

SAFETY PROMOTION AND PREVENTION

The ROLE of FISH SAFE BC

PREVENTION

Prevention includes the coordination and development of safety tools, safety awareness and advocacy by:

- serving as an advocate for health and safety within the fishing industry;
- co-ordinating industry advice to WCB and other government agencies on health and safety issues and regulations;
- developing training tools for fishermen;
- monitoring and communicating accident patterns;
- improving safety awareness and procedures on board vessels, and;
- coordinating industry meetings and seminars on safety.

CLAIMS

To bring clarity to the process of claims and reduce overall costs to the industry. This will be accomplished through:

- providing fishing industry orientations for WCB staff;
- receiving all relevant WCB reports on claims in the fishing CUs and following up on claims where advisable;
- acting as liaison between the injured workers, individual vessel owners, fish buyers, and Case Manager dedicated to the fishing CUs, and;
- encouraging vessel owners to actively manage claims and plan for return to work.

FISH SAFE STABILITY EDUCATION PROGRAM

"I now have information that I can take away and apply on my vessel."

"For once someone has taken the fishing industry and their families seriously."

What started out as a line item; (develop a stability workshop) on a very ambitious annual workplan for Fish Safe exploded into a successful federally and provincially supported stability education program.

Why? Because all the pieces came together: A former fisherman with a Masters in education who researched and developed a curriculum based on adult education principals, and a third generation fisherman with the wherewithal to coordinate the whole lot together and convince the government that it was good investment to test the program and program materials and to continue funding courses to ensure that everyone has access. And the most important piece; fishermen through the Fish Safe advisory committee who took ownership and promoted an effective fisherman orientated education program as the number one priority for a fishing safety culture. And, finally WorkSafeBC (WCB) , Transport Canada (TC) and the Transportation Safety Board (TSB) as the regulatory bodies that have supported this initiative through funding and by including it as a key component of the implementation of their regulations. Course delivery began coastwide in April and courses are scheduled monthly in Prince Rupert, Vancouver and Vancouver Island. (see the inside supplement for more details)



The other key to the success of this program is the use of fishermen as facilitators. Three fishermen have trained as facilitators to deliver the course with the use of indirect instruction techniques that allows participants to draw on their own experience in the learning process. These indirect instruction methods are effective because they are set up to motivate participants and not just to convey concepts and facts. Participants walk away from the course able to talk about stability with personal authority, read a stability book, appreciate the cumulative nature of threats to stability, write stability instructions for their vessel, and to take ownership of safety on their vessel.

MEASURING STABILITY VIDEO

In an effort to de-mystify where those numbers come from that are in your stability book and what they actually relate to we took on the Measuring Stability DVD project. The end result, after somewhat of a learning curve on the technical side of things, is a 15 minute presentation that covers lines plans, incline experiment, on what is involved in the development of a stability book and how that information may be useful to a fisherman.



This program was developed primarily for use in the Fish Safe Stability Education Program but can be used in presentations and is available to all fishermen and marine educators.

FISHING VESSEL STABILITY GUIDE

A twelve page pictorial guide that illustrates several factors that threaten a vessels stability was developed as a tool for use in stability model demonstrations and as a quick reference guide for fishermen. It includes an explanation of the cumulative nature of events that can lead to a capsizing. Contact references to Fish Safe and Marine Action Group are provided to promote presentations on stability. The guide has been distributed at Fish Expo in Seattle, at all fishing industry association meetings and presentations, and is used in the Fish Safe Stability Education Program. 900 copies have been distributed to date.

