

Commission d'enquête sur le déclin des populations de saumon rouge du fleuve Fraser

Public Hearings

Audience publique

Commissioner

L'Honorable juge /
The Honourable Justice
Bruce Cohen

Commissaire

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Commission d'enquête sur le déclin des populations de saumon rouge du fleuve Fraser

Errata for the Transcript of Hearings on November 1, 2010

Page	Line	Error	Correction
ii		Brian J. Wallace	Brian J. Wallace, Q.C.
ii		Jon Major's title is incorrect	Document Reviewer
ii		did not attend	remove D. Clifton Prowse, Q.C.
iv		James Walkus is not a participant	remove
iv		Krista Robertson	remove
iv		Musgagmagw Tsawataineuk Tribal Counsel	Musgamagw Tsawataineuk Tribal Council

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Charlene Hiller Rio Tinto Alcan Inc ("RTAI").

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Seafood Producers Association of B.C.

("SPAB.C.")

Gregory McDade, Q.C. Aquaculture Coalition: Alexandra

Morton; Raincoast Research Society; Pacific Coast Wild Salmon Society

("AQUA")

Tim Leadem, Q.C. Conservation Coalition: Coastal Alliance

for Aquaculture Reform Fraser Riverkeeper Society; Georgia Strait Alliance; Raincoast Conservation Foundation; Watershed Watch Salmon Society; Mr. Otto Langer; David Suzuki

Foundation ("CONSERV")

Don Rosenbloom Area D Salmon Gillnet Association: Area

B Harvest Committee (Seine) ("GILLFSC")

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B.C. Fisheries Survival Coalition ("SGAHC")

Christopher Harvey West Coast Trollers Area G Association;

United Fishermen and Allied Workers'

Union ("TWCTUFA")

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Tina Dion Maa-nulth Treaty Society; Tsawwassen

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("MTM")

Western Central Coast Salish First

Nations:

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Nation

Hwlitsum First Nation and Penelakut Tribe Te'mexw Treaty Association ("WCCSFN")

Brenda Gaertner Leah Pence First Nations Coalition: First Nations
Fisheries Council; Aboriginal Caucus of
the Fraser River; Aboriginal Fisheries
Secretariat; Fraser Valley Aboriginal
Fisheries Society; Northern Shuswap Tribal

Council; Chehalis Indian Band;

Secwepemc Fisheries Commission of the Shuswap Nation Tribal Council; Upper Fraser Fisheries Conservation Alliance; Other Douglas Treaty First Nations who applied together (the Snuneymuxw,

Tsartlip and Tsawout)

Adams Lake Indian Band

Carrier Sekani Tribal Council ("FNC")

Council of Haida Nation

APPEARANCES / COMPARUTIONS, cont'd.

Métis Nation British Columbia ("MNB.C.")

Tim Dickson Sto:lo Tribal Council

Cheam Indian Band ("STCCIB")

Laich-kwil-tach Treaty Society

James Walkus and Chief Harold Sewid Aboriginal Aquaculture Association

("LJHAH")

Lisa Fong

Benjamin Ralson

Heiltsuk Tribal Council ("HTC")

Krista Robertson Musgagmagw Tsawataineuk Tribal

Counsel ("MTTC")

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                           Vancouver, B.C. /Vancouver (C.-B.)
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       THE REGISTRAR: Order. The hearing is now resumed.
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       MR. WALLACE: Mr. Commissioner, the first panel this
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            week will be a panel of senior Department of
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            Fisheries and Oceans officials, and I would ask,
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            then, if you could please affirm the panel.
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       THE REGISTRAR: Do you solemnly affirm that the
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            evidence to be given by you to this hearing shall
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            be the truth, the whole truth and nothing but the
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            truth?
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                 How do you respond?
      MR. SPROUT: Yes, I do.
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      MR. BEVAN: I do.
      MS. DANSEREAU: I do.
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      MS. FARLINGER:
                       I do.
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      MR. MacGILLIVRAY:
                         I do.
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       THE REGISTRAR: Thank you. Counsel?
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      MR. WALLACE: Thank you, Mr. Giles. If I may introduce
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            the panel, with us this morning we have Deputy
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            Minister, Claire Dansereau. Ms. Dansereau, could
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            you please state your full name for the Commission
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            record?
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      MS. DANSEREAU: My name is Claire Alma Dansereau.
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       MR. WALLACE: Thank you. And Associate Deputy
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           Minister, David Bevan. Can you state your full
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           name, please, sir?
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      MR. BEVAN:
                  David Carlyle Bevan.
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      MR. WALLACE: Thank you. We have the Regional Director
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            for the Pacific Region, Susan Farlinger.
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            full name, please?
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      MS. FARLINGER: Susan Patricia Farlinger.
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      MR. WALLACE: And the Associate Regional Director for
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            the Pacific Region, Paul Macgillivray.
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      MR. MacGILLIVRAY: Paul Benedict Macgillivray.
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      MR. WALLACE:
                     Thank you. And the former Regional
            Director for the Pacific Region, Paul Sprout.
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      MR. SPROUT: Paul Evan Sprout.
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      MR. WALLACE: Thank you. The format this morning will
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            be that we're going to have a bit of presentation
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            which will take us through without many questions,
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            I think.
                     Both the national and regional
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            organization structure, and there's an exhibit
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            which relates to that. Before we begin that, Mr.
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            Commissioner, I have two documents I'd like to
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            tender. First, a policy and practice report,
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being the Legal Framework Policy and Practice 1 Report, and I would ask that that could be marked 3 as the next policy and practice report. THE COMMISSIONER: That will be marked PPR-3. 5 6 EXHIBIT PPR-3: Policy and Practice Report, 7 Legislative Framework Overview 8 9 MR. WALLACE: And with that, Mr. Commissioner, there 10 have been four responses. I might note with 11 respect to PPR-3 that what is being tendered as 12 slightly different from the report that was provided to counsel a couple of weeks ago, this 13 14 one has been edited to correct a couple of factual 15 changes. There have been four responses to the report and I'd ask that they be marked, as well. 16 17 The response from Canada --18 THE COMMISSIONER: Will be marked as A. 19 20 EXHIBIT PPR-3A: Response from Canada to 21 Policy and Practice Report, Legislative 22 Framework Overview 2.3 24 MR. WALLACE: The response from the Province of British 25 Columbia. 26 THE COMMISSIONER: B. 27 2.8 EXHIBIT PPR-3B: Response from British 29 Columbia to Policy and Practice Report, 30 Legislative Framework Overview 31 32 MR. WALLACE: The response from the Conservation 33 Coalition. 34 THE COMMISSIONER: That will be D. 35 MR. WALLACE: That will be D? 36 THE COMMISSIONER: Yes. 37 38 EXHIBIT PPR-3D: Response from Conservation 39 Coalition to Policy and Practice Report, 40 Legislative Framework Overview 41 42 MR. WALLACE: Oh. 43 THE COMMISSIONER: According to the list I have here. 44 MR. WALLACE: Okay. What happened to C? The West 45 Coast --THE COMMISSIONER: The West Coast Trawlers' --46 MR. WALLACE: -- West Coast Trawlers' Association --47

THE COMMISSIONER: Will be C.

 EXHIBIT PPR-3C: Response from West Coast Trawlers' Association to Policy and Practice Report, Legislative Framework Overview

MR. WALLACE: And the UFAW. Thank you.

THE COMMISSIONER: Thank you.

MR. WALLACE: And I would like to also tender as the next exhibit a document dated May 17th, 2010, prepared by the Department of Fisheries and Oceans, setting out the recommendations from previous Commission Reports, and the responses of the Department.

THE COMMISSIONER: It will be marked as Exhibit number 14.

EXHIBIT 14: Document dated May 17, 2010, prepared by Department of Fisheries and Oceans, setting out recommendations and responses to previous Commission reports

MR. WALLACE: Thank you.

MR. TAYLOR: Mitchell Taylor, Mr. Commissioner. May I say a word on the last document which has just been marked? There is also -- firstly, I should say, and I've been remiss, with me is Jonah Spiegelman, and we'll be here all week, as well. There is an executive summary to the document that was just entered as an exhibit. I'm not sure what happened, but it's not here right yet, but I am going to be providing it to Mr. Wallace, and then he can deal with it further from there. It's been around for some time, but just hasn't got here right at this moment. Thank you.

THE COMMISSIONER: Thank you.

MR. WALLACE: Thank you, Mr. Commissioner. So the first order of business this morning is to ask Mr. Bevan and Mr. Macgillivray if they could help us understand the organizational structure of Fisheries and Oceans Canada. And I see on the screen they -- we now have the PowerPoint presentation on that organization structure prepared for this inquiry, and I would ask that that be marked as the next exhibit.

THE COMMISSIONER: Exhibit number 15.

EXHIBIT 15: PowerPoint presentation on organization structure

MR. WALLACE: Mr. Bevan, can I ask you just to begin?
MR. BEVAN: Yes. Yes. I'll be commencing, Mr.
Commissioner, with the national overview, and then turning it over to Paul Macgillivray for the Pacific regional overview.

Before I begin, though, I would point out that the DM, the Deputy Minister manages the Department and has reorganized the Department and can respond to questions regarding the reorganization and also about the relationship between the Department and the Minister.

The Department of Fisheries and Oceans' mandate is responsible for the developing and implementing policies and programs in support of Canada's ecological, social and economic interests in oceans and fresh waters. We also have scientific interests, and science, in fact, is the basis for our department's activities, as the Department is science based.

To deliver on its mandate to Canadians, the Department has the following interlinked and interdependent three strategic outcomes, and these were established in 2005, '06, and are still current in 2010/11.

We have the responsibility to maintain sustainable fisheries and agriculture by delivering integrated fisheries and agriculture programs that are credible, science-based, affordable, effective and contribute to sustainable wealth for Canadians while respecting aboriginal and treaty rights. And that's all based on conservation. And I know that some are looking at sustainable fisheries and agriculture and wondering what the relationship is between the two.

From our perspective, we have the responsibility to ensure that both activities, and they both result in fish being removed from the marine ecosystem, that both -- and freshwater ecosystems, that both those activities are conducted in a way that ensures the impact of those activities on the ecosystem is sustainable, that we aren't doing irreversible harm to the ecosystem, and that we understand as best we can

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the impacts of the ecosystem on those activities. And aquaculture is, from time to time, subject to things like algal blooms, et cetera, so we need to take all of those things into consideration, and I know you've heard a lot about ecosystem impacts on fisheries.

The second interrelated strategic outcome is healthy and productive aquatic ecosystems, ensuring sustainable development and integrated management of the resource in and around Canada's aquatic environment and carrying out critical science and fisheries management activities in support of that.

Again, conservation is key and as development takes place, we must ensure that the development is sustainable relevant to its impact on the ecosystem and that we aren't altering the ecosystem in an irreversible way, or damaging it too greatly.

The last is safe and accessible waterways providing access to Canadian waterways and ensuring overall safety and integrity of Canada's marine infrastructure to benefit Canadians.

This is the strategic outcome that's supported by the Canadian Coastguard and small craft harbours and other activities, but as I said, they're all interrelated in that the Canadian Coastguard also provides services essential to the first strategic outcome because they provide services to science and to fisheries management.

Underneath all of this is what's called the program activity architecture so it's the activities that are conducted by the Department to achieve these strategic outcomes. And as I noted, small craft harbours and Coastguard, for example, are the primary activity supporting safe and accessible waterways.

On this slide, in supporting the government's responsibility for sea coast and inland fisheries, the Minister has the responsibility for establishing the policies relevant to fisheries management, aquaculture management and habitat management. She is also responsible for explaining those policies to Canadians.

Under the **Department of Fisheries and Oceans** Act, the Minister also has responsibilities for

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the management and direction of the Department subject to specific responsibilities that the Deputy Minister has.

The Deputy Minister is the most senior public servant in the Department and is appointed by the Prime Minister and, therefore, has a relationship, a responsibility to report to the clerk of the privy council.

The DM is also responsible for providing the broad, expert advice and support needed for the Minister to fulfil her obligations, but the Deputy is the individual responsible for the day-to-day management of the Department on behalf of the Minister and has direct accountability to Parliament for a number of -- under a number of acts.

Under the Accountability and Financial Administration Act, the DM is the accounting officer and reports to Parliament in that regard. The Deputy Minister is also accountable under the Public Service Modernization Act and, again, that is not a responsibility that is reported to Parliament through the Minister, but rather it is more direct from the Deputy to Parliament.

The Department's national headquarters are located in Ottawa, and it has six regional centres of operations, in the Pacific Region, Central and Artic Region, Quebec, Gulf, Maritimes, and Newfoundland and Labrador, and it is in the regions where we have the bulk of the resources. About 85 percent plus of the resources are located there and are the resources used for the operational aspects of the Department.

There are some small operations out of Ottawa relevant to hydrography and management of several pan-Atlantic fisheries, but the bulk of them are in the regions.

The Deputy Minister has made some changes to the complement of the senior cadre in 2009 and '10. There was the creation of a Consolidated International Affairs Directorate. We used to have two, one in policy, one in fisheries and aquaculture management. Those have been combined to provide better international coordination and to have a more cohesive approach with our international partners.

There was implementation of the chief

 financial officer model which increased the focus on financial management. And as the Deputy is the accounting officer to Parliament, you can understand the focus on that particular function.

There was a consolidation of human resources and corporate services into one sector, and the combination of oceans and science into one sector. And that latter move was made to reflect our migration away from single species, single issuemanagement to ecosystems-based management. We're recognizing that if we do what we did in the past, which is count the number of fish available for harvest and forget about things such as the oceanographic conditions, et cetera, we could be taking too great a risk in those decisions and, therefore, have pulled ourselves up a bit and looked at issues with a broader view instead of almost looking through a microscope to get the count and then not seeing other risks coming at us more broadly.

We've developed a new Ecosystems and Fisheries Management Sector that consolidates operations, and that was done because it was recognized that as fish managers changed the way the fisheries are managed, it has an impact, for example, on small craft harbours, which is there to provide infrastructure for fleets that may be different in the future. It also recognizes such situations where the fisheries officers need to work closely with the habitat monitors to ensure they have good coordination. Another example would be habitat impacts by small craft harbours and how better to effectively manage those.

