Canadian Council of Professional Fish Harvesters

The Changing Safety Environment in the Canadian Fish Harvesting Sector

Canadian Board of Marine Underwriters
Semi-annual meeting
May 22, 2014 - Collingwood ON

The Canadian Council of Professional Fish Harvesters (CCPFH) is the national human resources sector council for the Canadian fish harvesting industry.

The membership includes the major organizations representing crew members and captains in Atlantic and Pacific commercial fisheries as well as fresh water and aboriginal fisheries.

The CCPFH mission is to ensure fish harvesters have the appropriate knowledge, skills and commitment to meet the human resource needs of the Canadian fishery now and in the future.

The CCPFH's ultimate objective is a professionalized fishing industry through harvester-led training and certification as the foundation for stable coastal communities, sound stewardship of resources and viable owner-operator fisheries in Canada.

Member Organizations

- Agence Mamu Innu Kaikusseht (AMIK)
- Alliance des Pêcheurs Professionnels du Québec (APPQ)
- Area A Crab Association
- Area G/Troll Fishery Association (TFA)
- Association des Pêcheurs Professionnels Membres d'Équipages (APPME)
- Bay of Fundy Inshore Fishermen's Association (BFIFA)
- Fédération Régionale Acadienne des Pêcheurs Professionnels (FRAPP)
- Fish Food and Allied Workers (FFAW-Unifor)
- Gulf Nova Scotia Fleet Planning Board (GNSFPB)
- Lake Manitoba Commercial Fishermen's Association (LMCFA)
- Manitoba Commercial Inland Fishers Federation (MCIFF)
- Maritime Fishermen's Union/Union des pêcheurs des Maritimes (MFU/UPM)
- Mi'kMaq Confederacy of Prince Edward Island (MCPEI)
- Native Brotherhood of British Columbia (NBBC)
- PEI Shellfish Association (PEISA)
- Prince County Fishermen's Association (PCFA)
- United Fishermen and Allied Workers Union (UFAWU-Unifor)

Activities

Representative, Responsive and Connected

Governance

- General Assemblies
- Board of Directors
- Standing Committees
- Project Steering Committees

Consultation

- National Conferences and Workshops
- Regional Forums – Certification and Training
- Provincial Roundtables
- HR Conferences

Activities

Representative, Responsive and Connected

Research

- 2000 national occupational profile
- 2004 review of health and safety issues
- 2005 sector study (Canadian fish harvesting industry)
- 2008 aboriginal fish harvesters' skills needs assessment

Projects – Early Activities

Defining Professionalization - Taking Control

- Regional programs to develop certification systems
- National certifications and training conferences
- Essential skills and leadership training programs
- Tools for trainers

Projects – Transition

Responding to a changing industry environment.

CCPFH project focus shifts to the need for new resources, strategies and tools:

- To engage a diverse and widely dispersed labour force
- To address the technological, business and regulatory requirements of today's fishery

Learning programs and tools developed in three areas:

- Fisheries management and science
- Business management
- Safety

Projects - Transition

Products in the three areas include:

- Four course outlines for fish harvester training in fisheries management
- Handbook on fisheries management and science
- Managing your fishing enterprise

  Home guide to help manage a successful fishing enterprise (Two CDs with four modules)
- Stewards of the Sea

  Understanding markets (CD with seven presentations)
- Fishing Master IV

  Distance learning program to prepare for Transport Canada exams.

Recent and Current Projects

Canadian Capture Fisheries Research Network

- Network lead partners UNB, DFO and CCPFH. Five year project built around 12 collaborative fisheries projects including 11 Canadian Universities, DFO personnel and fish harvesters across the country.

Provincial Roundtables

- Bringing stakeholders together on a provincial basis to facilitate training.

Recent and Current Projects

Lobster Traceability

Sealer Professionalization

- Developing occupational standards and certification criteria for the sealing industry and training for sealers to meet regulatory requirements.

