook of Survey Notekeeping - (Manuel du secrétaire de levés)*. F. WILLIAM PAFFORD. 11 × 8 1/2 in, pp. xii+140, fig. John Wiley & Sons Ltd New York and London, 1962. Pr. : 38 s. (Cf. *Survey Review*, London, Vol. XVII, No. 129, July 1963, pp. 149-150.)  
(Intern. Hydrog. Review, July 1964).
6555. — *Nachrichten aus dem Karten- und Vermessungswesen. Reihe II : Deutsche Beiträge in fremden Sprachen, Heft Nr. 8 - (Information relative to Cartography and Geodesy, Series II : German Contributions in Foreign Languages, No. 8 - Renseignements relatifs à la cartographie et à la géodésie, Série II : Contributions allemandes en langues étrangères, n° 8)*. 24 × 17 cm, pp. 30, 14 fig., 5 tabl. Institut für Angewandte Geodäsie, Frankfurt A./M., 1963.  
(Intern. Hydrog. Review, July 1964).

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## GEOPHYSICS — GÉOPHYSIQUE

6556. — *Reflection and Refraction of Progressive Seismic Waves - (Reflexion et*

*réfraction des ondes séismiques progressives*). L. CAGNIARD. 282 pp. McGraw-Hill Book Co., Inc., New York, 1962. Pr. : \$11.00. (Cf. *Sea Frontiers*, Miami, Fla., Vol. 9, No. 4, September 1963, p. 253.)  
(*Intern. Hydrog. Review*, July 1964).

---

### TERRESTRIAL MAGNETISM — MAGNÉTISME TERRESTRE

6557. — *Ricerche di Geomagnetismo - (Geomagnetic Research - Recherches en géomagnétisme)*. Mario BOSSOLASCO, Antonio ELENA & Azzio CANEVA. 30 cm × 21 cm, pp. 53, 25 fig. Contributi dell'Istituto Geofisico & Geodetico dell'Università di Genova all'Anno Geofisico Internazionale 1957-58 & 1959, Memoria No. 2, Genova, 1962.  
(*Intern. Hydrog. Review*, July 1964).
- 

### GEOGRAPHY — GÉOGRAPHIE

6558. — *Oceans and Islands - (Océans et îles)*. Anthony HUXLEY. Weidenfeld & Nicholson (Educational) Ltd., London. Pr. : 45 s. (Cf. *Nautical Magazine*, Glasgow, July 1963, pp. 42-43.)  
(*Intern. Hydrog. Review*, July 1964).
6559. — *Seas, Maps, and Men - (Mers, cartes et hommes)*. G.E.R. DEACON. Pp. 295, ill. Doubleday & Company, New York, 1962. (Cf. *United States Naval Institute Proceedings*, Annapolis, Maryland, Vol. 90, No. 1, January 1964, p. 109.)  
(*Intern. Hydrog. Review*, July 1964).
-

