



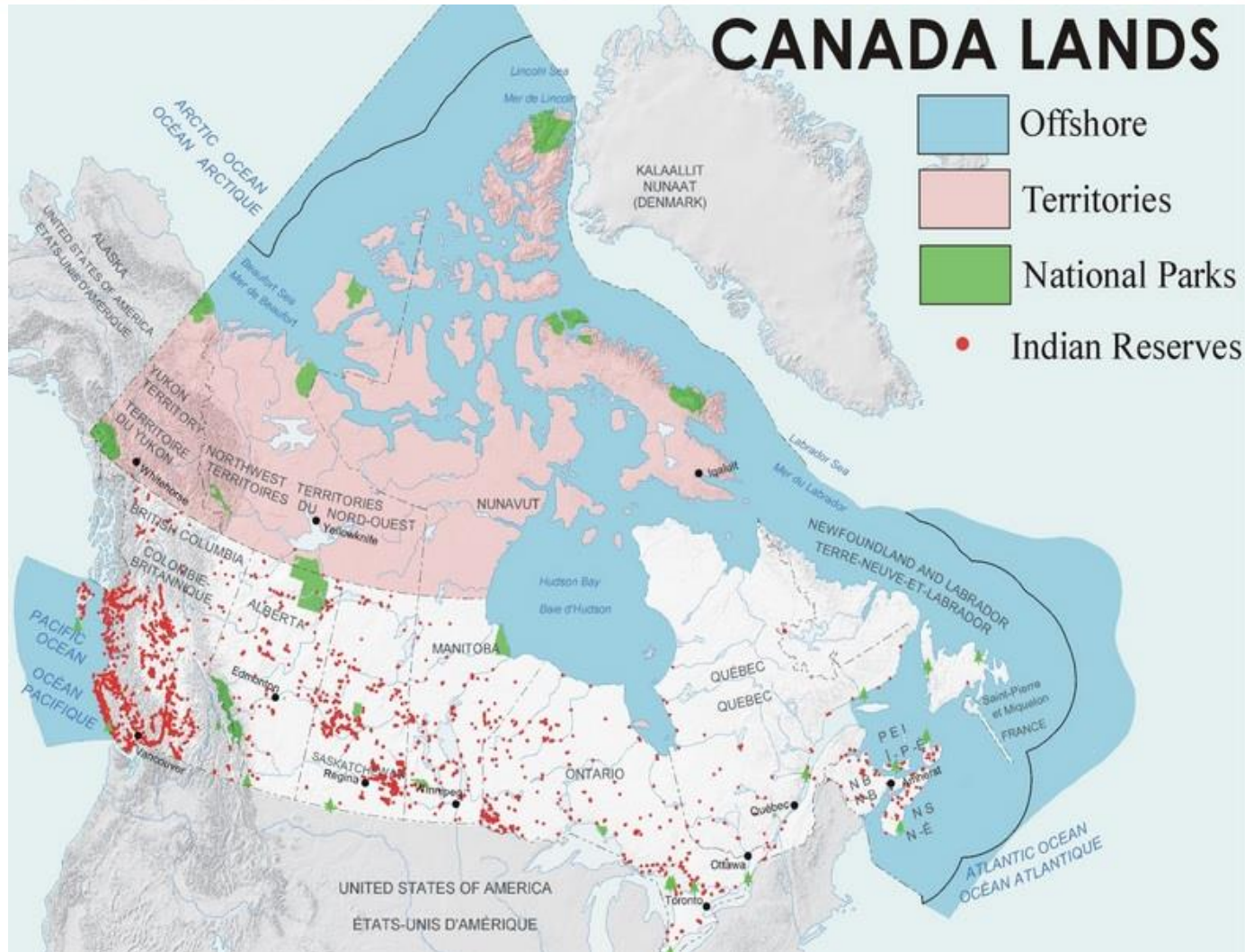
The Canadian Hydrographic Surveyor Certification Scheme

Nancy Kearnan, C.L.S., a.-g.
Director General, Northern Governance for
Crown Indigenous Relations and Northern Affairs

Why the ACLS?