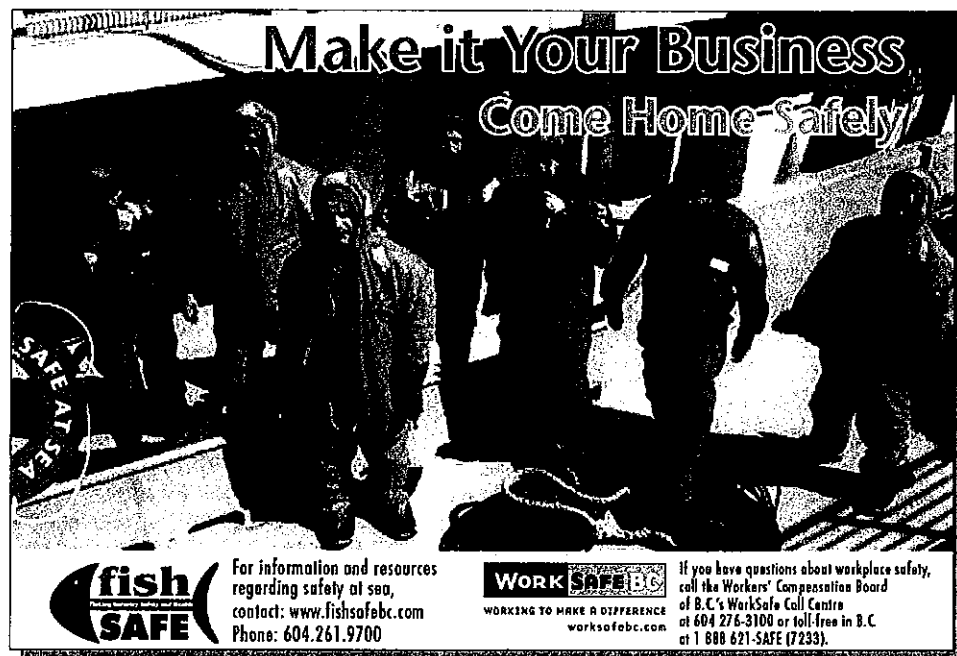


APRIL 1, 2005 — MARCH 31, 2006

MAKE IT YOUR BUSINESS

Last year Fish Safe undertook the development of advertisements and a theme for print material for communicating with the industry that focused on the positive aspects of safety on board.

The "Make It Your Business" theme featured the crew of the Frosti – who have "made it their business" and have been successful in incorporating safety procedures and a safety first attitude on board. Posters, brochures, handouts as well as advertisements have been well used with exceptional feedback this year.



SAFE AT SEA SERIES

Now in its fourth reprint the Safe at Sea Series has been included in the Facilitators tool box for the Fish Safe Education Program along with continued distribution at industry meetings and through Harbour's boards. This has been a very effective means of creating safety awareness in the fishing industry. The on line order form has generated international requests for the Safe at Sea Series from as far away as Rome and has also received accolades from the recreational boating community and east coast fishermen.

FISH EXPO

Fish Safe coordinated a co-exhibit at the Seattle Fish Expo with WorkSafeBC featuring fishing vessel stability as its theme. Quinte Marine participated by featuring stability demos on a model throughout the day. This attracted much interest and discussion around stability and fishermen were invited to take away information such as the stability guide and Safe at Sea DVD Series.

The safety coordinator also presented a seminar at the show called Promoting A Safety Culture and participated in an International panel on fishing safety that included the US Coast Guard, Alaska Marine Safety Education Association, North Pacific Fishing Vessel Owners Association, Trident Seafoods Safety Officer, Washington Sea Grant, Bristol Bay Driftnetters Association and other safety consultants. It was a good forum to see what is being done in other areas, what the issues are and to discuss solutions. WorkSafeBC's Harvey Linton and Shane Neifer also provided a presentation on the Fishing Vessel Stability Program. This show had a BC attendance of 375 and the show organizers saw that as a 50% increase from the last year and attributed that increase to our presence and advertising of the show. We will be participating in the Fish and Workboat Show in Vancouver, November 3rd and 4th, 2006.

FREE PASS

AVOID LINE-UPS AT THE DOOR!!

Pre-Register and receive your show badge in the mail prior to the show so you can save time at Registration and simply walk straight on to the show floor.

Register online,
www.fishcanadawest.com
for FREE by entering this
vip code 110306.