And finally, there was a strengthening of the policy sector to ensure that we had the critical mass necessary to deal with the centre, the finance, treasury board, in looking at other departmental initiatives, such as climate change, et cetera, and how we could play on that, and also looking at program policy, bringing them together. So the habitat, the fisheries management, et cetera, how they can all be brought together to reflect in our policies that desire to move to ecosystem-based management.

Okay. I -- well, it's here. It's just not working. Oops. Mr. Commissioner, this map demonstrates the geographical extent of the

regions, and as you can see, they vary dramatically, geographically. They also dramatically vary in terms of socio-economic circumstances that they're facing. And as a result of that, there is a matrix model where we allow operational flexibility on the one hand for regions, but on the other, we provide functional supervision so we can have policy cohesiveness.

This is the previous DM direct reports. And if you focus on the left-hand side, at the ADM level, that's where the changes that I described earlier were actually made. And there's also been changes in the personnel, as some have moved on and retired, and been replaced by others.

If I go to the next slide, this is the current chart that actually has one less, or two less people who direct reports. And it has combined the operations under the ecosystems and fisheries management, and that ADM, senior ADM is supported by an associate. And it reflects the increase in the policy through strategic policy on the one hand, but ADM Programs is actually the program policy group on how to manage fisheries, how to change, how we deal with fish habitat in terms of dealing with the referral process versus dealing with risk management process, and how to get more proactive and get better results for our habitat program within the resources that we have.

So departmental governance -- and I should just reflect that organizational chart I showed you, and I'll go back, that chart is actually what -- the individuals that comprise the Departmental Management Committee. So it includes both the ADMs, as well as key director generals and our regional director generals, are included in the Departmental Management Committee.

So the Departmental Management Committee is chaired by the Deputy, and is a department, senior management decision-making body. It establishes overall goals, policies and procedures and priorities for the Department and promotes integrated management because we are an organization that is interdependent. Not one sector, or group, or ADM, or region can deliver on the strategic outcomes without relying and being partnership with other groups. Just an example, Coastguard provides sea days to science. Science

needs those in order to provide advice to ecosystems and fisheries management, and to help form decisions for the Minister to take regarding fisheries, et cetera. And between regions and NHQ, it's also a very tight relationship, where regions participate in the development of policies and the national headquarters is responsible for those policies, and then the regions are responsible for their implementation and operations, but there's a tight relationship there between the functional ADMs and the people in the regions who deliver on those operations.

So the DMC also supports matrix management, and I will talk a little bit more on that in the next slide, or so. That provides, as I said, operational flexibility in the regions to reflect the geographic and socio-economic circumstances in the region, but at the same time, provides policy coherence by having the functional ADMs in Ottawa provide that policy oversight, and establishes and monitors budgets, and manages in your reallocations.

So the DMC is supported by subcommittees, including Human Resources Subcommittee, the Finance Subcommittee and Evaluation Subcommittee. And it's also supported and advised -- excuse me, the Department, not DMC, the Department is supported and advised by a committee of external auditors that's just the Departmental Audit Committee, and that's chaired by the Deputy Minister and co-chaired by an external advisor. And that committee is the -- the only person on that is the Deputy and as part of her role as accounting officer for the department. So all the rest of DMC would attend that only as one of their programs were subject to audit. It's only the Deputy on that one. So this overall governance, again, is there for that combination of coherence on policies and operational flexibilities.

So the governance model on this looks at the Minister in the terms of the ministerial briefing, where the Minister must participate in the decisions. For example, where she is exercising her authorities under the *Fisheries Act*. The Departmental Management Committee will take to the Minister the various policies and decisions that she has to make.

 They are supported by a group of committees underneath them. The Science Management Board looks at the broad directions for the science program, and that's been a key body as we've tried to move from very precise counting of fish, for example, or looking at projects on a one-by-one basis in habitat to a broader perspective. That's a difficult transition because you're dealing with scientists who have been playing a particular role, but it's something that the management board has been looking at that transformation.

Human Resources Subcommittee of DMC looks at

Human Resources Subcommittee of DMC looks at the challenges we face as, for example, our demographic bulge is ready to move through the department and how are we going to position ourselves to deal with that.

Legal Risk Management Committee, this originally started off as a group looking at what cases were in play and what are the impacts, and how to mitigate those impacts. Now, what it's doing is looking at how we make decisions generally and how we can incorporate thinking about legal risk in those decisions as a proactive approach to managing the risk.

The Finance Subcommittee is -- looks at the accounts and ensures that we're on target to respect the budget and the -- respect the various votes and controls that are in place on our spending of money.

Information Management Board looks at our information management and information technology. So that's the group looking at everything from emails to data systems, et cetera.

And then we have the Departmental Evaluation Committee. Now, that's separate, as you can see, from the departmental Audit Committee. The Evaluation Committee is an in-house team of individuals who conduct evaluations of the relevance of our programs, and so on.

The Audit Committee has a different role and the DM, as the chief accounting officer chairs that, and as you can see, there's no links to DMC or to the Minister because that has a different relationship and as the chief -- or as the accounting officer or the deputies accountable to Parliament for our books and our response on that committee.

There's also something here called Look
Ahead. We don't have a link there. That's just a
group meeting every Monday to -- with the
ministers and departmental staff to look at where
-- what issues we have to play on in that week and
in subsequent weeks. So it's a planning body.

The role of the Minister. The Minister of Fisheries and Oceans' power is derived from a series of statutes, including the **Department of Fisheries and Oceans Act**, the **Fisheries Act**, more on that in a second, **Oceans Act**, which provides the Minister with the responsibility of coordinating the activities of a variety of federal and provincial jurisdictions that have a role to play in the ocean space, but it also provides us with the authority to establish marine-protected areas and has been driving some of those activities over the last number of years.

The *Coastal Fisheries Protection Act* is designed to provide powers to the Minister regarding foreign fishing in Canadian waters, or to deal with foreign fishing vessels transiting Canadian waters, and in terms of the Atlantic coast, provide certain controls over fishing outside of the 200-nautical-mile limit and provides us with a power to ensure that the sedentary species are available to Canadians only.

The **Fishing and Recreational Harbours Act** is the statute that provides authority for the Small Craft Harbours Program.

The **Species At Risk Act** is the act that is designed to protect endangered, threatened species, and the Minister's role in that act is very specific. It is the Minister's role to evaluate recommendations for listing of marine species, or freshwater species, and to provide a recommendation to list or not to the Minister of the Environment. So when Cultus Lake and Sakinaw Lake came to the Department as a potential for listing, the economic analysis and the scientific analysis was done by DFO and provided the Minister with the information the Minister needed to recommend not listing to the Minister of the Environment and, rather, to use the Fisheries Act and protection of weaker stocks in the runs of strong fish that are co-migrating with these weaker stocks, use the Fisheries Act to rebuild

 those particular stocks.

The Canadian Environmental Assessment Act is also a link there, but having said that, there's been recent changes where they've taken on the --the agency has taken on more of the responsibilities there. And the Canada Shipping Act.

The key statute, though, is the **Fisheries Act** and there's two key sections there. Section 7 provides the Minister with absolute discretion in issuing fishing licences. And as you can see, "absolute discretion" is in quotation marks. It is not absolute, even though that's the way it's stated in the **Fisheries Act**. There's been a great deal of case law that has provided guidance. So it's an interesting situation for the Minister. There is no legal instruction in the Act as to how the Minister can use that discretion. Rather, it's found in a suite of other court decisions, and it's also found in the requirements of administrative law, et cetera. More on that in a second.

And the other key section is s. 43, which enables the governor-in-council to make regulations for carrying out the purposes and provisions of the *Fisheries Act* and that, for example, is the section that allows for the Fisheries' general regulations to be established and the whole body of regulations that are used in the Pacific region for control of Pacific fisheries. There's also a group of regulations for the Atlantic, and so on and so forth. But that's a very broad section with broad authorities provided to the governor-in-council.

As I noted, the Minister's decisions under s. 7 of the *Fisheries Act* are subject to the requirements of administrative law, which provides that the Minister must exercise her discretion in good faith and must base her decision on relevant considerations and avoid arbitrariness. And there's reference to a whole series of court decisions here. As well, there are many others that have spoken to the need for the Minister to restrict her decisions under that section to matters pertaining to the management of the fishery, relevant considerations from that perspective. And of course, there's been a whole

body of decisions that have reaffirmed that there is an aboriginal right to fish and that there's certain obligations on the part of the Minister and the Department to act in a way that is consistent with that, with those rights.

On the management model, as noted earlier, we have a matrix management model, policy and program directions set by the Minister based on advice provided through the Deputy Minister from the Department, and then implementation and program delivery are undertaken in the regions. And we say here, "and sectors." The sectors are headed by the ADMs so they are the ones responsible for program design in conjunction with regions, as well as the policies that guide the operations. And the intention here was, again, to provide policy cohesion and operationally -- have an operational nimbleness in the regional operations so that they are able to tailor their operational realities to their socio-economic differences and to the geographical and biological realities that they face.

The model includes both functional and line reporting relationships. Functional reporting ensures coordination and consistency that's done both at the Ottawa level, and there are some elements to that that Paul Macgillivray will describe in the regional operations. And line authority ensures direct accountability for day-to-day decision making.

The RDGs, regional director generals are responsible for delivering programs and activities in their regions in accordance with national and regional priorities, and within assigned resources and national performance parameters. So they receive resources from the -- through the DMC decision-making process from Ottawa, and Ottawa, of course, receives them from Parliament through the budget process. And they are responsible for achieving results from the use of those resources and delivering the outputs and outcomes in accordance with the program design, and demonstrating that through performance measurement.

The regional program directors have a line reporting relationship to the RDG, but I think these two bullets are best dealt with by Paul

Macgillivray.

MR. MacGILLIVRAY: David Bevan's provided an overview of the national context that we operate within in Pacific Region. My brief presentation will provide an overview of the Pacific Region organization structure. And in doing that, I'll note at the outset that although the Canadian Coastguard is a special operating agency within Fisheries and Oceans, and with a very significant presence in Pacific Region, my presentation will be confined to the non-Coastguard part of DFO in Pacific Region.

I'd also note at the outset that Sue Farlinger, on my right, the Regional Director General, has overall responsibility for Pacific Region and is best suited to answer questions about the organization and the operations in this region.

Turning to slide 14, the Pacific region, as David Bevan mentioned, is one of six DFO regions nationally. Pacific Region includes both British Columbia and part of the Yukon Territory. The main regional office is located here in Vancouver.

Pacific Region programs are delivered in five geographic areas, British Columbia Interior, Lower Fraser, South Coast, North Coast, as well as Yukon and Transboundary Rivers area.

The main offices for those areas are located in Kamloops, Annacis Island, Nanaimo, Prince Rupert, and Whitehorse.

There are more than 30 other DFO offices located throughout Pacific Region in locations such as Quesnel, Prince George, Williams Lake, Chilliwack, Steveston, Comox, Bella Bella, and so on.

In addition to the offices, there are science research facilities, including the Pacific Biological Station in Nanaimo, and the Institute for Ocean Sciences, located west of Sidney on Vancouver Island.

Finally, there are about 19 salmon hatcheries located throughout British Columbia. More than two-thirds of the Pacific Region staff work in the areas as opposed to the Vancouver office.

I'll briefly describe the organizational chart that's up on the screen now. The Regional Director General reports to the Deputy Minister.

That reporting relationship is not described on this chart, but it was captured in the chart that was presented by David Bevan. The positions that report to the Regional Director General are shown here, and I'll go through them quickly, just going from left to right.

On the left-hand column, it shows that there are five area directors. Those area directors, they correspond with the five geographic areas that I have touched on just a minute ago.

Next, there are six program directors, and I'll just go through quickly their responsibilities. First, there's a program director for fisheries and aquaculture management. Second, a director for science. Third, a director for oceans, habitat and enhancement. Fourth, a director for conservation and protection. Fifth, a director for policy and economic analysis. And sixth, a director for communications.

Also shown on the chart is a Director of Special Projects, and on the far right-hand side, the position, Associate Regional Director General, and that position is responsible for functions such as finance, human resources and maintenance of the buildings in Pacific Region.

The regional program directors, distinct from the Regional Director General, are responsible for the overall delivery of specific programs within the region. This includes providing direction on the delivery of the program throughout the region, coordinating program delivery across the five geographic areas, and managing the program budget for that program throughout the Pacific region.

David Bevan spoke about the functional reporting relationships in his presentation and I will elaborate briefly. While the regional program directors, the six in particular that I highlighted, have a line reporting relationship with the Regional Director General, they also report functionally to assistant deputy ministers. So for example, the Regional Director of Science reports to the Regional Director General, also reports functionally to the Assistant Deputy Minister of Oceans and Science and is responsible for the delivery of the science program throughout Pacific Region.

Area directors are responsible for local

delivery of most of the major programs within their geographic area and managing area staff. Area directors and their staff receive program direction from the regional program directors.

This basic organizational structure that I've described for Pacific Region is similar to the other five DFO regions across the country, with some notable exceptions. First, there's a significant salmon enhancement program in Pacific Region and that relates back to the 19 hatcheries that I referred to earlier, whereas the other regions of the country do not have salmon enhancement programs.

Second is that aquaculture responsibilities will be different in Pacific Region effective December 2010, next month, compared to other regions across the country as a result of a court case which is having the impact of transferring what were provincial responsibilities to the federal government, and those will be, in part, delivered in this region, and that's different than other regions in the country.

And the third exception I would highlight is that the Director of Conservation and Protection, and this is the organizational unit where the fishery officers work, reports directly to the Regional Director General. In the other five regions, that position, the Director of Conservation and Protection, is part of the broader fisheries and aquaculture management group within the region.

And a final point on the basic organization is that this Pacific Region organizational structure has been relatively stable for the past 10 years. And again, I'll note a few changes since 2005. The reporting relationship for the Director of Conservation and Protection that I just described occurred, the change occurred in 2005. Before 2005, the Regional Director of Conservation and Protection reported to the Regional Director of Fisheries and Aquaculture Management. Since 2005, the Regional Director of Conservation and Protection reports to the Regional Director General.

Also, in 2005, two organization units in the areas Lower Fraser and British Columbia Interior that deal with salmon stock assessment were

 amalgamated. So there were separate units, one in British Columbia Interior, one in Lower Fraser River before 2005, now those two have been combined. And the third change is the one I referred to that will occur in December of this year related to aquaculture.