## II. — DOCUMENTARY BIBLIOGRAPHY

### BIBLIOGRAPHIE DOCUMENTAIRE

#### TIDES AND CURRENTS — MARÉES ET COURANTS

6560. — *Tides - (Les marées)*. J. R. ROSSITER. Reprint from : *Oceanogr. Mar. Biol. Ann. Rev.*, London, 1963, 1, pp. 11-25.  
(Intern. Hydrog. Review, July 1964).
6561. — *Measurements of Upper and Lower Tidal Currents at Banc de la Chapelle - (La mesure des courants supérieurs et inférieurs de marée sur le banc de la Chapelle)*. D. E. CARTWRIGHT & A. J. WOODS. *Deutsche Hydrographische Zeitschrift*, Hamburg, Jahrgang 16, Heft 2, 1963, pp. 64-76.  
(Intern. Hydrog. Review, July 1964).
6562. — *On Measuring Long Waves with a Tide Gauge - (Sur la mesure des ondes longues à l'aide d'un marégraphe)*. A. M. SHIPLEY. *Deutsche Hydrographische Zeitschrift*, Hamburg, Jahrgang 16, Heft 3, 1963, pp. 136-140.  
(Intern. Hydrog. Review, July 1964).
6563. — *Note on the Influence of Currents upon Wind Estimates - (Notes sur l'influence des courants sur les estimations de vents)*. L. OTTO. *Journal of Applied Meteorology*, Vol. 2, No. 1, February 1963, pp. 186-190.  
(Intern. Hydrog. Review, July 1964).
6564. — *Accumulation and Abrasion in a Tidal Area, Cartographical Methods and Results - (Accumulation et érosion dans les zones à marées, méthodes cartographiques et résultats)*. Jens Tyge MØLLER. *Geografisk Tidsskrift*, København, 62 Bind, 1963, pp. 56-79.  
(Intern. Hydrog. Review, July 1964).
6565. — *Ein neuer Dauerstrommesser - (A new permanently recording current meter - Un nouveau courantomètre à enregistrement permanent)*. G. DIETRICH & G. SIEDLER. *Kieler Meeresforschungen*, Kiel, Band XIX, Heft 1, 1963, pp. 3-7.  
(Intern. Hydrog. Review, July 1964).
6566. — *History, Sand Waves and Near-Bed Currents of La Chapelle Bank - (L'Histoire, les dunes et les courants profonds du banc de La Chapelle)*. J. N. CARRUTHERS. *Nature*, London, Vol. 197, No. 4871, March 9, 1963, pp. 942-946.  
(Intern. Hydrog. Review, July 1964).
6567. — *A Buoy-Satellite System for Current Measurement - (Un système bouée-satellite pour la mesure des courants)*. Heyward E. CANNEY, Jr. *Undersea Technology*, Arlington, Va., Vol. 5, No. 3, March 1964, pp. 32-35.  
(Intern. Hydrog. Review, July 1964).

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#### NAVIGATION

6568. — *The Automation of Ships' Navigation Systems - (L'automatisation des systèmes de navigation des navires)*. C. T. CLAYTON and Charles G. KURZ. *The Journal of the Institute of Navigation*, London, Vol. 16, No. 2, April 1963, pp. 145-162.  
(Intern. Hydrog. Review, July 1964).

6569. — *G.E.O.N. Un nouveau système de navigation - (A new navigational system: G.E.O.N.)*. W. S. von ARX. *Navigation*, Paris, Vol. XI, No. 43, Juillet 1963, pp. 239-250.  
(Intern. Hydrog. Review, July 1964).
6570. — *The Navigation of a Communication Satellite - (La navigation d'un satellite de télécommunication)*. J. E. CLEGG. *The Journal of the Institute of Navigation*, London, Vol. 16, No. 2, April 1963, pp. 163-179.  
(Intern. Hydrog. Review, July 1964).

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## METEOROLOGY — MÉTÉOROLOGIE

6571. — *The Identification of Weather Conditions associated with the Generation of Major Storm Surges along the West Coast of the British Isles - (L'identification des conditions météorologiques associées à la production d'ondes de tempête importantes de long de la côte ouest des îles Britanniques)*. G. W. LENNON. Reprint form : *Quarterly Journal of the Royal Meteorological Society*, Vol. 89, No. 381, July 1963, pp. 381-394.  
(Intern. Hydrog. Review, July 1964).
6572. — *Temperature-Difference Corrections for the Dip of the Horizon - (Corrections des différences de température pour la dépression de l'horizon)*. Lutz HASSE. *The Journal of the Institute of Navigation*, London, Vol. 17, No. 1, January 1964, pp. 50-56.  
(Intern. Hydrog. Review, July 1964).
6573. — *Tsunami Warning Charts - (Cartes d'avertissement de tsunamis)*. A. E. GILMOUR. Reprinted from *New Zealand Journal of Geology and Geophysics*, Vol. 4, No. 2, May 1961, pp. 132-135. New Zealand Oceanographic Institute, Collected Reprints 1960, No. 104, Wellington, March 1962.  
(Intern. Hydrog. Review, July 1964).