- The ACLS, which was formed in 1985
- Is a national, bi-lingual, self-regulated, non-governmental and
- The sole professional organization in Canada, which can provide an effective administrative capacity and a legislated regulatory framework, to support the Canadian Hydrographic Surveyor Certification Program.

Offshore Canada Lands = 60% of Canada



- International Board on the standard of Competence for Hydrographic Surveyors and Nautical Cartographers
- Formed by FIG, IHO and ICA
- Reviews learning programs and recognizes Category A and B qualifications
- Reviews regional schemes

Cat A and Cat B

- Someone with a Cat A or B qualification means that he or she graduated from a IBSC recognized learning program.
- In Canada, there are no Cat A programs but there are 2 Cat B programs:
 - CIDCO in Rimouski, QC
 - Marine Institute in St. John's, NL

The hydrographic surveyor certification program complies with or exceeds the IHO S-5 section 4.2 - Guidelines for National or Regional Schemes.

Certificate of Recognition

N°170

*FIG/IHO/ICA International Board on
Standards of Competence for Hydrographic Surveyors
and Nautical Cartographers (IBSC)*



CERTIFICATE OF RECOGNITION

*The FIG/IHO/ICA International Board on Standards of Competence for Hydrographic Surveyors and Nautical Cartographers, having reviewed the scheme for individual recognition “**System for Certifying and Recognizing the Competency of Individuals as Hydrographic Surveyors in Canada**” submitted by the ASSOCIATION OF CANADA LANDS SURVEYORS -ACLS (CANADA) against the “Standards of Competence for Hydrographic Surveyors”, S-5 Edition 11. 1.0, and being satisfied that it meets the requirements prescribed for a national level (Canada), hereby awards this certificate of recognition for a period of six (6) years.*