Okay. I'll provide a brief overview of the regional governance structure. The Regional Management Committee serves as Pacific Region's forum for review and decision making on common issues related to the management and wellbeing of the department's regional operations and the employees in this region.

The Regional Management Committee also serves as a forum to foster cooperation, coordination and communication among program directors and area directors.

Membership on the Regional Management Committee includes the Regional Director General, who chairs the Regional Management Committee, the program directors and area directors, the positions that were described on the previous chart, as well as legal counsel as required, and there is some administrative support to the Regional Management Committee, as well.

That committee, the Regional Management Committee, meets every two weeks. Regional Management Committee is also supported by several subcommittees that play an advisory role, and I'll highlight three of them. There's an Operations Committee that serves as the region's principal forum for monitoring progress and providing direction on the implementation of key crosssectoral initiatives.

There's a Strategic Directions Committee that serves as the region's principal forum for discussing problems and issues that require long-term solutions, and this committee assists in providing long-term direction on Pacific Region issues.

And third, there's a Human Resources Committee that provides strategic advice and provides a place for developing an integrated approach to the management of human resources in Pacific Region.

A final note on governance, following the organizational changes in headquarters that David

Bevan spoke about, Pacific Region governance structures are currently being reviewed and changes will likely be made to ensure effective integration and collaboration across programs.

This is the final slide that I'll speak to. The point of this slide is to show that DFO does not operate in isolation. In delivering programs, there's a high degree of interaction between DFO staff and the Province of British Columbia, First Nations, commercial and recreational groups, and environmental interests.

Much of this interaction involves bilateral consultation with First Nations. In addition, DFO works with others within a framework of formal agreements, such as federal/provincial agreements, and structured advisory processes both at the local and region-wide levels.

Examples of formal advisory processes include the Integrated Salmon Harvest Planning Committee, which is a group that brings together representatives or individuals from First Nations, commercial, recreational and environmental interests, and that group is the focal point for the development of salmon plans in Pacific Region.

Some of the other advisory processes listed relate to more single-interest groups with respect to, I'd say, the commercial, I'll touch on that one, the Commercial Salmon Advisory Board has a commercial salmon focus. The interests are made up in that group of various different gear and licence areas. So there's eight different gear and licence areas, seine, gillnet and troll in different geographic licence areas. So those different interests are brought together under the umbrella of the Commercial Salmon Advisory Board.

Similarly, the Sport Fishing Advisory Board pulls together both the general angler perspective and the businesses associated with the recreational fishery under the umbrella of the Sport Fishing Advisory Board. And the final example listed is the Salmon Enhancement and Habitat Advisory Board which provides advice to the hatchery program, as well as the habitat program delivery in Pacific Region.

Finally, I'd note that DFO works closely with the Pacific Salmon Commission. In particular, on Fraser River sockeye management, this occurs in 19
PANEL NO. 3
Claire Dansereau
In chief on qualifications by Mr. Wallace

the context of the Fraser River Panel that was established under the Pacific Salmon Treaty. And I'll stop there.

MR. WALLACE: Thank you. I notice there are another several slides which take is through various of the functional reporting structures. Was it your intention, Mr. Bevan, or Mr. Macgillivray, to take us through those, or are they just simply for reference?

MR. BEVAN: I think they're for reference.

MR. WALLACE: Thank you very much.

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EXAMINATION IN CHIEF ON QUALIFICATIONS OF CLAIRE DANSEREAU BY MR. WALLACE:

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- Ms. Dansereau, you have come, fairly recently, to the position of Deputy Minister, I think, and if I might just take you through a very brief résumé of your résumé. You became Deputy Minister in March of 2009, having been Associate Deputy Minister from -- for about a year prior to that; is that correct?
- A Yes. Yes, correct.
- Q And prior to joining the Department of Fisheries and Oceans, you were the Senior Assistant Deputy Minister of Socio-economic Policies and Regional Operations at Indian and Northern Affairs?
- A Correct.
- Q And prior to that, vice-president and special advisor to the president of the Canadian International Development Agency?
- A Correct.
- Q And was your first federal public service position; is that correct?
- A Yes, it was.
 - Q And then prior to that, you were, for five years, the executive director of CUSO?
- 38 A I was.
 - Q Yes. And you went to that position from being first an associate deputy and then Deputy Minister of the Ministry of Transportation and Highways in British Columbia, and --
 - A Yes.
- 44 Q -- subsequently, I think, vice-president of Forest 45 Renewal B.C., or do I have the order wrong?
- 46 A The order -- the order's wrong. Prior.
- 47 Q Thank you.

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David Bevan
In chief on qualifications by Mr. Wallace

A That's correct, yes.

EXAMINATION IN CHIEF ON QUALIFICATIONS OF DAVID BEVAN BY MR. WALLACE:

- Q Mr. Bevan, I should have started with your CV, but you've been with the DFO, on the other hand, for a very long time?
- A Yes, in another two weeks, it will be 35 years.
- Q Starting in 1975, in the Atlantic, you became Director of Fisheries and Habitat Management in 1993, in the Pacific Region?
- A I can't recall the title at the time, but it dealt with habitat and fisheries. It was -- and I was assistant director, but I can't recall the exact title, it's changed numerous times. And I was there for one season.
- Q Right. And then you went to Ottawa to become Director General of Conservation and Protection Directorates at DFO, and subsequently, until 2004, you were Director General of Resource Management at DFO, in Ottawa?
- A That's correct.
- You became Acting Assistant Deputy Minister of Fisheries Management in 2004, and shortly thereafter, became -- took that position on a permanent basis, and that title was changed, but, essentially, you had that job until this year?
- A That is correct, yeah.
- Q And this year, you've seen a couple of changes.
 Perhaps you can just --
- A Yes, the reorganization, I noted in my presentation, that the Deputy made, put me in the position of ecosystems and fisheries management in early May, the first week of May, and then subsequently, I was moved to the position of Associate Deputy Minister in -- on October 12th.
- Q Mr. Bevan, the Associate Deputy Minister's
 position is -- am I correct, is not a line
 position, you have no direct reports; is that
 correct?
- A That's correct. I look at the financial, human resource functions, IMIT real property on behalf of the Deputy, and I chair the committees that look after that. I do have bilateral meetings with a number of the ADMs, but only in regard to those functions that I'm responsible for. They

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Susan Farlinger
In chief on qualifications by Mr. Wallace

1 still report directly to the Deputy. MR. WALLACE: Thank you. 3 4 EXAMINATION IN CHIEF ON QUALIFICATIONS OF SUSAN 5 FARLINGER BY MR. WALLACE: 6 7 Ms. Farlinger, you became the deputy -- the 8 Regional Director General in June of this year; is 9 that correct? 10 That's right. Α 11 And that followed two years, or so, as Regional 12 Director of Fisheries and Aquaculture Management 13 of the Pacific Region? 14 Α Yes. 15 You've been with DFO since 1977, correct? Q With the exception of two years and a bit with 16 Α 17 Natural Resources Canada, from 2005 to 2008, I've 18 been with DFO since 1977. 19 Thank you. And you came up through the biologist 20 rank and became a management biologist in Prince 21 Rupert between 1983 and 1992? 22 23 Now, in 1994 and '5, you were a treaty negotiator 24 for DFO in Prince Rupert and Nanaimo? 25 Α Yes. 26 And in 1995, you were Acting Area Director for the 27 South Coast of the DFO Pacific Region, and from 28 '95 to '98, Director of Consultation for DFO, in 29 Vancouver? 30 That's right. Α 31 You became Regional Director for Treaty and 32 Aboriginal Policy in the Pacific Region in 1998, 33 and held that position until 2000? 34 Α Yes. 35 And then for the following year, you were a senior advisor to the Regional Director General and 36 37 became Regional Director of Policy and Communications in May of 2001. From 2002, May, 38 until May of 2005, you were the Regional Director 39 40 of Oceans, Habitat and Enhancement Pacific, and 41 from May to November 2005, Acting Director General 42 of Oceans at DFO headquarters, in Ottawa? 43 Α Yes. 44 And then you had the stint with the Pacific 45 Forestry Centre in Victoria, before returning to DFO in 2008? 46

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That's true.

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Paul Macgillivray
In chief on qualifications by Mr. Wallace

1 MR. WALLACE: Okay.

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EXAMINATION IN CHIEF ON QUALIFICATIONS OF PAUL MACGILLIVRAY BY MR. WALLACE:

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- Q Mr. Macgillivray, I don't know anything about you. Thank you. Mr. Macgillivray, you have a -- came from the Maritimes, graduated from Dalhousie in '78 in economics? Oh, you're trying to --
- A No, I think the undergrad degree was in '78 from St. Francis Xavier.
- Q Ah. Now that I have it, it's wrong. And then you have a Master's, as well, in economics?
- A That's right, from Dalhousie University, in Halifax.
- Q And you joined DFO in 1982, in the Pacific Region as a senior economic advisor?
- A Not a senior advisor, but probably a junior advisor.
- Q Okay. And from '86 to '89, you were the head of the Fishing Industry Analysis Unit, here, in Vancouver?
- A That's correct.
- Q In 1989, you moved to the Atlantic, where you were the coordinator of the Common Property Project until 1992?
- 27 A That's correct.
 - Q In 1992 and '93, you were Chief of Special Projects in DFO headquarters to help to design the Atlantic Fisheries adjustment programs?
- 31 A Yes.
 - Q You returned to the Pacific in 1994 as Chief of Economic and Commercial Analysis, a position you held until 1997, right? And in 1998, you became Regional Director of Policy for the Pacific Region?
 - A Yes.
- 38 Q From 2000 to 2003, you were Regional Director of 39 Fisheries Management, and in 2004, became Acting 40 Regional Director?
- 41 A Yes.
- 42 Q You then had a few months a visiting scientist at the U.N. and returned to DFO Pacific in 2005 as Associate Regional Director General, the position you're now holding?
- 46 A That's correct.
- 47 Q Thanks. And again, am I correct, Mr.

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Paul Macgillivray
In chief on qualifications by Mr. Wallace
Paul Sprout
In chief on qualifications by Mr. Wallace

Macgillivray, that the position of Associate Regional Director General is not a line position, you have -- your -- can you explain how you fit into the organization structure?

- A Yes. The position, Associate Regional Director General reports -- has a line reporting relationship to the Regional Director General, Sue Farlinger, but there were also line reporting functions to the associate position, and those include real property, safety and security, human resources, finance and administration, and small craft harbours. So I -- there are --
- O There are --
- A The corporate functions report directly in this case to the Associate Regional Director General.
- And what is your relationship beyond the direct reports to the Regional Director? Is there an advisory function, as well?
- A Not as -- no, not with other program directors or program staff. It's the line reporting relationship that I described.
- Q Okay.

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- A And then participation in regional committees that I went through previously --
- Q Yes?
- A -- is where information comes together, but no kind of functional reporting relationship as was described for some of the assistant deputy ministers and regional directors.
- MR. WALLACE: Okay. Thank you.

EXAMINATION IN CHIEF ON QUALIFICATIONS OF PAUL SPROUT BY MR. WALLACE:

- Q Mr. Sprout, you retired from the position of Regional Director General in Pacific Region in June of this year?
- A That's correct.
- Q And you had been with DFO since 1976, starting initially as a biologist?
- 41 A Yes.
- 42 Q And you held that job for about 10 years, when you became area director for the South and North Coast Divisions of Pacific Region; is that correct?
- 45 A Yes.
- In '94 to '97, you were the Regional Director of Fisheries Management in the Pacific?

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Paul Sprout
In chief on qualifications by Mr. Wallace
Claire Dansereau
In chief by Mr. Wallace

A Correct.

- Q And from '96 to '99, you were one of the negotiators on the Canada/U.S. Pacific Salmon Treaty?
- A Yes.
- Q In '99, you became the acting associate ADM of Fisheries in Ottawa, a position you held until 2003, correct?
- A Yes.
- Q In 2003, you returned to the Pacific Region, initially as Associate Regional Director, and became Regional Director General in 2005, a position you held until your retirement in June of this year?
- A Correct.

EXAMINATION IN CHIEF BY MR. WALLACE:

- Q Now, Ms. Dansereau, this is a rather broad question, but --
- MR. WALLACE: And perhaps we might go back, Mr. Lunn, to the organizational chart starting nationally.
- Q I wonder if you could direct us to the people -the positions and programs that are of particular relevance to the Fraser River sockeye. I think --
- MS. DANSEREAU: Certainly. Thank you. And if we could go to the next chart to talk about the current situation, rather than the previous -- oh, the current, sorry. Thank you.

The people that are the most important in managing the Pacific salmon fishery will be, obviously, the Regional Director General in British Columbia, as well as the senior ADM, Ecosystems and Fisheries Management in Ottawa, along with the Associate Assistant Deputy Minister in that same sector. But of course, the Assistant Deputy Minister of Oceans plays a very critical role because as we talked earlier about the matrix management model, the scientists across the country report in a functional relationship to the Assistant Deputy Minister of Oceans and Science and so the science program is a critical piece to the Pacific salmon management.

As well, the chief financial officer plays a key role. And others play a more ancillary role, a complementary role, such as HR management, to make sure that the systems are in place to support

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the -- both, the Regional Director General, and the programs in the region. So I would say those are the key area -- the key boxes on this chart that provide real support to the program.

MR. WALLACE: Thank you.

- Q Ms. Farlinger, looking at the Pacific Region in particular, which positions are particularly relevant with respect to Fraser River sockeye?
- MS. FARLINGER: Okay.
- Q Perhaps slide 15.
- MS. FARLINGER: Page 15? If you look on the far left, in the -- amongst the area directors, the area directors that are involved in program implementation that directly affect the management of Fraser sockeye, you have the area director for South Coast, the area director for the B.C. Interior, and the area director for the Lower Fraser River. So in terms of implementation within those geographic areas, those directors play a key role.

At the regional level, the Regional Director of Fisheries and Aquaculture Management is the key position in terms of the management of the fishery, the management of aquaculture, and the aboriginal programs associated with Fraser salmon fishery.

The Regional Director of Oceans, Habitat and Enhancement plays a key role with respect to habitat management in the -- as it pertains to Fraser sockeye and the enhancement programs.

The Regional Director of Science plays a role in terms of the contribution to the -- both the stock assessment, forecasting and the ocean science associated with Fraser sockeye.