Compliments of

SHOW DATES & HOURS

Friday, November 3 • 10am - 6pm
Saturday, November 4 • 10am - 5pm



APRIL 1, 2005 — MARCH 31, 2006

FISHING CLAIMS AND ASSESSMENTS

2005 WorkSafeBC Statistics as analyzed by Fish Safe

Average Age 42 years Age Range 15-79 years

This year a substantial amount of effort was put forth by all involved in the claims process to improve accuracy and efficiency in processing claims. All fishing claims are reviewed monthly by the fishing claims unit in Terrace and Courtenay, the Fish Safe Safety Coordinator and WCB Safety Officers to identify issues and trends immediately and provide assistance where necessary. This initiative was spearheaded by Account Manager Paul Krismer of the WCB Courtenay office.



HAVE WE GOT YOU COVERED?

The development of a brochure to explain WCB coverage and assessments in the fishing industry has been completed and is now in the final stages of review prior to printing. This brochure provides clarification to the industry and WCB staff dealing with fishing claims and assessments. Distribution will be to all fish buyers, fishermen and WCB.

Watch for it!

Gear Type Classification	Species	# of Injuries Reported	% of Claims	Cost of Claims	Cost % of Claims	Fatalities
Fish Packing		7	6%	\$25,825	3%	
Trawl		27	22%	\$200,862	20%	2
Longline/Trap				\$408,926	41%	
	Halibut	16	13%			1
	Crab	8	6%			
	Sablefish	5	4%			
	Prawn	2	1.5%			
	Off Season	3	2%			
Seine				\$190,143	19%	
	Herring	11	9%			
	Salmon	17	14%			
	Off Season	1	.5%			
Gillnet/Troll				\$135,394	13%	
	Herring Gill-net	3	2%			
	Salmon Gill-net	5	4%			
	Troll	7	6%			
	Tuna	4	3%			
Dive				\$43,614	4%	
	Urchin	7	5%			
	Geoduck	2	2%			
Sub totals		125	100%	\$1,004,763	100%	3
Estimated Future Costs				\$2,091,855		
Claims Cost for 2005				\$3,096,618		

FISH SAFE STABILITY EDUCATION PROGRAM – Hits The Mark

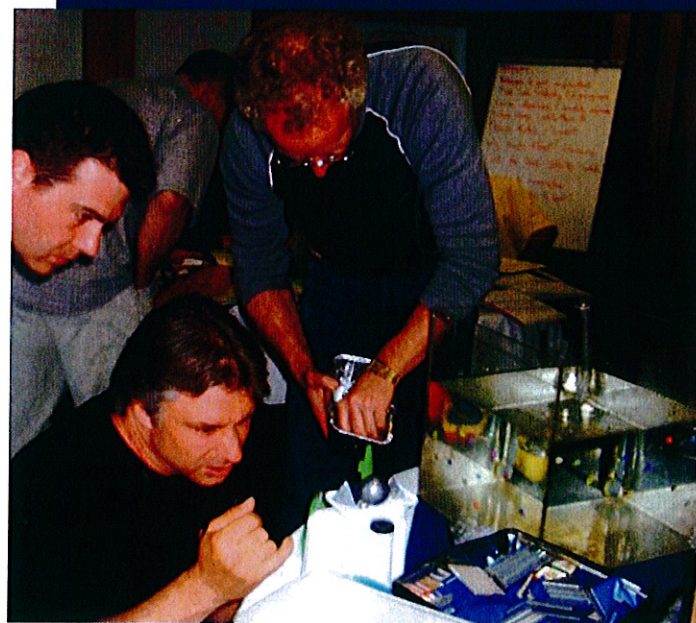
INTRODUCTION:

After the launch of the pilot program in February the FISH SAFE PROGRAM was delivered in North Vancouver, Vancouver, Steveston, Nanaimo, Campbell River and Prince Rupert to 91 fishermen from every gear type. Vessel owners, skippers and crew men have made up the diverse group that have participated in this interactive learning program. Four days are provided to cover stability concepts using models, video, role play, case studies and personal experience. Fishermen participating in the program range in experience from 50 years + to newbies of only 20-25 years experience. Some of the participants have Fishing Vessel Masters Certification or higher and all are looking to improve their knowledge of stability. We look forward to a busy fall course load with 2 courses planned for each month. *The following photos and quotes capture the uniqueness and success of the course so far.*



Pilot Course Grads

“How many different factors one must consider in determining a vessel’s stability and how much most people don’t consider.”