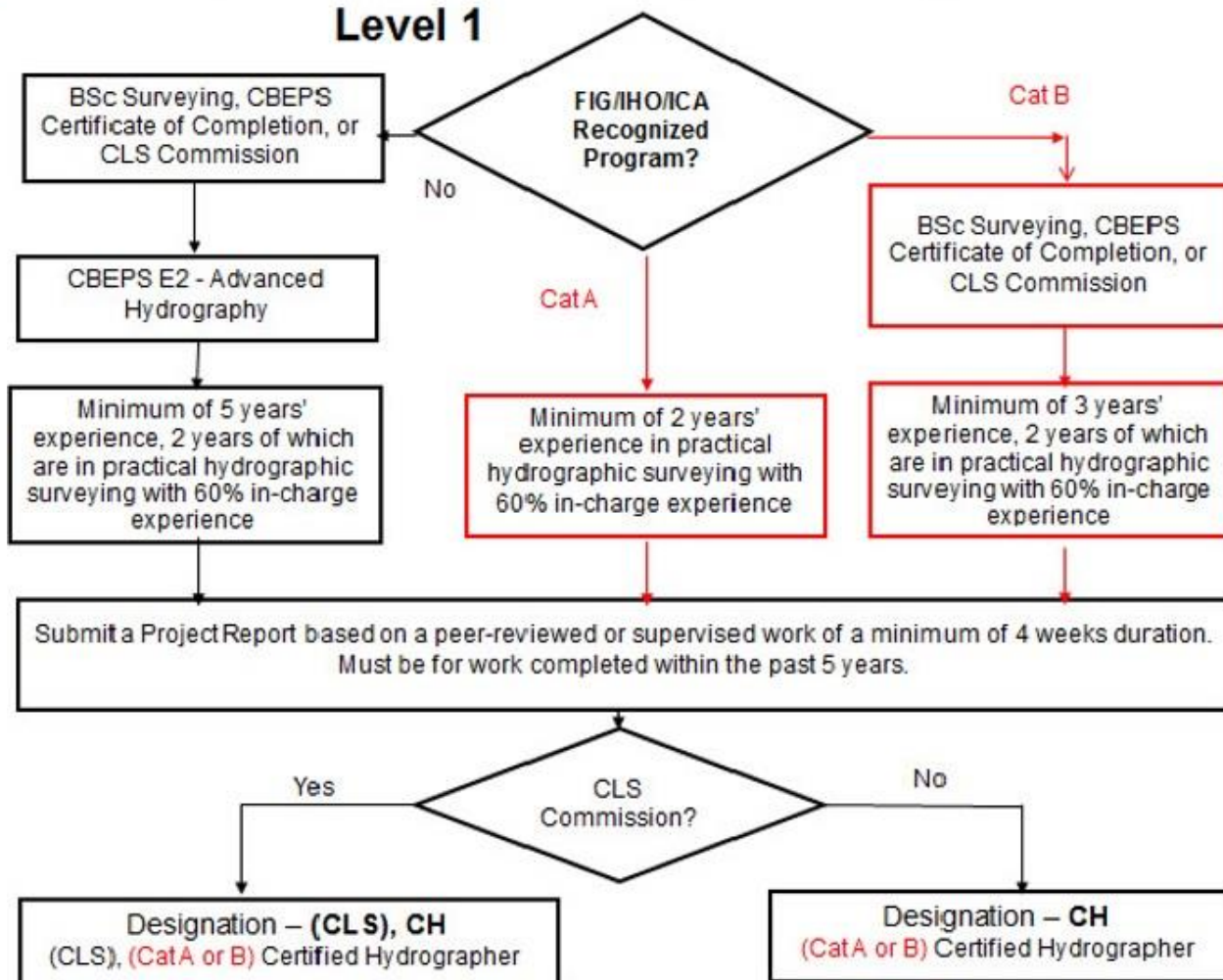
Signed at Monaco

*Prof. Dr. Nicolas Seube
Chairman of the Board
This day the 15 of April 2016*

Level 1

- Competent to undertake and manage hydrographic surveying projects.
- Cat A, only need 2 years of experience and a project report.
- Cat B, need to have a CBEPS Certificate of Completion, CLS Commission or BSc in Surveying, 3 years of experience and a project report.
- CLS Commission, BSc Surveying or CBEPS Certificate of Completion need CBEPS E2 plus 5 years of experience and a project report.