The Director of Conservation and Protection is responsible for the activities of the fishery officers and the enforcement of the -- both fishery management and habitat elements of the programs for Fraser sockeye.

The Director of Special Projects has the responsibility for the Salmon Enhancement Program. And policy economics and communications play more supporting roles.

- MR. WALLACE: Thank you.
- Q Ms. Dansereau, yes?
- MS. DANSEREAU: May I -- yes, if I may, I should also add that the -- what's called the ADM programs on

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- this chart will, in the future, play a critical role in this program, but as a result of the change. It would not have played that role before.
 - Q Okay. Can you explain what the significance of that change is?
 - A You may know, in the -- there were some fundamental directions within the change. One was to strengthen our policy capacity, and the other was to strengthen our operational delivery. And the policy capacity, as David Bevan mentioned, is now more focussed on ecosystems management, and all of the policy, what we call program policy areas are now residing under one ADM who will be able to build a team that can address all of the issues, and that is currently called the ADM programs.
 - MR. WALLACE: Thank you, Ms. Dansereau. Mr. Commissioner, I see it's about 20 after 11:00, would this be a convenient time to break?

THE COMMISSIONER: Yes, thank you, Mr. Wallace.

MR. WALLACE: Thank you.

THE REGISTRAR: The hearing will now recess for 15 minutes.

(PROCEEDINGS ADJOURNED FOR MORNING RECESS) (PROCEEDINGS RECONVENED)

MR. WALLACE: Mr. Commissioner, thank you very much. When I introduced my associate counsel, Meg Gaily, this morning, Jon Major, who is another counsel with the Commission was not at the table. I would introduce him now.

THE COMMISSIONER: Thank you.

EXAMINATION IN CHIEF BY MR. WALLACE, continuing:

Ms. Dansereau, I have a number of documents that I want to put to you. I have a few questions on some and I would invite you or other members of the panel to answer those. Some I am simply tendering for the record and so people can use them as a resource and they become part of the record of this inquiry.

The first document I would refer you to, Ms. Dansereau is the Strategic Plan 2005 to 2010. I wonder if that could be marked as the next

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exhibit.

THE REGISTRAR: Document number 16.

EXHIBIT 16: Strategic Plan 2005-2010

MR. WALLACE: Thank you.

- Q Ms. Dansereau, this document is old now, but we're still within its purview, so I wonder if you could comment generally on the status of the Strategic Plan today.
- MS. DANSEREAU: Certainly. Thank you for the question. As you say, it is in its final year and a decision was made by the management committee two years ago that the process that would normally go into developing a new strategic plan would not be undertaken in part because the Government of Canada organizes itself, all of its planning documents, around other fundamental documents, which I think you had, the Report on Plans and Priorities, and the Departmental Performance Report, which are documents tabled in the House of Commons by Ministers, and they really are the fundamental planning documents for the Department.

So the essence of what was in the Strategic Plan and the planning work that went into "Our Waters, Our Future", still forms the base of much of our work. But the kind of planning process that would have created it is not currently within our system.

So I'm not sure what -- I can answer some specific questions about the document itself and the directions within, or I can -- I'm not sure where you would like to go with that question.

- Q Well, no, I just wanted to find out what its status was --
- MS. DANSEREAU: Okay.
- Q -- and what the benefits, what we should be looking to hold the Department answerable for in that document, whether things have changed.

But let me just move on, and it will be there, and no doubt people will want to refer back by comparison as they examine as we go along.

The second document, which is -- that I would refer you to is the - oh, sorry - is the Department of Fisheries and Oceans Report on Plans and Priorities, Estimates for 2010 - 2011. Could that be marked, please, as the next exhibit.

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THE REGISTRAR: Document 17.

EXHIBIT 17: Department of Fisheries and Oceans Report on Plans and Priorities, Estimates 2010-11

- MR. WALLACE: Thank you. That's the wrong one. It is number 4 on your list, John. Thank you.
- Q Is this one of the documents --
- MS. DANSEREAU: Yes.
 - Q -- that you referred to, Ms. Dansereau --
 - MS. DANSEREAU: Yes.
 - Q -- as being the current -- reflecting the current planning methodology of the Department.
 - MS. DANSEREAU: Yes.
 - Q Can you help us with the purpose of this document and how it fits into that?
 - MS. DANSEREAU: The federal government organizes itself around what we call program activity and architecture, program architecture and activities, and those are reflected in how we report to Parliament on our actions. I don't have the document in front of me, other than the front page here. But I can certainly this afternoon, now that this is entered into evidence, bring a copy and we can go through the document as you wish.

But we -- we organize our human resources and our financial resources around a set of strategic outcomes which would be identified in this document, and then from there flows the rest of our actions.

- Ms. Dansereau, the entire document is available to you on the screen now. We ran into logistics of how you thumb through it.
- MS. DANSEREAU: I'm not sure. Okay.
- We are trying very hard to be paperless in this hearing. I see a deficiency in that...
- MS. DANSEREAU: There we go. Well, the beginning, the opening obviously is -- I don't think we want to go through it page-by-page, but the Minister obviously in the introduction of the document will this is not working will make a statement as to her vision for the Department and what the priorities are.

The priorities for any department flow from a series of higher level statements made by the Prime Minister. So the Prime Minister will in --

 if there has been a recent speech from the throne, the departmental priorities will flow from the speech from the throne. On a yearly basis they also flow from the budget documents, and those provide direction to departments from which we then do our work around our planning and our priorities.

We take at the senior level, we will take the direction given by our superiors and work with all of the folks inside the Department to align the priorities of the Department with the priorities established by the political government, and -- and then we will report on those at the end of the year.

- Q Is there a long-term aspect to this? The Strategic Plan was explicitly five years. Is there any parallel process in the current methodology?
- MS. DANSEREAU: The -- not in the -- in the documents as they are written, but the management team, as you saw earlier in the org chart, will do some forecasting and some three-year planning. meet regularly. We had a meeting in September where we will talk through our priorities for how we will implement the current priorities of the government and what priorities we see in the future, regardless of what the political structure might be, what we will continue to have as required priorities on Pacific salmon. There will be -- on the East Coast we will have other So it's a bit of -priority management areas. it's a bit of both, trying to implement in the short term, but keeping the long term in mind.
- Q But the documentary record, the public record, I guess, is on a year-by-year basis.
- MS. DANSEREAU: Yes.
- Q I was struck by one specific that I'd just like to take you to in this document it's at page 10, Mr. Lunn under the heading "Departmental Priorities". That's it.
- MS. DANSEREAU: All right, thank you.
- Q Just looking at the narrative here, and the points, this strikes me as sort of the top level of planning priorities. And in the narrative it says:

DFO is committed to supporting

environmentally sustainable and internationally competitive marine fisheries, aquaculture sectors, healthy aquatic ecosystems and maritime safety and security.

It then enumerates a number of single points which are relatively specific. And aside from those first two words "environmentally sustainable", I don't see anything in the priorities that talk about sustainability, conservation, ecosystems, management of, commitment to biodiversity, the sorts of things that we expect to hear a lot about here.

Could you comment on the omission, if you like, in those points?

MS. DANSEREAU: Well, I wouldn't -- personally I would not characterize it as an omission because I can see it throughout the whole document, and I can see it in the culture of the Department. But I -- certainly when the first statement is that we're "supporting environmentally sustainable", all of our actions would flow from that. As well, the health of the oceans, it's very clear that there's a strong sustainability requirement in order to have healthy oceans.

So for us, the notion of conservation, the notion of protection, the notion of sustainability permeates everything that we do. So it is a subset component to all of our decisions, and it is in fact a requirement of the Government of Canada, whether we're putting forward a memorandum to Cabinet, or any other document, we need to make sure that there has been an analysis of the environmental implications, the sustainability implications. So it is in fact part of our -- if I can use the short term, part of our DNA.

- Q If I may take you to page 20 of this document, in the bottom, in the "Planning Summary by Strategic Outcome".
- MS. DANSEREAU: Mm-hmm.
- Q The second one is "Sustainable fisheries and aquaculture" and there are performance indicators, targets, and a planned spending, all associated with those two things. I'm interested that these two subject matters are lumped together. Can you comment on that for me, please.
- MS. DANSEREAU: I'm sorry, which two are lumped

together?

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- Q Oh, the sustainable fisheries and -- sustainable fisheries and aquaculture.
- MS. DANSEREAU: Well, the area in the Department that was responsible for wild fisheries, is also the same place in the Department where aquaculture is being managed, and both need to be done on a sustainable -- in a sustainable manner. So this -- these strategic outcomes in the planning systems of the government are the highest order of outcomes. And within each of those strategic outcomes there will be some what we call activity areas, and then below that sub-activity areas, and where further and further integration of the pieces of occur. So it's simply a matter of how we divide up the resources and the assets and the people to allow us to achieve those outcomes. But the outcomes are the same. We need sustainability both in aquaculture and inn our fisheries,
- Q The next -- now if you go to the next page of this document, page 21, there's a reference to "Healthy and Productive Aquatic Ecosystems" and there's a performance indicator for that, being the:

Percentage of Canadian aquatic ecosystems where the risk to ecosystem health and productivity has been assessed as medium or low.

And the target to the right of that for that performance indicator says, as I read it:

TBO [To be determined] - baseline value to be measured in 2010.

Has that occurred?

- MS. DANSEREAU: I'm sorry, I don't see that on here.
- Q Oh, these --
- MS. DANSEREAU: Okay, thank you.
- Q -- at the very top of the page.
- MS. DANSEREAU: Thanks. This is an ongoing strategic outcome. so the -- as the number of ecosystems that we work in grows and the number of risks to those ecosystems grow, we will -- we won't, I don't think, be able to necessarily achieve an all-out medium or low for all of them. I think it's an ongoing kind of an outcome or indicator.

- 2 So, the base, it seems rather a specific target there that "baseline value to be measured in 2010". I don't -- I'm not sure I understood the answer. Has that occurred? Has the --
 - MS. DANSEREAU: I couldn't -- I will not say that this has occurred, no.
 - Q Yes. Okay. Is there anyone who knows the answer to this question?
 - MS. DANSEREAU: No one could say that this has occurred is what I'm saying.
 - Q Okay. Oh, I understand, thank you.
 - MS. DANSEREAU: Yes.

- Q The next document, Ms. Dansereau, I would like to direct you to is the Fisheries and Oceans Canada Departmental Performance Report, and that's number 5, I think, in the list we provided you.
- MR. LUNN: Sorry, I have a technical issue we just have to resolve before we can continue. One moment, please.
- MR. WALLACE: Should we recess?
- MR. LUNN: I can tell you in just a few moments if we need to do that.
- THE COMMISSIONER: Mr. Wallace, do you have a hardcopy that the witness could look at while we're waiting?
- MR. WALLACE: I do, Mr. Commissioner. It's marked, which...
- MR. TAYLOR: I have a hardcopy I could pass over. It's going to make it hard for me to read it, that's the only problem. But in the interests of time I can do that for now and see how it goes.
- THE COMMISSIONER: Thank you, Mr. Taylor.
- MR. TAYLOR: I should say that the only markings on my copy, if it's agreeable is I have written "EXH 16" and "EXH 17" beside "1" and "4" respectively.
- MR. WALLACE: Do you have any idea what that means?
- 37 MR. TAYLOR: Yes.
 - MR. WALLACE: Thank you, Mr. Taylor. It will be Tab 5 of that book, I think, Departmental Performance Report.
 - THE COMMISSIONER: What is the document you're referring to, Mr. Wallace?
- MR. WALLACE: This is the Fisheries and Oceans Canada
 Departmental Performance Report for the period
 ended March 31, 2009. If that could be marked as
 the next exhibit.
 - THE REGISTRAR: Exhibit number 18.

EXHIBIT 18: Fisheries and Oceans Canada Departmental Performance Report For the period ending March 31, 2009

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MR. WALLACE: Thank you.

- Q Ms. Dansereau, I take it this is another piece of the priorities and planning exercise in the Department. Can you explain how this fits in.
- MS. DANSEREAU: Yes, it is. Each government department at the start of the year prepares a report on planning and priorities and at the end of the year reports on their self-assessment of their performance. And so this would be for a different period of time.

15 Q Yes.

- MS. DANSEREAU: Yes.
- Q Yes. Am I correct this is -- is there a -- do we have one for March 31, 2010?
- MS. DANSEREAU: No, that would be in production now.
- Q Thank you. So this is the most recent one out.
- MS. DANSEREAU: Yes.
- Q In looking at the page 11 of that document, which has "DFO Priorities":

The tables below summarize the Department's progress toward the 2008-09 operational and management priorities.

And as I look down those priorities and the reporting on the -- and they're done under various strategies, and projects, programs, I guess they are. Could you identify which of those have any relationship to the matters we're concerned with in this inquiry? The first one, obviously not, the "Northern Strategy", but the second one, "Fisheries Renewal". Can you identify what of that program relates to Fraser River sockeye?

MS. DANSEREAU: So if I may, and it will be better, I think, if everybody had a copy, but -- Q It would.

MS. DANSEREAU: -- the priorities are attached to the "Strategic Outcomes", as I said, and the strategic outcomes for the Department are safe and accessible waterways, sustainable fisheries and aquaculture, healthy and productive aquatic ecosystems. And then there are below those priority activities, and then below that sub-

 activities. So as we go through the -- each of the priority areas, we can identify which actions we had said we were going to do in order to help us achieve the outcome, recognizing that we may never get to the full and total outcome, but that we're making progress towards that, and that the world will constantly change.

So on the Northern Strategy for the issues that we are discussing at the moment, there will be no direct relationship. However, the Northern Strategy does contain some elements of sustainability and certainly elements of fisheries management and not just safe waterways.

So on the Fisheries Renewal, perhaps not necessarily directly relating to the Wild Salmon Policy, but certainly the whole of the Department on the fisheries side is focusing on renewing our policy suite of all of our fisheries policies, and so Fisheries Renewal is a broad set of activities designed to ensure that we are continually staying up to date scientifically, up to date in a policy sense, and up to date in our expenditures to assist all of our stakeholders at staying current. So Fisheries Renewal is a whole series of activities that would in fact have some role to play in your deliberations.