COURSE PARTICIPANTS EYE OPENERS ABOUT STABILITY:

- “How fast things can happen in a bad situation.”*
- “Closing cross over valves for fuel tanks could make such a difference on stability.”*
- “Free surface effect and how much it really effects stability.”*
- “Importance of freeboard.”*
- “How vessel modifications affect stability.”*
- “Learning how things are always a chain of events. Sometimes the first one can be something small.”*
- “I can now read my stability book.”*
- “That the use of stabilizers reduces stability of your vessel.”*



WHAT THEY LIKED ABOUT THE COURSE DELIVERY:

- “I learned a lot about stability that I thought I already knew.”*
- “Great learning experience.”*
- “Being a part of a course with other fishermen ..”*
- “Interesting and relevant to normal operations on this coast for our fisheries.”*
- “Thank God this course has finally been made available – someone is taking our jobs as commercial fishermen seriously and showing respect for fishing families lives..”*
- “Stories about real life experiences.”*
- “Informal and good atmosphere for learning.”*
- “The models worked well for me and the discussion was good.”*
- “Everyone on the water should take this course.”*

FISH SAFE ADVISORY COMMITTEE

The FISH SAFE Advisory Committee is open to anyone who has an interest in staying safe at sea and/or reducing the cost of claims. The committee generally meets four times per year to deal with claims and safety issues.

If you would like to be a part of this committee please contact the Fishing Industry Safety Coordinator. We need full and inclusive representation from all gear types.

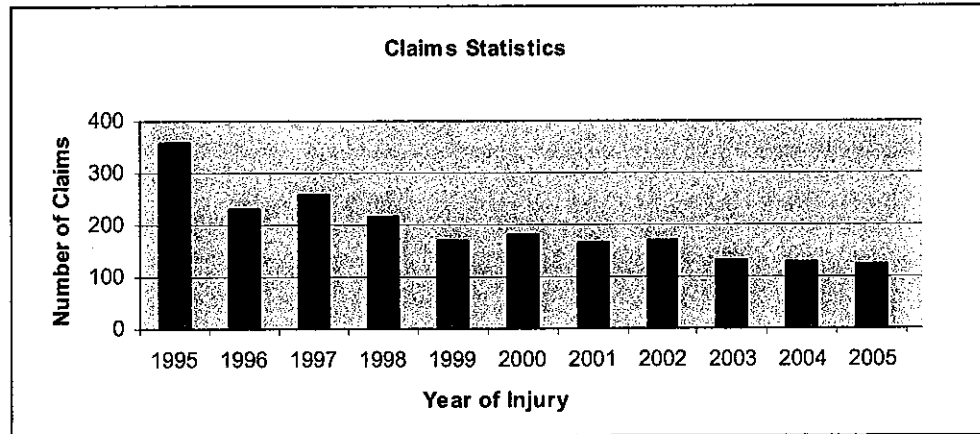
2005/2006 HIGHLIGHTS

Advisory committee meetings were held 5 times this year. An industry only session was the highlight of the year as it focused on an overall strategy for improving safety in the fishing industry. A workshop session featured identifying the necessary components of a safety culture. The committee members in attendance brought their fishing experience and passion for improving safety on board to the table in this meeting and as a result it was determined that the required components for improving safety in the fishing industry would include:

- In depth research of existing statistics and improvements to the collection of statistics on fishing incidents and injuries to determine where the problem areas are.
- Education as the number one priority in creating a safety culture,
- inspections by experienced fishermen and penalties for non-compliance.

The focus of this plan would be on safety procedures on board. A project to develop a reference CD for the development of procedures on board with video clips of real vessels demonstrating their process was initiated and is expected to get underway this year.

