

Hydrographic Services and Standards Committee

Proposal by the Hydrographic Dictionary Working Group on a new strategy and HD format



How an IHO success, if not careful, coul turn into a resounding failure?

Old HD hard copies are possibly the most consulted IHO publications because they are

- ✓ centred on Hydrography
- ✓ legible and traditionally written
- ✓ convenient (synoptic display)
- encyclopaedic
- ✓ technical (whilst still approachable by mortals)
- ✓ and multilingual (...sort of)



HD shortcomings

With less human resources than ever, and stingy patrons' support (not all patrons...see Peru), the HDWG has failed:

- to address the need to cater for urgent requirements (S-100),
- to hold a face-to-face meeting for over 10 years
- and to meet its yearly programme target in spite of confirmed political interest.



The HD challenge

To adapt, the HD needs to be

- · less European centred (languages...),
- flexible and open to changes (S-100...),
- cheaper to manage with less HR,
- more robust (less prone to ambiguities),
- and more convenient to use whilst retaining its old appeal, and to this end, make the best of new opportunities (crowdsourcing...).



HD new principles

- Unique IHO reference
- Recourse to Crowdsourcing
- Optional translations in an unlimited number of languages, under National HOs' responsibility
- Ingestion of all unambiguous terms contained into the IHO Geospatial Information Items (GII) registry



Unique IHO reference

- One IHO practical language only
- Optional translations in an unlimited number of languages, under National HOs' policy and responsibility
- All HD policy papers will remain translated into the IHO official languages



Recourse to Crowdsourcing

- A development contract with the Wikimedia Foundation has been authorised by HSSC
- > 50 words are to tested by the demonstrator in 5 languages: Chinese (繁體字 and 简体字), English, French, German and Spanish



Optional translations in an unlimited number of languages, under National HOs' responsibility

- Access to non-IHO versions will be monitored/moderated by National HOs
- All national terms will be synoptically displayed alongside the IHO reference



Ingestion of all unambiguous terms contained in the IHO Geographical Information Items (GII) registry

- Access to GII registry will be monitored by the S-100 WG, without further interference from the HDWG
- All national translations of GII terms will be displayed alongside the S-100 WG reference

