

HafenCity Universitä Hamburg

# The DHyG-Accredited Hydrographer -first steps and evaluations-

(in German: DHyG-Anerkannter Hydrograph)

### Volker Böder HafenCity Universität Hamburg, HCU

FIG Congress 2010 13 April, 2010 Sydney, Australia

### **IHO M-5**

# 4. GUIDELINES FOR RECOGNITION OF INDIVIDUALS

• The Board does not provide recognition to individuals.

#### 4.1 Individual recognition

National organizations and academic institutions may recognize individuals.

#### **DHyG**

#### 2.6 Experience

- both education and experience
- at least two years field experience: minimum level of competence

### HCU | HarianGity Universit







ANDARDS OF COMPETENCE

M-5 Tenth Edition, 2008

Guidance and Syllabus for Educational and Training Programme

Published by :
The International Hydrographic Burea.
4, qual Antoine 1er
8, P. 445
Monaco, MC98011 Cedex
MONACO
<info@lib.mc>
</mm>

Imments arising from the operience gained in the application of the guidance and systibus are section. They should be addressed to the Chailman of the International Board at the above diddens. This document is published periodically. Please check with IHB for the latest edition, collecting current amendments. Heave consult the companion IHO publication IH-6 "Reference Texts for Training in Hydrography", assistable from the IHO.

## The German Hydrographic Society

### Deutsche Hydrographische Gesellschaft (DHyG)



- founded in 1984
- Non-governmental, non-profit, independent
- promotes practical and scientific hydrography as well as national and international cooperation in this field.
- Provides support for persons employed in hydrography and for beginners
- · To achieve these goals, the DHyG
  - publishes information in its periodical Hydrographische Nachrichten
  - holds conferences, seminars and other events,
  - cultivates contacts with related disciplines,
  - offers member companies a forum for international contacts, and
  - arranges advice by its members for the planning and completion of hydrographic projects.
- Member of the International Federation of Hydrographic Surveyors (IFHS)
- Good relationship to DVW (Bremer Erklärung 2008) => DVW FIG-member

3

#### HCU Hamburg

### History of DHyG-Accredited Hydrographer

#### 2004

- After intensive discussions the DHyG-Advisory Board (Dieter Seefeldt, Hamburg Port Authority) propose to the Board the establishment of a commission to certify a "Consulting Hydrographer"
  - With guiding principles and proposal for a signet

#### 31.03.2006

- 1st meeting of the Acceptance Commission
  - Consisting of 6 persons

HCU

HafenCity Universitä

### **Acceptance Commission**

- 6 DHyG members
  - Authorities
    - Lutter (Water and Shipping Authority)
    - Marske (Ports)
  - Hydrographic Companies
    - Jeuken (FUGRO / OSAE)
  - Manufacturer (Sales and Developing)
    - Dr. Fahrentholz (Fahrentholz Echosounder)
    - Könnecke (ATLAS)
  - Academic Education, Research
    - Dr. Böder (HafenCity University, HCU)
      - English spoken CAT-A course

#### HCU

HafenCity Universität

### First steps

- Policy
  - Only 3 pages, in order not to stress the procedure
- Application formula
  - Questionnaire (5 pages)
- Evaluation Matrix
  - Must be filled out by each referee (commission member) indepently
  - Up to now not open to the public
- Pricing
  - 100 Euro (150AUS \$, 140 US \$) for DHyG members
    - 50 Euro (75AUS \$, 70 US \$) for extension after 5 years
  - 350 Euro (525AUS \$, 490 US \$) for Non-DHyG members
    - 350 Euro for extension after 5 years

HCU

HafenCity Universitä

### Application - Questionnaire

- Education
- Profession
- Company
- Function
- Professional Experiences
- Competence in Research&Development
- Competence in Education
- Further Education (courses, seminars, life long learning)
- Publications
- Activities in professional societies

HCU

HafenCity Universität

# Evaluation Matrix - examples

Education (Hydrography related)

- 20 PhD in Hydrography
- 15 CAT-A absolvent
- 12 M.Sc. in related field
- 10 B.Sc. in related field

Max. 20 points possible

Professional Experiences (Hydrography related, for full points 5 years experiences)