Fishing Claim Statistics 1995-2005



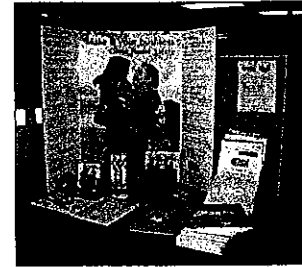
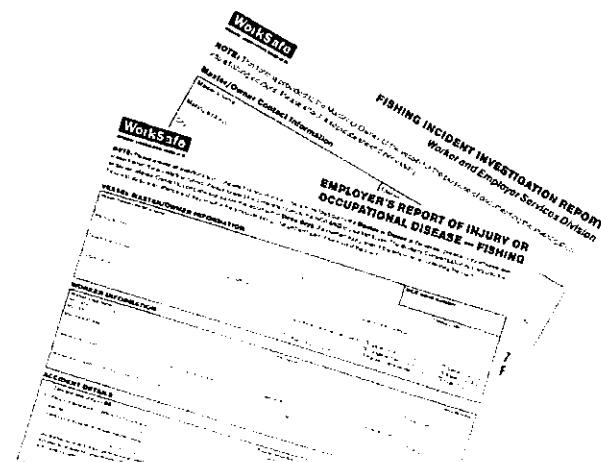
FISHING CLAIMS FORMS

Form 7F Fishing and Fishing Incident Investigation Report Form

For those of you out there that don't think the fishing industry is special, think again. We have a special official WCB form just for fishing claims. No other industry has this unique privilege.

This form was designed and distributed in late 2004 to provide a better template for collecting accurate and timely information. With this new form also comes the responsibility for vessel owners and skippers to ensure that they are documenting injuries and completing the claim form as well as the incident investigation form as is required by WCB regulation. Most have relied on their fish buyer to assist them in this process in the past and it is recommended that as the vessel master you work with your fish buyer to complete the form **but you are responsible for its submission**. Timely completion of the form and providing information to the claims managers ensures that claims are handled in an efficient manner which reduces the overall cost to the industry. If you are the master of a fishing vessel, documenting injuries and incidents are part of taking ownership of safety on board. Through this process you may be able to develop operational practices to reduce injuries.

In 2005 the use of the Form 7F Fishing form was closely monitored in the monthly fishing claims review. If claims were received without the appropriate form it was flagged by the Case Manager for the Safety Coordinator to deal with. The Safety Coordinator would contact the fish buyer or vessel owner and provide the forms and direction. The **forms are posted on both fishsafebc.com and worksafebc.com for easy access but are not yet available for online reporting**. Over 300 hard copies of the forms have been distributed and are included in all Safe at Sea resource packages that are distributed to fishermen.



HARBOUR'S ASSOCIATION OF BC

Fish Safe presented an overview of the goals of the program and promoting a safety culture in the fishing industry to a crowd of 110 harbour association representatives at a 3 day conference. We featured the Safe at Sea Series video. This venue provides a great opportunity to link with harbours all over the coast, distribute safety information and promote safety through the use of Safe at Sea displays.

MEDIA COVERAGE AND SAFETY COLUMN

The Fish Safe program garnered coverage from National Newspapers to local trade magazines. The Fish Safe Stability Education Program and the need for education for fishermen was the general focus. CBC radio also provided an opportunity to interview a fisherman that had just dealt with a man overboard situation and to discuss the use of PFD's on board. The fishing Safety Coordinator was also featured on CBC National radio discussing changes in safety over the years in a segment developed for the National Day of Mourning for workplace fatalities.

LOOKING AT THE NUMBERS

The following table provides an overview of our balance sheet. Our 2005 balance indicates that we should be in line for a lower assessment rate.

COMPARATIVE FISHING RATE GROUP BALANCE (\$000's)