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## OCEANOGRAPHY — OCÉANOGRAPHIE

6574. — *The U. S. Oceanographic Fleet - (La flotte océanographique des E.U.A.)*. J. R. MORGAN. *United States Naval Institute Proceedings*, Annapolis, Maryland, Vol. 89, No. 7, July 1963, pp. 48-57.  
(Intern. Hydrog. Review, July 1964).
6575. — *Soviet Oceanography - (Océanographie des Soviets)*. Bernard M. KASSELL. *United States Naval Institute Proceedings*, Annapolis, Maryland, Vol. 89, No. 7, July 1963, pp. 58-69.  
(Intern. Hydrog. Review, July 1964).
6576. — *Empirische Untersuchung zur Frage der Beziehung zwischen durchschnittlicher und kennzeichnender Wellenperiode im Seegang - (Empirical investigations of the relation between the mean and the significant wave period in the sea) - (Etudes empiriques de la relation entre la période moyenne et la période significative des vagues dans la houle)*. Jürgen PIBST. *Deutsche Hydrographische Zeitschrift*, Hamburg, Jahrgang 16, Heft 1, 1963, pp. 9-14.  
(Intern. Hydrog. Review, July 1964).
6577. — *Sea Temperature Fluctuations in the Red Sea, the Gulf of Aden, and the Arabian Sea - (Fluctuations des températures de l'eau de mer dans la mer Rouge, le golfe d'Aden et la mer d'Arabie)*. G. A. TUNNELL. *The Marine Observer*, London, Vol. XXXIII, No. 202, October 1963, pp. 192-201.  
(Intern. Hydrog. Review, July 1964).

6578. — *An Improved Portable Conductivity Salinometer for Sea-Water Samples - (Un nouveau salinomètre à conductibilité, portatif, pour échantillons d'eau de mer)*. Th. J. HOUTMAN. Reprinted from *New Zealand Journal of Geology and Geophysics*, Vol. 4, No. 4, November 1961, pp. 407-414. New Zealand Oceanographic Institute, Collected Reprints, 1960, No. 90, Wellington, March 1962.  
(Intern. Hydrog. Review, July 1964).
6579. — *International Organizations in Oceanography - (Organisations internationales en océanographie)*. G. BÖHNECKE. *ICSU Review of World Science*, Amsterdam, Vol. 5, No. 1, January 1963, pp. 14-19.  
(Intern. Hydrog. Review, July 1964).
6580. — *Wave Propagation through Fields of Pack Ice - (Propagation des ondes à travers la banquise)*. G. de Q. ROBIN. *Philosophical Transactions of the Royal Society*, London, Series A, Vol. 255, A. 1057, 1963, pp. 314-338.  
(Intern. Hydrog. Review, July 1964).

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### GEODESY — GÉODÉSIE

6581. — *Hydrostatic Levelling in the Netherlands - (Nivellement hydrostatique aux Pays-Bas)*. Ir. A. WAALEWIJN. *Survey Review*, London, Vol. XVII, No. 131, January 1964, pp. 212-221.  
(Intern. Hydrog. Review, July 1964).
6582. — *Sul passaggio delle coordinate piane di un punto da un fuso a quello adiacente, nella rappresentazione conforme di Gauss - (Transfer of plane coordinates of a point from a zone to an adjacent one, in Gauss conformal projection) - (Sur le passage de coordonnées planes d'un point d'un fuseau au fuseau adjacent dans la représentation conforme de Gauss)*. Ernesto LENZI. *Bollettino di Geodesia e Scienze Affini*, Firenze, No. 2, Aprile-Maggio-Giugno 1963, pp. 243-245.  
(Intern. Hydrog. Review, July 1964).
6583. — *Geodetic Standard Base Lines and the Dimensions of the Earth - (Bases géodésiques étalons et les dimensions de la Terre)*. W. A. HEISKANEN. *Bollettino di Geodesia e Scienze Affini*, Firenze, No. 4, Ottobre-Novembre-Dicembre 1963, pp. 451-468.  
(Intern. Hydrog. Review, July 1964).

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### TERRESTRIAL MAGNETISM — MAGNÉTISME TERRESTRE

6584. — *Aufbau und Theorie Gerätes zur Messung der magnetischen Horizontalfeldstärke auf See mit der Förster-Sonde - (Structure and theory of a field intensity meter after Förster for the measurement of the horizontal magnetic field intensity at sea - (Structure et théorie de l'indicateur d'intensité de champ d'après Förster pour la mesure du champ magnétique horizontal à la mer)*. Heinrich HESS. *Deutsche Hydrographische Zeitschrift*, Hamburg, Jahrgang 16, Heft 1, 1963, pp. 15-43.  
(Intern. Hydrog. Review, July 1964).