- Thank you. And then the other -- the other priorities and the reporting here, the "International Governance", is there any relationship there to -- the references seem to be to a number of specific issues which seem to be principally on the east coast; is that correct?
- MS. DANSEREAU: The -- the International Governance as a policy suite as written here, not necessarily, but certainly the work that we've done organizationally on the International Governance front, clearly fits with -- some parts of it with the work of your Commission to the Commissioner because many of our folks on the Pacific Coast work closely with our American counterparts at managing the Pacific Coast Fisheries, and so there would be some elements of International Governance that could come to play.
- Q And going through these various -- so from "International Governance" we then have an "Aquaculture Governance", again is this -- does this relate, as well, to the relationship of

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PANEL NO. 3
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aquaculture to wild fish? I don't see that in the contributions and results.

- MS. DANSEREAU: Not -- excuse me, sorry. Not in the work that was previously done. It certainly will in the future. Certainly British Columbia as a result of the change in -- as a result of the court case.
- Thank you. The next priority, "Health of the Oceans", again I can see that that focus may have some relationship to sockeye. But looking at the specific results achieved, I don't see anything directly related to the concerns that have been expressed with respect to Pacific sockeye.
- MS. DANSEREAU: Actually, the person who may answer this more fully would be Paul Sprout, because he was here at the time. But in terms of the approach that we would take on Health of the Oceans, we would be considering any of our actions and the relationship that they would have on Pacific salmon. So yes, in a -- in an overall sense, but maybe not specifically in the actions as described here.
- MR. WALLACE: Yes. Mr. Sprout?
- MR. SPROUT: Well, I was trying to think of, you know, the direct linkage, and I can think of a number of indirect linkages. Maybe I could note those, and you may have some other questions around that.

But, for example, on the Oceans agenda, at the national level it notes that in one of the results that we are identifying marine protected areas. Okay. So in B.C. to apply that national direction, we have provisionally identified a marine protected area in Northern B.C. that is --may potentially become a marine protected area. It's just entered into the early stages of being recognized.

Now, that area is an area that Fraser River sockeye will migrate through in some sort of level while they're maturing as they leave the estuary of the Fraser, as they move up through the Gulf, through Johnstone Strait, into Northern B.C. and then onto the North Pacific.

- Q Where is the -- remind of the...
- MR. SPROUT: It's the -- it's an area off of -- located south and east -- I'm sorry, west of Prince Rupert. So that's a potential marine protected area that's being considered. We also implemented

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a marine protected area off the West Coast of the Haida Gwaii, off of the Charlottes, Bowie Seamount, roughly at this time. And so these are two areas that it's possible Fraser River sockeye, young Fraser River sockeye on-journey to the North Pacific could migrate through. So indirectly there may be a benefit there, or tied back into the Fraser.

So I could go on with those kinds of examples, but they aren't specific -- they aren't directly related to Fraser sockeye. They're serving another purpose, but they could have an associated benefit.

Right. And that's the tenor of my questions, and I want to ask about each of the priorities identified in the measures of success, which are set out in this.

I see we now have the document on the screen.
Mr. Lunn, we're at page 13 of that document.
And in the case of "Science Renewal" the goal
was:

To develop and implement a long-term strategic approach and a multi-year operational planning approach that builds national capacity for aquatic science to continue to provide high-quality, timely, and relevant scientific advice.

And then the specific results achieved, there is it again speaks about the development of an international strategy of long-term planning, ecosystem, the established six ecosystem research initiatives. I wonder if this may be something which we should address the Science panel which is coming up later this week.

- MS. DANSEREAU: Yes, I think they will provide you with much greater detail, both Dr. Wendy Watson-Wright, and Dr. Siddika Mithani will certainly be able go into the details of this.
- Q All right.
- MS. DANSEREAU: Probably Dr. Wendy Watson-Wright more, but again it speaks a little bit to the comments that Paul Sprout made. It is again not necessarily the specifics that you will find, but the generalities that this is how we manage our business. So ecosystems management, Pacific

salmon would fall under any work that we would be 1 2 doing under ecosystems management --3

Right. Thank you.

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MS. DANSEREAU: -- and science.

- And again carrying on, the next heading on page 14 is the "Canadian Coast Guard Rejuvenation". assume that there's nothing in that that would be related to this inquiry even (indiscernible overlapping speakers).
- MS. DANSEREAU: I would say in all of them that's the one that would have the least connection.
- Yes. "Habitat Management Regulatory Improvement Initiatives". These are general process changes, as I read them, not related to particular substantive interest?
- They are definitely process changes but MS. DANSEREAU: that have -- that have at their heart improved -improved habitat management. So there will be some complementary benefits to -- to the habitat, to the (indiscernible - overlapping speakers).
- And we will get into the --
- MS. DANSEREAU: Exactly.
- -- effect of those and the specifics as we --
- MS. DANSEREAU: Yeah.
- -- carry on here. "Species at Risk Management", again there are Fraser sockeye stocks that are monitored in that context, so I suppose that's the relationship with that priority to Fraser sockeye.
- MS. DANSEREAU: Yes. And I have to say that this is -this is '09, and some of the changes, the organizational changes that I've made have actually undone one of the -- one of the results achieved here. Not only because it was an organizational change that I have now brought SARA much more into ecosystems management in general, not so much as a standalone item.
- So the separate identification of the species at risk management would not appear in next year's report.
- MS. DANSEREAU: It -- I think the activities will. the -- the result as we define here as an organizational change will certainly not be. issues around SARA will.
- Right. Can you explain that reorganizational change while we're focused here?
- 46 MS. DANSEREAU: Before we --
 - Well, you raised it, we might as well

(indiscernible - overlapping speakers).
MS. DANSEREAU: Sure. Certainly. I -- it was my
belief, and David Bevan mentioned some of this in
the -- in the introductory remarks, that it was my
belief that we should be better organized around
ecosystems management as a Department. We also,
in my view, should have been more able to provide
clear client service, both internally to
government and externally to stakeholders. And
all organizations require a review from time to
time, and our Department had not in the National
Headquarter structures had a review for about ten
years.

So I took a look at the workload that people were facing, and the priorities that we needed to be focusing on, and felt that we had not built the appropriate synergies internally to be able to deliver on everything that we need to deliver on. so I created - and we created collectively, but it was my direction - what's called an Ecosystems and Fisheries Management Sector in which all of the delivery of our programs resides. So Small Craft Harbours program is there now with the Fisheries Resource Management folks, with Aquaculture, with everything that we do externally and working with stakeholders. And that does a number of things: (1) it makes it easier for people to interact with us, because there's one point of entry, but it also means that the people who are managing certain programs can sit and have synergy with their colleagues around certain programs.

So as David mentioned, the clearest example is Small Craft Harbours. The client group there is primarily fishermen or fishing families, and the client group of our Resource Management folks is exactly the same people. Prior to the change, the Small Craft Harbours program was generally managed in our Corporate Services area, and that didn't make any sense to me at all. So they are now residing together with others who deliver services to the same client group.

I've also placed in there, though, delivery on Habitat Management, because a lot of the work that we do on Habitat Management is very similar to the work that's done by the Conservation and Protection Officers, so the Enforcement side of our Habitat program, the Regulatory side of our

Habitat program, all of that now resides in the Ecosystems and Fisheries Management Sector to again build synergies and complementarity inside that sector.

I've strengthened, then, I've taken away the policy role that that group used to play and placed that in what we now call the Program Sector where Ecosystems and Fisheries Management policies can now be developed again having built the synergies on the ecosystems approach. So SARA policy is in there. SARA delivery is in the delivery group, the Operations group, so SARA, Habitat, Fisheries, Small Craft Harbours, all of the operations are in one group, and all of the policy around that is in another group. So again we get the synergy around the policy work.

- Q Ms. Dansereau, and other members of the panel, I'm actually not very important here --
- MS. DANSEREAU: That's true.
- Q -- the important person is Commissioner Cohen.
- MS. DANSEREAU: Sorry.
- Q Is it fair to say, Ms. Dansereau, that the changes you've suggested are changes in how the services and how -- are delivered, if you like, as opposed to the selection of the priorities?
- MS. DANSEREAU: Definitely. It's simply how we can better provide -- how we can better organize ourselves, first of all to make sure we can manage workload to some extent, but also that we can provide better service both to our internal clients within government, and the external clients, absolutely.

So we haven't changed any of the priorities, except we believe, many of us believe that we can start — that integration matters in ecosystems management. I think everybody agrees with that. And by having people not working in silos off reporting to different ADMs, by working together in one unit, we can actually have real integration.

- Q Thank you. Is there anything else that we should have as an overview from this Performance Report? I have -- I would expect there may be other questions as we proceed.
- MS. DANSEREAU: No, I think -- I think I'm happy to answer questions, but...
- Q Yes. Then let me move on. The next document to

which I would refer you, Ms. Dansereau, and they're now on the screen, is the Departmental Plan, which is Tab number 6, Mr. Lunn.
"Departmental Plan - Integrated Business and Human Resources Plan 2010-11", and is this a -- this is the third document in the planning priorities process?

MS. DANSEREAU: Yes.

Q Can you just explain what we get from this.

MS. DANSEREAU: This is a very important document for the management side of the organization. If we start from the priorities established by the Prime Minister and in the budget, to sort of give us our marching orders on priority, through to how we report on those in reports on plans and priorities and departmental performance reports, then there's the matter of how we organize ourselves to make sure that we have the appropriate resources targeted at the right areas in order to deliver on those priorities, and that's what this is.

And the Government of Canada a number of years ago, and I'm not sure when, because I don't think I was there, began this approach of combining human resource and business operational planning to make sure that we were integrated. In part, I think it came as a result of many folks looking down the line, recognizing that we were going to be heading into a real demographic crunch as baby-boomers were making their way out of the system. And we as government needed to be -- make sure that we were aligning our human resources with our business plans so that we could in fact be better able to deliver on our objectives.

So this is a very important document on integrated planning, which I think is maybe five years old. I'm not sure when it started in the federal government system.

So again it takes the strategic outcomes that we have defined, and on page 2 you'll notice that there's this planning cycle that incorporates all of the documents, and this we get more specific in terms of what will be the -- so the planning circle that you have there describes the various steps for any federal department, and our responsibility back to Parliament. And then what it is that we do internally in order to deliver on the strategic outcomes as we defined them.

The strategic outcomes that we talk about are in fact approved by the Treasury Board and approved by Cabinet, and any changes that we choose to make to them, or would like to make to them, have to go back through a Cabinet process.

So we then look at what the priorities are for the given year, and look at how we are

for the given year, and look at how we are organized from a human resource perspective, what the risks are to our delivery in our human resource component, and in our financial delivery. And so that's what we do. We go through each one of our areas as a management team to see where the risks are and what it is that we should be doing to address those risks.

Q Thank you. The next --

THE COMMISSIONER: Has this document been marked, Mr. Wallace?

MR. WALLACE: Oh, thank you very much, Mr. Commissioner. I neglected to do that. THE REGISTRAR: That will be document 19.

EXHIBIT 19: Departmental Plan - Integrated Business and Human Resources Plan 2010-11

MR. WALLACE: Thank you. And the next document I would like to refer you to is the 2009-2010 Integrated Business and Human Resources Plan, which I take to be the same document, but an earlier --

MS. DANSEREAU: From the earlier version.

MR. WALLACE: -- for the earlier time period.

May that be marked, Mr. Giles, please.

THE REGISTRAR: Number 20.

EXHIBIT 20: 2009-2010 Integrated Business and Human Resources Plan

MR. WALLACE:

Q The next, Ms. Dansereau, I would ask you to go to the Treasury Board Management Accountability Framework, which is at number 10 on your list, Mr. Lunn.

MS. DANSEREAU: Mm-hmm.

Q This is an overriding document that informs the whole of the federal government on management accountability. The date of this is 2003, I believe. Is that the current version of this?

I'm interested that what I see on my screen

is different than what I have in front of me on my -- on paper, Mr. Lunn. I'm not sure if it's different in substance. Apparently -- I don't think so. So let's just go with that.

MR. LUNN: I can pull up the PDF version to correspond to your...

MR. WALLACE: Let's go to the PDF, because that's what we've been using, and for the last two documents, as well, please use the PDF, which is what I provided to you.

So the management -- Ms. Dansereau, this should be marked then, as the next exhibit, the Treasury Board of Canada Secretariat Management Accountability Framework 2003.

THE REGISTRAR: That will be 21.

EXHIBIT 21: Treasury Board of Canada Secretariat Management Accountability Framework 2003

MR. WALLACE:

- Q And that is the current version of this, I believe you said, Ms. Dansereau?
- MS. DANSEREAU: It is the basic version of it. It doesn't change very much in terms of the core elements. This is a very important document again for the Federal Public Service. It's called in our language "the MAF". Everybody talks about the "the MAF", the Management Accountability Framework, and it is really a tool through which Deputies, in fact, are -- the performance of Deputies is measured by the Clerk, and in our annual performance assessment, because it is the -- it is the basic management tool. Under each of the boxes that you -- that you see here on some of the subsequent pages, there are indicators and then there are sub-indicators.
 - Would it be helpful to go to a page, perhaps graphic number 1, is that -- would that be helpful?
- MS. DANSEREAU: Certainly.
- Q That's on page 3. Here we are.
- MS. DANSEREAU: Certainly. Any of them are similar, but there is even more detail below this for indicators and sub-indicators, and some of those will change on a yearly basis, but the fundamentals of the program are as you see here.

And again very important. We need to -- this is how we manage our people and how we manage our assets, and how I can be held accountable for the management of the Department.

- And as I was going through the documents I see reference in some of the DFO documents referring back to this framework, so...
- MS. DANSEREAU: All the time. And the indicators we are seriously measured on them, and there are categories of we have achieved what we said we would achieve, or there are areas of improvement in certain indicators, or we in fact have failed, and those are all colour-coded, and we pay very close attention to them. It's an area that I as Deputy have asked the Associate Deputy Minister to make sure that we -- he keeps us very -- very much informed, and it takes an awful lot of management, because it gets to the heart of how we do our business.
- And going to the next document I have, which is the MAF Assessment for Fisheries and Oceans in 2008, that's the sort of assessment to which you just referred?
- MS. DANSEREAU: Yes.
- MR. WALLACE: That's document number 11, Mr. Lunn, and I wonder if that could be marked as the next exhibit.
- THE REGISTRAR: It will be marked as document number 22.