	2000	2001	2002	2003	2004	2005
Opening Balance	0	1,783	2,507	(8,859)	(7,365)	(174)
Prior Period Adjustment						68
Premium Income	6,000	6,535	5,941	7,468	8,831	8,314
Current Year Claim costs	(5,813)	(6,187)	(5,611)	(3,410)	(5,648)	(3,770)
Current Year operating costs	(2,340)	(1,052)	(891)	(804)	(1,123)	(1,095)
Current year surplus	(2,153)	(703)	(561)	(3,254)	2,059	3,449
Prior years claim costs	(6,705)	(4,299)	(11,863)	(7,144)	(492)	(3,613)
Investment income	9,939	7,054	3,865	5,584	5,746	6,404
RG restructuring Costs	(1,499)	(1,329)	(1,797)	(200)	(123)	(107)
Legislative & Mortality			5372			
Provisions for Market Balance			6525			
Legislative Change			263			
Transfer to/from Research Reserve	2,202		407			(307)
Transfer to Investment Reserve						(1,537)
Ending Balance	1,783	2,507	(8,859)	(7,365)	(174)	4,182
Funded Ratio At Dec. 31 of calendar year		103%	91%	92.2%	99.8%	1.05%
ASSESSMENT RATE	6.50	5.26	4.68	5.17	6.08	5.81



INDUSTRY MEETINGS

The Fishing Industry Safety Coordinator regularly attends industry association meetings to provide safety and regulatory updates or safety presentations.

With the busy meeting schedules now required from Fishing Associations to manage fisheries, they are to be commended for including safety on their busy agenda.



FISH SAFE

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Fishing Industry
Safety Coordinator
GINA JOHANSEN



REGULATORY UPDATES

CANADIAN MARINE ADVISORY COUNCIL TRANSPORT CANADA

Through the Canadian Marine Advisory Council process Fish Safe was able to profile the west coast fishery and in particular the development of a Stability Education Program for fishermen. A 30 minute presentation was given at the opening plenary at the Spring session of National CMAC and to the standing committee on fishing vessel safety. Regional and National meetings provide opportunities to meet with senior staff and have input into regulatory reform.

Fishing Vessel Regulatory Reform is well underway with a new draft expected to be presented at the Fall National Meeting. In the interim a Ship Safety Bulletin was issued in March to set up a process for determining whether a fishing vessel is required to have a stability book. A questionnaire was provided with a list of 6 risk factors that would determine whether you were required to incline your vessel or not. If you have one factor, it is stated that you will require a stability book. It appears that the enforcement of this interim measure will be done during the existing quadrennial inspection process.

IT TAKES A COMMUNITY

OUTREACH PRESENTATION

The communities of Metlakatla and Kitkatla invited WorkSafeBC Safety Officer Shane Neifer and I to provide a presentation on coldwater survival and personal floatation devices (pfd's).

This was in the aftermath of a close call with a man overboard incident on the spawn on kelp fishery. These two communities took what could have been a tragic event and turned it into a learning moment where working safely on the water was emphasized.

Over 200 attended from the communities of Kitkatla and Metlakatla. We were extremely grateful to have the opportunity to provide safety information people who live, work and commute every day on the water. Their local knowledge played a large part in the safe recovery of the man overboard. In a celebration feast for the safe recovery of his nephew and crew man, Skipper Cecil Hill presented the rescuers with an appropriate gift of Mustang inflatable PFD's. It was inspiring to see rescuer and local fisheries guardian Robbie Neslon wearing his next day while at work in his skiff.

The community also spoke to the fact that they very much appreciated the outreach and presentation of what safety resources were available to them through Fish Safe and WorkSafeBC.

MARINE ACTION GROUP

A collaborative group consisting of all Regulatory agencies including; DFO, TC, WCB, TSB and industry representation from UFAWU, Fish Safe, Canadian Council of Professional Fish Harvesters and Naval Architects and Marine Educators meet a couple of times a year to focus on how to communicate safety to the marine industry. The focus has been on the fishing community and stability but it includes all mariners and it is expected that with the development of Fish Safe there may be less focus on the fishing industry in the future.

WORKSAFEBC

Safety Officers Shane Neifer and Mike Ross have begun vessel inspections with a focus on stability, safety drills and coldwater immersion.

Vessels considered to be of high risk will be inspected first. The process is outlined as a consultative process that requires vessel owners to develop a compliance plan that at most times will include stability documentation as well as written instructions that include 5 main areas that are essential to maintaining vessel stability:

Positioning loads, maintaining freeboard, maintaining trim, minimizing free surface effect and downflooding prevention.

It has been noted that although inspections have begun there is still work underway between WCB and the naval architect community to determine what appropriate stability documentation would meet the WCB requirements.