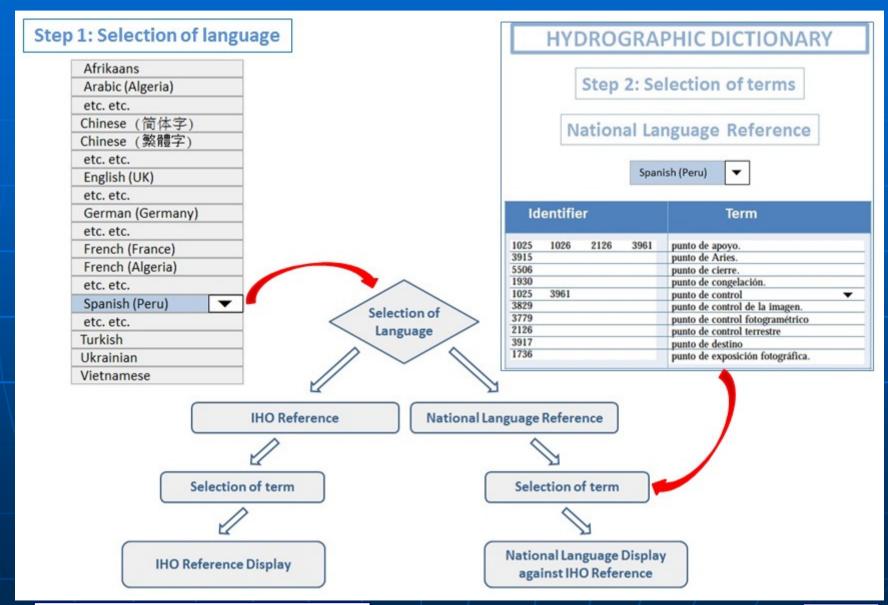


Extending the HD range to the world community of users

ID	IHO Reference	中文 (繁體字) CHINESE traditional (China Taipei, Hong Kong, etc.)	中文 (简体字) CHINESE simplified (PRC, Singapore, etc.)
841	clinometer An instrument for indicating the degree of SLOPE or the angle of ROLL or PITCH of a vessel, according to the plane in which it is mounted.	傾斜儀,傾側儀 一種 <u>測量船身傾斜度</u> 數的儀器,按 照此種儀器所懸掛之平面,可以測 量船身橫擺,或縱擺之角度。	倾斜仪,倾侧仪 一种 <u>测量船身倾斜度</u> 数的仪器,按 照此种仪器所悬挂之平面,可以测 量船身横摆,或纵摆之角度。
2428	inclinometer An instrument for measuring the INCLINATION to the horizontal of the longitudinal axis of an aircraft. See DIP CIRCLE, WIRE ANGLE INDICATOR.	傾斜 儀,磁傾儀 用以測量與水平方向所成之傾斜儀器,尤以測量飛機之 縱軸與水平 之 傾斜角指示器 。	倾斜 仪,磁倾仪 用以测量与水平方向所成之倾斜仪器,尤以测量飞机之 <u>纵轴与水平</u> 之 倾斜角指示器 。

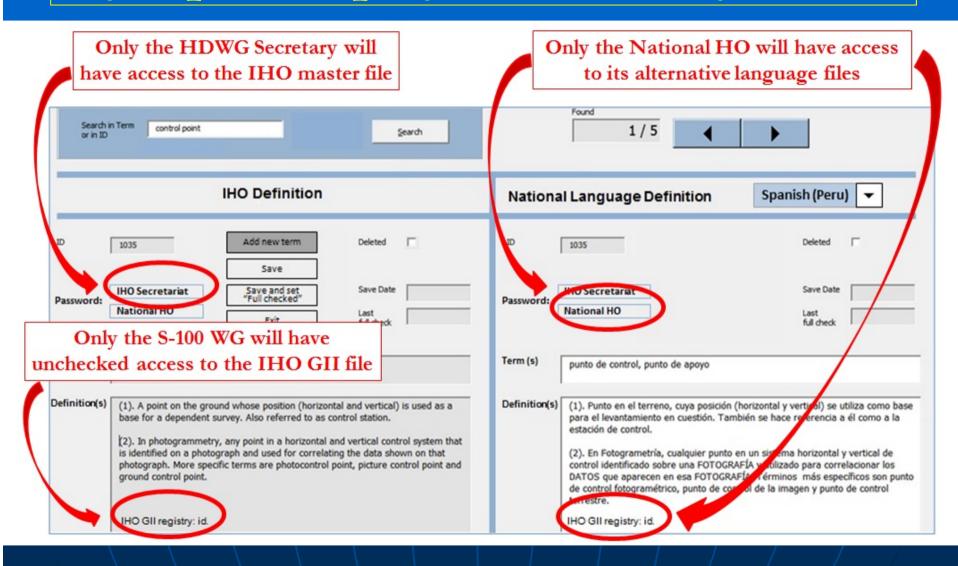


A Spanish (Peru) application





Synoptic display and Security issues





Action requested of HSSC

The HSSC is invited:

- 1. To approve the new HDWG policy
- 2. To confirm its support of the Wikimedia crowdsourcing option
- 3. To approve an HDWG meeting with Wiki in Monaco in early 2017 to finalise the HD final format



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Endnote

ARGANS Ltd. is a British SME, specialised in Earth Observation (EO). Its main client is the European Space Agency (ESA) for whom it has developed a number of applications for satellite sensors vicarious calibrations & intercalibrations and data validation algorithms.

Thanks to its team of SHOM- and UKHO-trained Cat. A Hydrographers, ARGANS is further proposing a range of services in satellite derived Bathymetry, Cartography and Maritime Delimitations.

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Any questions?