EXHIBIT 22: MAF Assessment: Fisheries and Oceans - 2008

MR. WALLACE:

- Q This is for 2008. Is that the last one that we have?
- MS. DANSEREAU: We go by rounds, and we just finished, I think we're in the process of finishing the round subsequent to this one. So 2008 we will just be finishing 2009, I think. Yes.
 - Yes. How did you do?
- MS. DANSEREAU: We did well. In some areas, like everybody else, there's some areas that we need to improve on. I like to think -- I like to excel in each area, so obviously we'll pay attention to -- to the areas where we need to improve.
- MR. WALLACE: Now, Mr. Bevan, you --

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- THE COMMISSIONER: Sorry, Mr. Wallace, what is the 1 document that you're referring to now? 3 MR. WALLACE: Oh, I'm sorry. Oh, I'm sorry, this --4 MR. LUNN: Mr. Wallace, the Ringtail is still down, so 5 I'm able to bring that one up. 6 I see. All right. So is that -- that's MR. WALLACE: 7 technical problem. You won't be able to bring 8 anything up. 9 MR. LUNN: Anything that's on Ringtail. The documents 10 that you've been referring to have been on the 11 Web, and that's how I've accessed them. 12 Okay. MR. WALLACE: 13 THE COMMISSIONER: But what is the document you've just 14 been referring to? 15 MR. WALLACE: Sorry? 16 THE COMMISSIONER: What is the document that --17 MR. WALLACE: The document to which I jus referred, Mr. 18 Commissioner, is the MAF Assessment: Fisheries 19 and Oceans - 2008. Was that marked? MR. LUNN: Yes, Exhibit 22. 20 21 MR. WALLACE: Exhibit 22. Well, given the frustrations 22 of the technology and the fact that it's now 25 23 after 12:00, Mr. Commissioner, I wonder if we 24 might break now and see if we can speed up the 25 Ringtail and the Internet this afternoon. 26 THE COMMISSIONER: Have you finished your questions on 27 Exhibit 22? 28 MR. WALLACE: I have not. Well, I'm not sure. 29 going to ask Mr. Bevan about this assessment, 30 because I think he was involved in that, as well 31 as Ms. Dansereau at the time. 32 THE COMMISSIONER: Are you able to do that for the next 33 five minutes or six minutes without the document? 34 MR. WALLACE: Absolutely. 35 THE COMMISSIONER: Okay. 36 MR. WALLACE: 37 Is there anything in this assessment in particular 38 that, Ms. Dansereau, you would identify as areas 39 for -- of great success and of areas for 40 improvement?
 - MS. DANSEREAU: I think in this particular year the -one of the areas that we are measured on is the
 values and ethics and how we manage the question
 of values and ethics in the Department, and we
 receive very high rating at that point. There are
 areas and if we had the full chart of areas in
 need of improvement, one was on -- there was a

particular very narrow piece of work that needed to be done for uploading some of our information onto a website, which we hadn't done and that led 3 to an area for improvement. So we -- we've 5 rectified that. 6 I would say apart from that, no, I think the 7 -- generally it was not a bad year. I was not the 8 Deputy at the time, and nor was David Bevan in the 9 position he's in now --10 Yes. 11 MS. DANSEREAU: -- so neither one of us really --12 That's true, you were in the position that he is 13 14 MS. DANSEREAU: That's right. 15 Yes. 16 MS. DANSEREAU: And even for only a very short period 17 of that year. 18 Q Yes. 19 MS. DANSEREAU: Yes. 20 MR. WALLACE: Thank you. The Integrated Risk Management document, Mr. Lunn, is that available 21 22 to you? Integrated Risk Management Policy, which 23 is at Tab --24 MR. LUNN: No, I am sorry, the only document that is 25 available is number 14. Is that the one you're 26 referring to? 27 MR. WALLACE: No. I think we need to go to 12 and 13 28 before we go to 14, because I think they work --29 they work better in that order. 30 Mr. Commissioner, I have no further questions 31 on this document and the next one doesn't seem to 32 be available. 33 THE COMMISSIONER: All right. Well, then we'll take 34 the break and hopefully over the break we can sort 35 out the technical difficulties. Thank you. 36 MR. WALLACE: Thank you. 37 THE REGISTRAR: The hearing is now adjourned until 2:00 38 p.m. 39 40

(PROCEEDINGS ADJOURNED FOR NOON RECESS) (PROCEEDINGS RECONVENED)

THE REGISTRAR: The hearing is now resumed.

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MR. WALLACE: Good afternoon, Commissioner Cohen. I will move now, I think, to some documents that relate to the Pacific Region, and then we'll come back to the integrated risk management federally.

So I wonder if I could ask you to pull up your document number 2, Pacific Region Implementation Plan, 2006 to 2010.

I'll put this question to Mr. Sprout, because his fingerprints are on this one.

EXAMINATION IN CHIEF BY MR. WALLACE:

We heard this morning, Mr. Sprout, that this plan flowed from our waters, our future, the strategic plan 2005 and 2010, correct?

MR. SPROUT: That's correct.

MR. WALLACE: Yes. Could this be marked please as the next exhibit?

THE REGISTRAR: Number 23.

EXHIBIT 23: Pacific Region Implementation Plan, 2006 to 2010

MR. WALLACE: Thank you.

- Q Mr. Sprout, I gather from the evidence this morning from the Deputy Minister that this priority setting has changed now and we'll get into the current version in a moment. But I wonder if you could just give us an overview of this document and, in particular, how it -- you know, whether or not there was an assessment done of the implementation plan which was established in 2006.
- MR. WALLACE: Mr. Commissioner, can you hear me? I -- THE COMMISSIONER: Yes, I --
- MR. WALLACE: I can tell if I lean right over, it seems to work. It's not -- it appears that these mikes are not as sensitive as we would like, so I think we need to lean into them. Thank you.
- MR. SPROUT: I will. So first of all, I need to explain. The Department's implementation plan flows from a national strategic plan that the department prepared in 2005. The first strategic plan the Department prepared was in year 2000. It was a five-year plan, and the next one was in 2005.

When I returned to the Pacific Region at roughly this time, one of the things that I wanted to do was to prepare something that would take national direction which sometimes is difficult for people in the regions to relate to the

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national direction. It's at a very high level. It's at a corporate level. Understandably, it is.

So what I wanted to do in the Region, is take national priorities and say, okay, what does this mean more specifically in the Pacific? And I wanted to do that over a five-year time horizon to match the national strategic plan. So the Pacific Region in 2004 prepared this plan which was eventually produced in, I think, late 2005, that sets out the ideas and the actions and the thinking the Region had over a five-year period to follow up on the national plan that was prepared in 2005.

So when you read through this report, what you see is regionalizing the department's national direction. So it starts with the Pacific Region context. So what are the things that are affecting the Region that fit within the national context. Then it talks a little bit about the ideas or constraints or issues that we might be facing, and then it goes on -- it lays out some of the broad directions, and then finally, in the appendix, there is a series of actions.

Now, this document is not an on-the-ground document. If you look at the national plan, the 2005 national plan, if I can use this — this metaphor, it's at 40,000 feet. When you read it, it's hard to really grasp, in my opinion, sometimes, what it means on the ground. And so the Region's attempt to produce this implementation plan was to go from 40,000 to 20,000. It's not on the ground yet. To go to the ground, you've got to go to work plans and other activities.

But this should give it more of a regional context and it should explain, with some degree of precision, about how the region will try to follow the priorities set nationally, and how the two link. It's also meant to give our staff a sense of direction and to link the implementation plan with the national strategic direction.

So that's what we attempted to do. That was the first plan that the region had ever done, and that's the plan that I've just referred to. Now, would you like me to go on and talk about the assessment of this plan?

Well, let's -- I was next going to look at the

implementation plan, report on progress. Is that
where you were going to go, or were you -- did you
want to speak --

MR. SPROUT: No, that's where I was going to go.

Okay. So perhaps, then, Mr. Lunn, if I could ask you to bring up the next document, Pacific Region Implementation Plan Report on Progress as of March 2009. Thank you. Can that be marked as the next exhibit, please?

THE REGISTRAR: Number 24. MR. WALLACE: Thank you.

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EXHIBIT 24: Pacific Regional Implementation Plan Report on Progress as of March 2009.

MR. WALLACE:

Q Please proceed.

MR. SPROUT: So the implementation plan was five years, and so the report that has just been referred to is a one-year evaluation of how well I believe we're implementing the plan as of 2008, I think. I believe that we were doing the one-year progress reports for each year to evaluate how well the implementation plan was being implemented on a yearly basis.

So I believe what you've got in front of you is the 2008 evaluation which --

- Q It's the 2009 evaluation. The date is --
- MR. SPROUT: It would be -- if it's 2009, I think it would be reporting out in 2008, I'm thinking. I haven't refreshed my memory on this, but I'm guessing it's a year or so behind the publication date.
- Q The date on your cover letter is April 2010, and the -- it's referred to as the Pacific Region 2008/2009 Report on Progress.
- MR. SPROUT: Okay. So if it's a 2008/2009, it should be reporting on the progress in that year.
- Q Thank you.
- MR. SPROUT: And we would have done this, I believe, for each year, looking backward over that previous year. So this would report out on, okay, what did the implementation plan say we would do that particular year or to that particular period in time, and what did we actually do? So this report should be aimed at reflecting that, to get a sense of the progress we're making against the initial

1 implementation plan.

- Thank you. And I note from the plan itself, the previous exhibit, that the top priority is realizing --
- MR. WALLACE: Just go back to the prior document, Mr. Lunn. Sorry, I've forgotten already the exhibit number, but the plan itself.

MR. LUNN: Exhibit 23.

MR. WALLACE: Exhibit 23.

- Q I notice that the first priority on page 1 of that document under the "Introduction" is "realize conservation and sustainable development". Can you comment on the success with respect to that in your -- and where we would find that in the report from 2010.
- MR. SPROUT: Now, are you referring to the implementation plan or the progress report?
- Q I'm finding the goals in the plan itself, Exhibit 23, and I'm asking you to point me to where in the progress report you comment on the success of achieving that goal.
- MR. SPROUT: Okay. So I would have to go through the progress report quite carefully to draw that out, but I can give you a general response, if that's right.
- Q But there's no -- it's not explicitly addressed in the progress report?
- MR. SPROUT: No. The way -- just to explain, the implementation plan sets out the broad goals that I did -- that you just referred to, one of which you referred to. The implementation plan then goes on I think it's in the appendix and it lays out some action steps. These are the kinds of things that we're going to follow up on to the best of our abilities, to try to realize these broad goals.

So the progress report is designed to reflect some of those action steps which tie back into the broad goals. So I don't know, because I can't recall the progress report specifically, but you would look at the action and the action should be able to link back eventually to a goal, whether it's sustainable fisheries or cooperation, collaboration, which might be another goal. First Nations aspirations might be another goal. All of those, we should be able to link them to the actions in the progress report.

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- Q Okay. So you'd look at the actions rather than the goals to see --
 - MR. SPROUT: You look at both. You see, the goals give you the broad direction. They tell you to turn right or to turn left. The actions then help you realize that. There's steps along the path to help you realize that goal. So you'd want to look at the actions in -- as to whether they were in fact helping you proceed down the path towards the goal which the implementation plan was broadly outlining, and the appendices, I believe, were outlining some of the steps or actions to get there.

The progress report is reporting out on those steps or actions which then can tie back logically to the goals.

- Q Now, as I understand it, the priorities and planning methodology, if I may use that word, changed in 2010, and we then got into the planning process that Ms. Dansereau spoke of, and on that point, may I take you then to the next exhibit which is Pacific Region Business Plan 2010/2011 dated February of this year.
- MR. WALLACE: That document 8, Mr. Lunn. Perhaps, Ms. Farlinger, I should put this question to you. This I think is now in your bailiwick.
- Q Can you comment on the role of the business planning now in the context of establishing priorities in the region?
- MS. FARLINGER: I can. I should point out, just for clarity, that at the time we finalized this business plan that Mr. Sprout was still the RDG, so you may want to address the question to him.
- MR. WALLACE: By all means. My question to you, really, is how he planned to use it. I may well come back to --
- MS. FARLINGER: Okay.
- MR. WALLACE: -- Mr. Sprout as to why things are there.
- MS. FARLINGER: Okay. The plan in this context does much the same as the previous plan, but is really a fundamentally -- a shorter term sets out the actual business plan and how we will deal with the priorities in 2011.

You'll see that the regional profile is much the same as in the longer-term plan, but perhaps more specific in terms of incorporating the departmental risks on page 2. Looking at the 51
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challenges in the context of the region,
specifically, the risks are Department-wide. The
challenges are focused on the region. Then on
page 4, the summary of opportunities.

Ms. Farlinger, then that answers the question I

- Q Ms. Farlinger, then that answers the question I was about to ask. So the risks, then, set out on page 2 simply recapture the language of the departmental business plan; is that right?
- MS. FARLINGER: Right.
- Q And the challenges are the application of those risks in the context of the Pacific Region?
- MS. FARLINGER: That's right.
- Q Thank you. That's helpful. Looking, then, at the summary of John -- I note I haven't marked this yet as an exhibit.
- MR. WALLACE: Perhaps, then, Mr. Giles, we could mark the business plan for the Pacific Region 2010/2011 Exhibit 25.

THE REGISTRAR: Twenty-five, yes.

EXHIBIT 25: Business Plan for Pacific Region 2010/2011

MR. WALLACE:

- So looking at page 3, Ms. Farlinger, there are nine challenges listed there. I wonder if you could just comment on each of those in the context of this inquiry and onto Pacific sockeye, just how you see your -- the issues that the Pacific Region has to deal with in those challenges.
- MS. FARLINGER: Well, I'll do my best. I think certainly number 1 is self-evident simply in terms of all the activities we carried out in the region, including the science and management associated with Fraser sockeye that, you know, we were having to ensure that we were focusing our efforts on the highest priorities.

In the matter of public scepticism, I think it, once again, talks about the stakeholders with very different interests and very different perceptions. The -- there's reference to the criticism that the Department is seeing by some to mismanage the fishery and doesn't adequately address conservation. This is certainly an ongoing challenge for us in terms of bringing to the fore the policies and the principles on which we base the decisions that are made fundamentally

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from the frontline level in the Department up through the region, through the various levels and, in fact, making clear the kinds of policy framework in which we frame decisions or advice for decisions that the Deputy or the Minister may make.