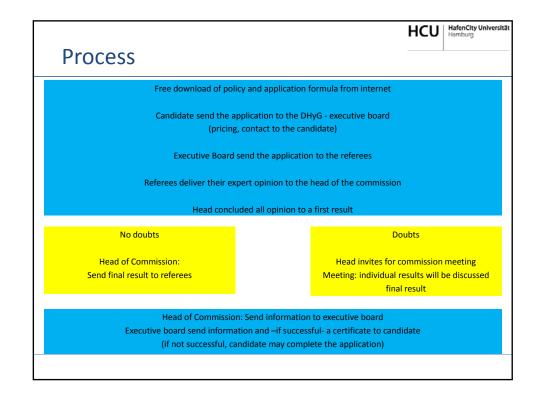
- 10 Managing Director
- 15 Project leader
- 05 Measurement
- 10 Processing
- 15 Sales / Support

Highest and 2<sup>nd</sup> highest value => Maximum 30 points possible

Evaluation: max. values

20 Education
Profession
Company
30 Function / Professional Experiences
20 Competence in Research&Development
15 Competence in Education
10 Further Education (courses, seminars, life long learning)
15 Publications
5 Activities in professional societies

115 Maximum possible points, nearly not reachable
Threshold: around 50 points



HCU

HafenCity Universitä Hamburg

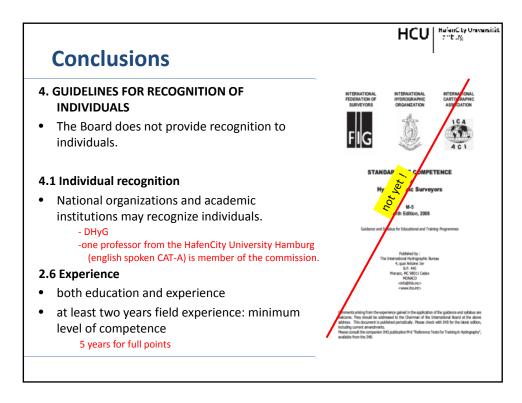
### Results

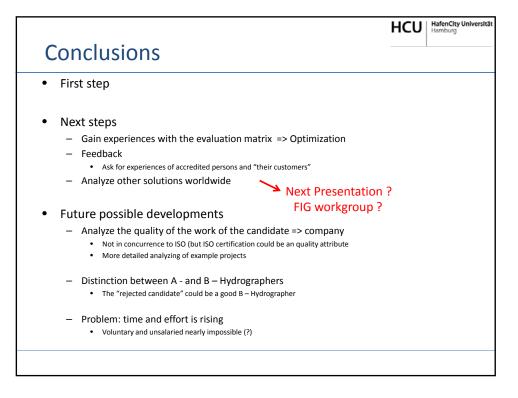
- 1st application in June 2009
- Until now
  - 2 accepted (around 50 points)
    - 2 Engineers
      - 1. One man bureau
      - 2. Hydrographic project leader in dredging company both not CAT-A
  - 1 rejected (around 35 points)
    - Technician, mostly working in the field
  - 437 clicks to the application formula (April 2010)
- First tenders referenced the DHyG-Accreditation as possible (!) proof for hydrographic competence

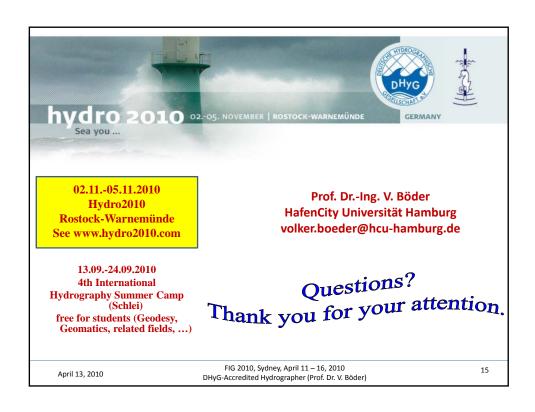
### The Certificate

- authorizes to hold the title "DHyG-Accredited Hydrographer" and the signet
- Limited to 5 years
- Exclusive awarded from DHyG
- The DHyG recognizes the competence of the candidate.









HCU	HafenCity Universität Hamburg