Recent and Current Projects

Training Needs Assessments for Transport Canada Regulations

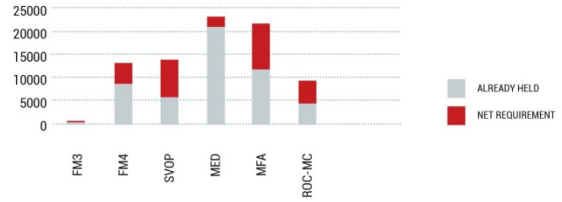
- Determining on a provincial basis training needs created by Transport Canada regulations

SUMMARY OF KEY DATA

ESTIMATED TRAINING REQUIREMENTS BY CERTIFICATION

	FM3	FM4	SVOP	MED	MFA	ROC-MC
Gross requirement	508	12,950	13,683	22,872	21,604	12,583
Already held	968	8,187	8,344	21,580	12,962	6,449
Net requirement	6	4,297	5,340	4,502	8,642	6,134
% compliance	191%	64%	61%	80%[1]	60%	51%

Note 1: the % compliance for MED excludes Newfoundland and Labrador, which has a compliance of 147%



ESTIMATED PROVINCIAL TOTALS FOR FISH HARVESTERS

	Total fish harvester vessels	Total fish harvester workforce	FM4 (or equivalent) Certs for compliance	FM4 Compliance %	MED Certs for compliance	MED Compliance %
Newfoundland and Labrador	4,619	11,560	3,468	42%	5,022	147%
Nova Scotia	5,428	12,940	3,719	83%	5,609	92%
Prince Edward Island	1,910	4,200	520	33%	2,030	82%
New Brunswick	2,210	5,268	1,310	88%	2,440	84%
Quebec	1,222	3,811	631	57%	2,267	61%
Ontario	252	776	357	66%	337	99%
Manitoba	1,609	3,244	50	48%	1,611	95%
Saskatchewan	303	607	2	100%	303	0%
Alberta	27	58	6	100%	28	57%
Northwest Territories	35	74	8	50%	35	6%
Nunavut	13	41	9	89%	20	100%
Yukon	0	0	0	s.o.	0	s.o.
British Columbia	2,756	7,434	2,870	74%	3,170	65%
Totals	**20,382**	**50,013**	**12,950**	**63%**	**22,872**	**94% (80% excl NL)**

Recent and Current Projects

Fishing Vessel Stability Simulator

Fishing Vessel Stability Simulator Project - Aims

- Provide an interactive personal learning environment for fishers.
- Combine experiential knowledge with theoretical principles of stability.
- Change behaviour through application of stability concepts
- Degree of interactivity is key

Fishing Vessel Stability Simulator Background

Stability-linked fatalities / incidents in industry
Government response – more regulations / training required
Studies and recommendations have not seriously impacted statistics.
Industry seeking a solution
Industry coordination / consultation held

- 2006 / 2007 look at ways to be knowledgeable and compliant
- Large portion of fleet falls below regulatory radar
- Industry receptive to informal, individualized, interactive learning environment
- Partnership between industry and marine applied technology group

Fishing Vessel Stability Simulator Partners

CCPFH: Industry expertise

- West Coast / Central / East Coast
- Aboriginal fish harvesters

Marine Institute: Technical expertise

- SoF
- CMS
- DELT
- CCNB (french translation)

Fishing Vessel Stability Simulator - Learning Environment

Move from theoretical to practical

- Developed by fish harvesters for fish harvesters
- Makes stability concepts accessible through interactive learning
- Addresses multiple learning styles
- Audio, video, hands-on

Samples

- Theory / animations
- Try-it samples
- 3D simulation
- Gaming and learning

Fishing Vessel Stability Simulator - Technical Advisory

Technical Advisory Group

- CCPFH – Fish harvester board
- Regional Transport Canada personnel
- IOT/NRC – Engineering naval architecture
- DFA – Naval architect
- Marine Institute faculty
- Virtual Marine Technology

Matrix of Topics

- Basic hydrostatic principles
- Further hydrostatic principles
- Operational behaviour of Master and crew
- Application of physical principles
- Vessel management and regulatory environment
- Interactive 3D model of vessels

Learning Process

- Modules 1-5 are a gradual learning process
- Modules 1-3 are for all fishers
- Self-evaluations and quizzes
- Modules 1-5 aligned with Transport Canada's SCS1 standards!

Thank You

For more information please visit:
www.FishHarvestersPecheurs.ca