Part of this has to do with challenge number 3 is that there are very differing perceptions of climate change, changing environment and the impacts on fisheries, and we were clear that this was a challenge for us in terms of the fact that abundances were dramatically shifting. In the species we looked at, there was greater variability in the things we were seeing in terms of both marine and salmon species.

Sustainable fisheries, we talk there about reduced salmon harvest opportunities and the need to address conservation requirements. There are other issues operating in the fishery such as costs for operating, processing costs and marketing. These changes have led to a decline in the economic viability of the commercial salmon fishery. This was intensified, as we say, by impacts to market access.

Catch monitoring, concerns between and amongst the sectors, the fishing sectors about the information that each sector would provide in terms of catch, and the reasons that we were looking at the opportunity to, once again, improve catch monitoring and reporting standards.

As you know, First Nations' aspirations are a significant factor in -- and challenge in B.C. in terms of managing fisheries. We speak a bit to the uncertainty and the expectations around that. We look at the challenge of bringing an aquaculture management regime resulting from the court decision. As in most areas in this country, urban growth and industrial development continue to increase these. This, of course, relates to how we manage the habitat program and the regulatory activities under those portions of the **Act**.

Then, of course, we look at the situation in British Columbia and the potential impacts of the budget and some of the development activities that are going on in British Columbia.

Thank you. Ms. Farlinger, the next -- the next

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document I would take you to is the Integrated Business and Human Resources Plan for 2009/2010. Again, this is part of the new suite of planning documents. I think it's probably Tab 9 in your book.

Ms. Dansereau spoke to this in the national context. Would you care to comment on it in the regional context?

MR. WALLACE: Perhaps that could be marked as the next exhibit, Mr. Giles.

THE REGISTRAR: Twenty-six.

 EXHIBIT 26: Integrated Business and Human Resources Plan for 2009/2010

MS. FARLINGER: This is really as was described at the national level, as you've just mentioned, the Pacific Region version of the business plan.

I think because this is -- just a moment,

please. I suspect that Mr. Sprout may be more able to deal with this one, because it looked over the three years.

- Q Indeed. This one goes back to your time, Mr. Sprout. You may wish to comment on the previous document as well as the genesis of the business plan. Maybe that's the place to start.
- MR. SPROUT: Okay. So maybe I'll start with the challenge section just for a moment.
- Q Thank you. So we're back to Exhibit 25 and to page 3 of that document.
- MR. SPROUT: So the Pacific Region business plan is designed to help inform, ultimately, the national business plan. So it's -- and it's this document along with all other documents that would come from other regional directors, from ADM's, inform the DMC. So the idea is that around the DMC table, you have this awareness of what the views and perspectives are from across the Department geographically and within the functional areas: fisheries management, science, et cetera, along the lines that the organization that the Deputy referred to and you asked about earlier.

So in the Pacific region, in developing the business plan for '10 and '11, what we did is identify the challenges that the region is facing, the ones that we thought were very important in influencing and shaping and effecting our ability

to deliver, ultimately, activities. So those, I think, are very candid and reflect our observations and we think are important considerations as we reflect on ultimately designing a departmental plan and having that debate at the DMC table that I referred to.

The integrated -- or the HR plan, what that does is it brings together the human resources, admittedly at a very high level, with some of the Pacific Region contacts and repeats a little bit, I think, of some of the other plans we've already discussed, but brings it together in one document: the resources, the HR resources, plus the priorities that you are contemplating delivering on with those resources, and that's the Region's attempt at, in fact, doing that.

- Q Just an aside for a moment, Mr. Sprout. I notice that this document, Business Plan 2010/2011 is marked and the copy that we have, in any event, on the first page and actually on each page has a "draft". Are you aware of a subsequent final version of this?
- MR. SPROUT: I believe there was a final version. I'm assuming there were. I know we went through a lot of iterations.

The development of the plan is debated internally within the region with the Directors and others as we try to work out something that makes sense. As a consequence, that leads to many iterations and then finally a final version that would go to Ottawa and then be incorporated.

So I'm assuming that final version exists someplace.

- Q This is dated February 9th, 2010. In your recollection, how close would that be to the final version?
- MR. SPROUT: This looks pretty good to me. Like I think the issues that we would be debating, I think, probably in the earlier drafts, would be, okay, how do we describe the challenges? What are they? We probably wouldn't debate nearly to the extent of the actual programs because, by and large, those are fairly clear from year to year to year, except for the priorities that would be added on that year that ultimately flow from headquarters, from the DMC process.

So I believe that the version you have in

front of you would be, frankly, very close to whatever final thing we produced. I don't think there'd be substantive changes.

- Ms. Farlinger, are you aware of a subsequent final document?
- MS. FARLINGER: As I understand it, this is the version that Mr. Sprout took with him and presented at the Departmental Management Committee as part of all the regions presenting their business plans, and I believe that was in April, if I recall correctly, but my understanding is this is the version.

MR. WALLACE:

- Q We've raised this issue before with your counsel, and perhaps we can see whether we can have confirmation that this is the most recent version?
- MR. TAYLOR: Well, I don't think I can add to what the client, Ms. Farlinger, is saying. It's my understanding this is the final version. I don't know more than what Ms. Farlinger said.

MR. WALLACE:

- Q Thank you. And we started this conversation on the next exhibit, Mr. Sprout, the Integrated Business and Human Resources Plan.
- MR. SPROUT: I thought I had succinctly answered your question on that.
- Q All right.
- MR. SPROUT: But basically, what the Integrated Business and Human Resource Plan does is it brings together the key priorities, in this case, the Region understands that it's supposed to pursue, with the human resources, the budgets and the staff that would be available to pursue those priorities.

Now, if you read through the Pacific Region's version, you'll see it's quite high level. It rolls — the figures are rolled up to quite a high level. But nevertheless, that comports with the standard that Ottawa was seeking which we would then use as a basis to inform the departmental management discussions along the lines that I discussed. So all of the RDGs, all of the ADMs will have their version of a business plan like this, and that ultimately informs a discussion at the most senior management table in the Department.

MR. WALLACE: Thank you. If we can then go back now to nationally. Ms. Dansereau, and I'd like to

address the issue of integrated risk management. There are five documents which we've provided which relate to that issue starting with the Departmental Integrated Risk Management Policy of July 2004. That's number 12. Ms. Dansereau, perhaps you could just address how the Integrated Risk Management Policy was established and its genesis in this document.

MS. DANSEREAU: Thank you. The documents that I'm most familiar with obviously are the ones that begin in 2008, that because that is when I joined the Department, and we were on — the Department itself was on a trajectory, improving its integrated risk management profile and the mitigation strategies that resulted from the profile. So I can speak to from 2008 on.

I do know that we spoke a minute ago or a while ago about the management accountability framework, the MAF, as we call it, and in the MAF, one of the key areas that deputies are held accountable for is to make sure that there's a good corporation risk profile and good corporate risk management systems in place, and that we had not been doing very well in relation -- as a result of our first documents from 2004, 2008. We had been deemed to require further work around integrated risk management. So in 2008, we put in a significant effort into changing the process that we had.

I can also say that I have continued in that effort, and we will make available to the Commission the most recent version of these documents. I, in 2010, asked -- one of the big changes that's happened in the federal government is the creation of - we mentioned this earlier this morning - the Departmental Audit Committees. These are committees made up of external advisors who advise the deputy on -- essentially on the control frameworks that we have in place to make sure that we are well managed.

We are fortunate in that on our Departmental Audit Committee, we have an expert, somebody who actually teaches in university, risk management and so I, in June, held another retreat of the senior management table with my Departmental Audit Committee to address in further detail, and to modernize even more our profile. So that work was

sort of making its way through the system over the course of the summer and the documents are not here because they are just in final preparation now. So we can make those available to you.

I can tell you the thinking in 2008, we had moved towards and integrated risk profile, a risk management profile that really addressed — and this is a changing field for governments and for the private sector. Risk management is a changing field and a very dynamic field. We had been focussing, in 2008, on the risks over which we, as a Department, and we, as federal civil servants, had a certain degree of control. Because to lay out all the risks over which we had no control meant that we would be putting ourselves in a position of vulnerability, really, because we could not show progress at managing and at mitigating because we had no control over them.

The new thinking around corporate risk profiles is that we ought to be including in the risk profile as many factors as we can. So that work was done in the summer, and I haven't seen the final product of it yet, or at least not the mitigation strategies that would go with it.

So this is then. The world continues to change, and we should continue to change because the more senior levels of the federal government, of any decision-making body, really, has to spend an awful lot of time thinking and planning around risk, and making decisions around risk. So it's one of the key things that we do.

So I'm not sure how much further you want to go into this question.

- Q Well, I think you've given us the overview of how things have moved on.
- MS. DANSEREAU: Yes.
- Q And using, as a vehicle, the earlier documents. So there may be -- we'll come back to what's happening today and how this has progressed over time.
- MS. DANSEREAU: Okay.
- MR. WALLACE: Mr. Giles, could the Integrated Risk Management Policy of July 2004 please be marked as the next exhibit?
- THE REGISTRAR: Twenty-seven.
- 46 MR. WALLACE: Thank you.

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EXHIBIT 27: Integrated Risk Management Policy of July 2004

MR. WALLACE: Thank you. Now, I'm not sure to whom to address this question, because I'm not sure any members of the panel were involved in the development of this. Perhaps Mr. Bevan, I don't know.

If I go to page 4 of this document, under "Definitions", we have a definition of integrated risk management which describes the principle of it as, if I might use the word, a management tool.

The second definition is the precautionary approach, and I guess I am curious as to how the precautionary approach fits into the issue of corporate risk management as opposed to risk management with which I think of the precautionary approach being (indiscernible - coughing) and how do you deal with the risks that exist in the world, in fisheries, foe example, and sustainability. That's where the precautionary approach is used, as I understand it -- and I don't understand it in the context of corporate risk management.

MR. BEVAN: Yes, I was involved in these discussions, and you see the two definitions. But precautionary approach in DFO, it does have two different meanings to some extent. It's exactly the same concept: making decisions, taking decisions when you don't have perfect information, where you have uncertainty. Clearly, over the years, we've learned that we can't ask science for more precision if it's impossible to give it to us. We need to be able to deal with uncertainty.

That has permeated the culture of the organization to the point where it also comes up in dealing with corporate risk management. So we are going to be dealing with uncertainty. There are going to be external forces that we are unable to control or often predict, and we need to be taking our decisions with that uncertainty in mind.

That's essentially what it means, and it's the same kind of approach that we take in managing fisheries. We deal with uncertainty. We deal with uncertainty as to the state of the ecosystem and as to the kinds of circumstances that could

impact on the outcomes, and that means that we have to be precautious when taking those risks.

That applies here as well.

MR. WALLACE: Thank you.

- Now, if I may, Ms. Dansereau, take you to the guidelines which flowed from the Integrated Risk Management Policy of July 2004, and they're called the Initial IRM Implementation Guidelines approved December 2004. That's document 13.
- MR. WALLACE: That could be marked as the next exhibit, Mr. Giles, please.

THE REGISTRAR: Number 28.

EXHIBIT 28: Initial IRM Implementation Guidelines December 2004.

MR. WALLACE:

- Q Perhaps Ms. Dansereau or Mr. Bevan, you can just explain how this fits into the sequence of managing, taking into account the investment -- sorry, the integrated risk management.
- MS. DANSEREAU: If I may, to the best of my ability because I was not there, but following the sequence of the way documents are prepared in government, the first document is the policy, the second would be the guidelines to allow us, or to allow the Department to put into practice the policy as it was written, and then further on, there's an implementation plan, et cetera. So it's just the sequencing of documents, I presume, that the decision-makers of the day would have put in place. It's a standard process. You do policy, then guidelines, the implementation plan and then reporting.
- Q So just the next level of precision.
- MS. DANSEREAU: Exactly. Precision, exactly.
- MR. WALLACE: And the document you've just referred to being the implementation plan, I take it, is the next document, number 14, Mr. Lunn, and that January 2005 through April 2006, I take it from that this is a more or less annual document or...?
- MS. DANSEREAU: I wouldn't necessarily -- this was the year that this one was created, but I do know the current structure and what I do with the Department Audit Committee is revisit this on a regular basis. I don't think we have a new implementation plan every year.

1 Q Yeah. Is there a more current one that this one from 2005?

MS. DANSEREAU: I can't pretend to remember. I will have to go back and check. And I'm hesitating only because I'm not sure of the extent to which we went into the implementation side of things this June, and I would have to go back and look at that.

MR. WALLACE: Thank you. Mr. Giles, could this be marked as the next exhibit, please?

THE REGISTRAR: Number 29.

EXHIBIT 29: Implementation Guidelines, January 2005 through April 2006

MR. WALLACE: The next document to which I would refer you, Ms. Dansereau, is the Corporate Risk Profile, and the one I have is from 2008, which I again understand is the most recent one.

Q Can you identify this document, please, and explain its place in the planning?

- MS. DANSEREAU: Happily, I can say that I was actually there for this one, so I recognize it. It is not the most recent one. As I say, we held another meeting in June where we have now updated it and we will make that information available.
- So there is a more recent one.
- MS. DANSEREAU: Yes.
- Q But it's not yet completed?
- MS. DANSEREAU: It's not yet completed, but I will look into where exactly it's at in terms of our approval process and, if possible, make it available to the Commission.
- MR. WALLACE: Thank you. Mr. Giles, could this be marked as the next exhibit, please?

THE REGISTRAR: Number 30.

EXHIBIT 30: Corporate Risk Profile 2008

- MS. DANSEREAU: Sorry.
- MR. WALLACE: Yes, thank you.
 - Q Please continue.
 - MS. DANSEREAU: The essential difference that started in 2008 was really the thinking around what are the areas over which we can have some control and then develop mitigation strategies around each of those areas. You'll notice inside the document

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that there are names attached to risks, so champions in the management committee were actually assigned to developing systems around managing those risks, even though they were not risks for which that particular DMC member had direct responsibility.

It was a way, and it's something that happens more and more often in the federal government. We do this on risk and we do this on HR management to assign championing functions to certain members of DMC to continue in the integration approach. So champions were — the staffing is not in place to support the champions; it's much more of a volunteer effort. But they take responsibility and are accountable for managing the risk in a way that the rest of us know that somebody's leading it, and then they report back to DMC, and they report back to me as the Deputy in our performance management agreements that I have with them.