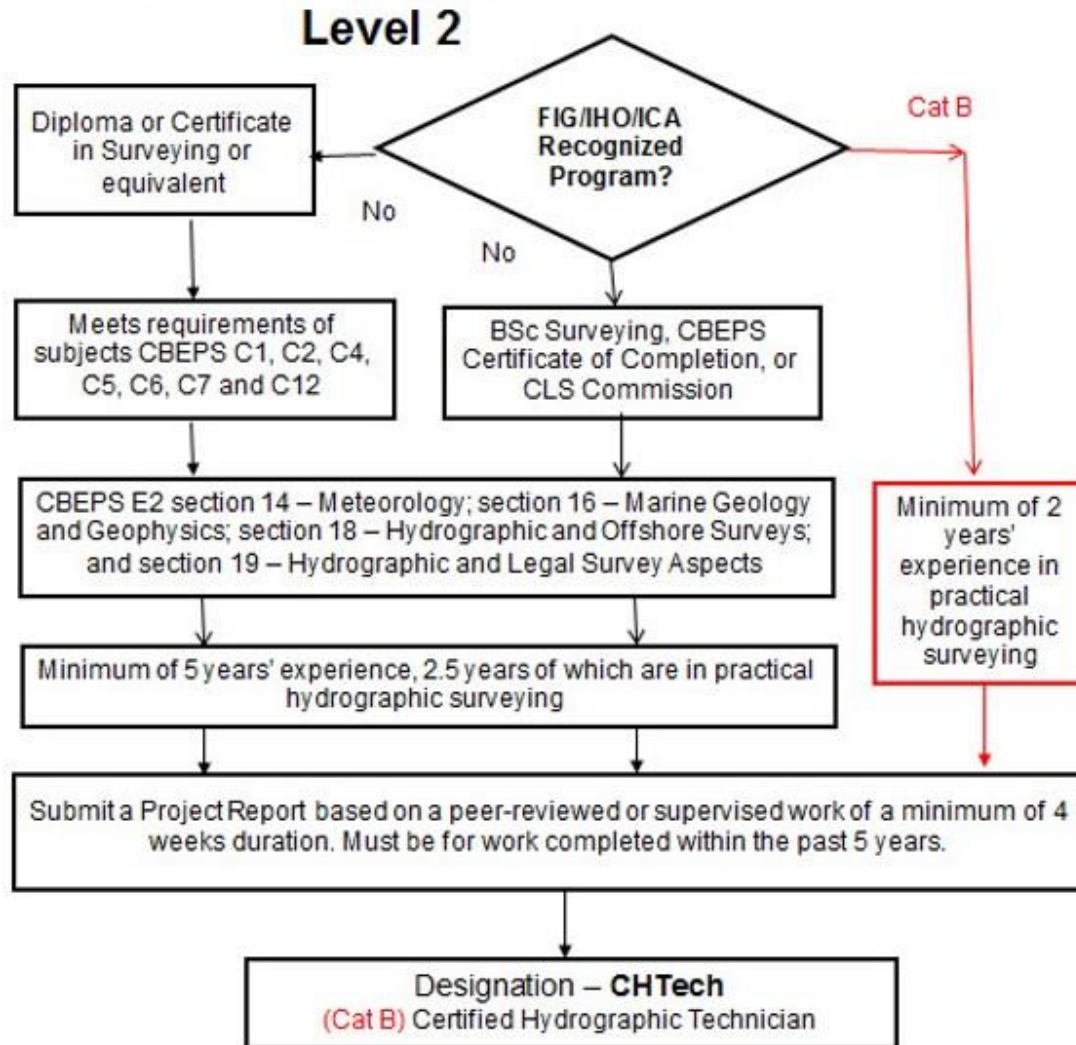
Level 1



Level 2

- Competent to support hydrographic surveying projects
- Cat B, only need 2 years of experience and a project report.
- Diploma or Certificate in Surveying, need to pass the CBEPS subjects listed plus some sections of the E2 subject plus 5 years of experience and a project report.
- BSC in Surveying, CBEPS Certificate of Completion or CLS Commission need to pass some sections of the E2 subject plus 5 years of experience and a project report.

Level 2



Canadian Hydrographic Surveyor Certification Panel

CHSCP is composed of 11 members:

- ✓ 4 from private industry
- ✓ Director General, Canadian Hydrographic Service (CHS)
- ✓ 3 from Academia
- ✓ 1 Retired from CHS who is the Liaison with the ACLS Board of Examiners
- ✓ 1 from Public Works Canada
- ✓ 1 from the Surveyor General Branch of NRCan

Maintenance of Certification

- If an ACLS member, every 5 years with logbook of experience over previous 60 months.
- If not a member, every year with log of experience over previous 12 months.
- In all cases, mandatory CPD required:
 - Focused on hydrographic and/or offshore surveying.
 - 45 hours over 3 calendar years.
 - Minimum of 5 hours per year of formal Courses and Seminars.

This is to certify that:

La présente atteste que:

John Smith

Who was assessed as a Hydrographic Surveyor Level 1 on December 17th, 2015, has been recognized under the ACLS Guidelines for Hydrographic Surveyors, as adopted by the Association of Canada Lands Surveyors, and as such has been certified as a

**Certified Professional Hydrographic
Surveyor Category A
CPHS (Cat A)**

This certificate was issued by the Registrar on January 1, 2016 and remains in force subject to annual validation and continuing compliance with the Association of Canada Lands Surveyors Hydrographic Surveying Certification Program including meeting the Continuing Professional Development requirements.

Qui a été évalué comme hydrographe de niveau 1 le 17 décembre 2015, a été reconnu selon les lignes directrices du programme de certification des hydrographes de l'AATC, tel qu'adopté par l'Association des Arpenteurs des Terres du Canada, et en tant que telle a été certifiée en tant que

**Hydrographe professionnel certifié
Catégorie A
H.p.c. (Cat A)**

Ce certificat a été délivré par le registraire le 1^{er} janvier, 2016 et demeure en vigueur sous réserve d'une confirmation annuelle et de la conformité au programme de certification des hydrographes de l'Association des arpenteurs des terres du Canada, y compris aux exigences de perfectionnement professionnel continu.

Registrar

Registraire

Labour Mobility

- Exchanges with the AHSCP (Australasia) which is the only other IBSC recognized program
- A Mutual Recognition Agreement has been presented to the AHSCP
- Waiting for its reply

Thank you!