MR. WALLACE: Would I be correct in saying -- have we marked this one?

THE REGISTRAR: Yes,.

MR. WALLACE: Yes.

Q Would I be correct, Ms. Dansereau, in saying that this is the first step in the application of integrated risk management processes? Here you identify specific risks for your Department, and that's the first document that does that.

Do you recall whether these - and I'm looking at the risks identified starting at page 6, and there are eight of them. They're referred to in the regional document we looked at earlier, which is a current document. So am I correct that these are still the eight risks identified as the principle risks for DFO?

MS. DANSEREAU: They will -- these certainly continue to exist. Whether or not they are the eight primary, I'd have to go back and look at the June documents, because there was a retreat held in which a similar exercise was developed, and I know that, at that point -- and the only reason I'm hesitating was that I set it up and I wasn't there that day because I had an operation on that day, and David was not the associate at that time.

The associate led the conversation, but we added to the list by including external factors in addition to some of these internal risks. So it

would be along the -- 2 Thank you. I wonder

- Q Thank you. I wonder if I could ask this witness, through her counsel, if we could be provided with the -- either the updated profile or at least with the risks identified in it.
- MS. DANSEREAU: Of course.
- MR. TAYLOR: Yes, we'll take steps and produce what we can. I understand that there is likely something there.
- MR. WALLACE: Thank you, Mr. Taylor.
- Ms. Dansereau, there is a particular risk that I have identified, which is number 2, "Organizational Adaptability". I wonder if you could tell me a little bit about that. I see that you are the champion, or one of the champions for that risk.
- MS. DANSEREAU: Yes, thank you. And, Mr. Chair, yes, I was the champion for this when I was associate. And there was a sense in the Department, at the senior management table, that there was significant amount of change happening, both in the world and inside the department. We needed to determine whether or not our culture and our structure were sufficiently aligned to -- to provide the resilience that's required in order to be adaptable. The world is changing very rapidly, and we need to determine whether or not we had the capacity inside the Department, both at the human resource level and in terms of our practices to really move with the -- move with the changes.
- Q There are, in the right-hand column of page 6, it identifies two policy initiatives, fisheries renewal and the new policy for oceans management as being sectors to monitor, the effectiveness, I guess, of organizational adaptability.

Can you report on the success of either of those two monitoring efforts?

MS. DANSEREAU: Not really, because some of the thinking that went into this is in fact what led to my recommendation for changes in the organizational structure. So it was my sense, after we looked at this work that we were doing, that we were not organized well enough to be adaptable to change. So some of the org changes that I implemented, once I became Deputy, were as a result of that. But there would be no specific document that I could point to, to say that,

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because it has much more to do with culture than
it does with evidence.

- Q Right. So am I correct, then, that the monitoring that was suggested here didn't occur?
- MS. DANSEREAU: Yeah, you are correct in saying that, yes.
- Would this be a fair comment? Over the course of this morning, I developed the sense that there was a significant change in the past ten or maybe 15 years in DFO, going from species-specific regulation to an ecosystem-based regulation"
 Would that be the kind of cultural shift for which you would need to be concerned about the risk of operational -- organizational adaptability?
- MS. DANSEREAU: Yes.

- Q And has there been any effort in DFO to look at how successful it has been in making that significant shift?
- MS. DANSEREAU: I think I will ask David Bevan to address some of this, because he has been instrumental in managing that change long before my arrival, and he remembers the stories, as does Paul. I think everybody at this table has certainly a longer memory than I do on these questions.

But I can say that there is success in -coming in from the outside, I can tell by the
receptivity to these ideas that I get every time I
speak about them with the staff - and I meet with
people all over the country all the time - and
certainly what I get from the younger people in
the Department and the people with new degrees,
the direction that we're going is exactly the
direction that they want to go.

So there is an openness and a willingness to go in that direction. We just need to make -- I need to make sure that we've provided them with the tools in order to get there, but I'll let others speak to it.

- MR. WALLACE: Thank you. Mr. Bevan?
- MR. BEVAN: Yes, we have been working on the fisheries renewal file for some time, and that's the process of moving towards a precautionary approach implementation, quota-management fisheries, unlike the salmon are -- many of them have now got conservation limits factored in to the management of the fishery. Decision rules are associated

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with the use of those limits. And the realization by managers and the scientists providing advise that there are limits on what precision can be expected, and you have to manage with those risks in mind.

So in the couple of decades ago, I would say, is where we really got the lesson driven home hard because we were managing to standards like fishery mortality set into a decision role of FO.1, thinking that that was the one control you needed to use in order to manage fisheries. We didn't have an appreciation of the impact of the ecosystem on the productivity of the ecosystem or the stocks we were fishing, and we actually saw some of these changes taking place.

I'm not talking here in terms of the Pacific, but rather the Atlantic. We saw them taking place, we didn't know how to respond, we didn't respond, we kept on fishing, and the rest unfolded in a rather unfortunate way to say the least. From those experiences, learned that we need to exercise caution. We need to understand our limits in terms of our knowledge and the fact that we don't have control by turning the dial on fishing mortality to change the outcome entirely. It's the one control that we do have, but we need to understand the level of uncertainty that we're dealing with.

So that was the driver of a desire to move in that direction, and fisheries renewal, there's a website that's got the sustainable fisheries framework on it. It talks about vulnerable marine ecosystem and our policies around that. It talks about a whole suite of things that are outside the direct harvest control activity.

That's in the fisheries renewal group. It's now housed in the ADM programs group, and it's certainly making progress. But the interesting thing here is that we also are dealing with people who are in the system. So we have some who are modellers. They punch data into computer systems and they -- if they can't quantify it, they can't punch it into the system, and therefore you have weaknesses.

I guess the good example is the fact that we have very good people working on forecasts in the salmon fishery, but there are limits on what they

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can actually model because they don't know how to quantify the huge suite of variables that impact on salmon abundance.

So it's not something you can turn on a dime with a big organization of 11,000 people in the organization that the Deputy manages. It's not something you can turn on the dime because we have people who have been used to a particular process, different skill sets are needed, a different approach is needed. We are developing the policies and we are, I think, making progress, but it's going to take a continuous effort to make that transition.

- Mr. Sprout, I wonder if you could comment on that in the context of the sockeye and salmon in general?
- MR. SPROUT: Well, I think it's true to say that any institution faces resistance in changing and adapting for the very reason that you tend to get groups springing up that like the status quo, for whatever reason that is.

So I think the challenge the Department faces is making adjustments, given the reality that the context is changing. So the question is, how well are we doing that?

In the Pacific, the way I would answer that is that I think we did it well mainly because of the advisory processes that we put into place, which exposed us to all these interest groups. So you can imagine going into rooms where you have recreational fisherman, First Nations, environmentalists, commercial fisherman, and you can imagine they have contested views. The very nature of that process, then, invites you to reflect on what you're doing and why you're doing it, and causes you to reflect on whether the status quo works.

So I think the Department has embraced the notion of processes that encourage debate, and then as a consequence of that, I think, in some cases, has been forced to make adjustments because of the very processes it's set up.

So David referred to some of the changes that we have put into place as a Department with respect to ecosystem-based management. Certainly, from myself, when I first started, we were a single species organization. We managed a

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species. And in the case of salmon or sockeye, I can go back to periods of time where we applied exploitation rates on Fraser River sockeye of 70 and 80 percent. So seven out of ten fish that returned were being harvested.

Okay. Today, those rates now are down to five, four, three, two or one. Why? Because of the processes we put into place where we had debates about the status of the populations, different opinions on what the department should do, and ultimately we arrived at a different perspective in terms of how we could best preserve and allow sustainable utilization.

So it's fair to say that institutions are challenged by trying to change. There's no doubt about that. And the capacity to change varies amongst the department officials from a willingness to change to an unwillingness to change. We represent society.

But I think, by and large, in answering your question, we have made these transitions and these changes, I think encouraged by the processes that we put into place that have then brought out these debates, and the Department has attempted to try to reconcile them as it's moved along to try to adapt to the changing context.

- Thank you, Mr. Sprout. Ms. Farlinger, you now have your hands on the reins here. Do you have anything you could add to the challenges of the organizational inertia, perhaps?
- MS. FARLINGER: Well, only to say that we operate, if you think about this organization and all the things we're accountable to deliver and all the various programs, that there is really no one person who can know anything about it. But it really -- managing in this Department is really about understanding how the, I suppose you could call it, the organism or the ecosystem works and making sure that one part of it speaks to the other and it is informed, as Mr. Sprout has just said, by the context in which we work.

Also, I would add, ensuring that the folks we work with, the stakeholders and the First Nations, are also informed by that context, and in a similar measure.

So one of the great challenges has been for us, and we mentioned it in that list of

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challenges, was having everyone believe everyone else's numbers, whether it's catch, whether it's what you think the state of the stocks is or any other set of numbers that we use as a basis for discussing how we manage fisheries or manage habitat or manage aquaculture, and how it is we come to a common understanding of what information is available and what information is not.

So that's really the part I would add. We need to understand that in a common way. We've put a lot of time and energy into working with various stakeholders and First Nations over the last ten years in terms of sharing information between groups, sharing information that the Department has with groups, and developing a common understanding of, you know, what that information is and what the limitations of it are, and therefore to play it back into the risk framework of what the risk of taking a decision in any particular area is.

So, really, achieving a common understanding inside the organization is as challenging and difficult as achieving a common understanding outside of it, but in both those areas, we've been doing a considerable amount of work.

Our advisory processes, for example, rather than having them all operate separately, we will bring different program people to, for example, a similar advisory process, so people hear the same information from different programs.

So it's really a system of integrating across multiple levels, both horizontally and vertically. Quite frankly, we have a far more integrated operation today than we did ten years ago. Is it sufficiently integrated? Probably not. We'll probably have to keep working at it, I think.

- MR. WALLACE: Thank you, Ms. Farlinger. Mr.
 Macgillivray, I'll leave the last word to the
 Deputy Minister if she wishes. Mr. Macgillivray?
- MR. MACGILLIVRAY: Thank you. I'll just elaborate on one aspect of this organizational adaptability, and focusing on the salmon fishery.

Paul Sprout had mentioned in the past Fraser River sockeye returns had been exploited at rates of 70 percent or higher.

Over the past 25 years, what we've seen is a decline. In some cases, a gradual decline or

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sharp decline in the overall exploitation rates and in the locations where fisheries take place. So, for Fraser River specifically, there used to be seine fisheries that would take place in the central coast of B.C. where there'd be a lot of mixed stocks of sockeyes. You couldn't really get a good handle on what abundance of those catches were bound for Fraser River versus other rivers.

Over time, the location of those fisheries has moved, so that there's more stock separation and there's better information on the quantity of fish that's being removed destined for various rivers.

I think, more generally, I would characterize some of the changes over the past 15 years of so, as kind of like this: The focus, if we go back 15 or 20 years, was to identify large surpluses and have fisheries that took significant quantities of those fish. I think starting in the late 1990s, prompted by coho conservation concerns, there was a big shift in how fisheries were identified and prosecuted. The change really was identify where the conservation concerns exist and then try and identify where fisheries can take place and when, that don't do further harm to those stocks where there's a conservation concern, but allow you to catch the surpluses where possible.

In terms of policy, that approach is reflected in a 1998 policy document called, "The New Direction for Pacific Salmon" that lays out 12 principles to guide the operation of the salmon fishery, and those are grouped under three headings: conservation, sustainable use, and improve decision-making. When you get deeper into that set of policies, in that 1998 paper, there was a commitment to provide more detail on each aspect of those three themes.

That was the impetus to develop the wild salmon policy that more clearly articulates this direction of protecting the weaker stocks, erring on the side of protection rather than harvesting, as well as other policies came out of that new direction paper which included things like selective fishing policy which again states if fisheries can't be conducted in a way to harvest the available surpluses for abundant runs without hurting stocks of conservation, then that

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constrains the ability to have fisheries generally.

So if you can either avoid or release, live and unharmed, those weaker stocks, then fisheries can proceed. If you cannot do that, that provides a constraint to getting at those more abundant runs that are typically the focus of major fishers.

So that aspect of adaptability, I think, has seen a lot of changes, particularly since about 1996 -- mid 1990s right through to today.

- MR. WALLACE: Thank you. Ms. Dansereau, anything further on the risks of organizational adaptability --
- THE COMMISSIONER: Mr. Wallace, I apologize for interrupting, but the witness just referred to a document. Is it in evidence?
- MR. WALLACE: Yes. It's not in evidence, Mr.
 Commissioner, thank you. The "New Directions"
 will be in evidence in the context of the wild
 salmon policy which comes up in two weeks. Thank
 you.
- THE COMMISSIONER: Is it a document that's going to have to be in evidence now that it's been mentioned, so that witnesses can respond to any questions?
- MR. WALLACE: Mr. Macgillivray's comment was just it is the impetus of part of the cultural change, I suppose, and the details of that are reflected in the specifics that we'll come to soon. I made the decision that that wasn't as -- we didn't need to go into that, but we can certainly introduce it now if that would be convenient, although I'm not sure how quickly we could pull it up, but we'll do that and mark it after the break.
- MR. ROSENBLOOM: As a participant, I would appreciate, if at all possible, that this document be provided to us overnight so that when this panel appears tomorrow, we have access to it.
- MR. WALLACE: I'm sure that could be done. It's in your ringtail, Mr. Rosenbloom. Thank you.

 I just have one more -- actually, Mr.

 Commissioner, I have one more document on which I

have to put no specific questions to, but to Ms. Dansereau, and I would just give her, as I promised, the final word on organizational

adaptability, and if that would be convenient time

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to break in about five minutes, that would -- THE COMMISSIONER: That's fine.

MR. WALLACE: Thank you. Ms. Dansereau?

MS. DANSEREAU: No, I don't. I think the comments that you've heard at the table pretty much cover at least that risk on organizational adaptability, and to say — to reiterate some of the comments, that we are an organization made of about 11,000 people. We include the Coast Guard. There are various cultures within all of the organizations. Our conservation protection folks have a culture, our Coast Guard folks have another culture, and we're made up of human beings. We're made up of Canadians.

We are, though, I think more adaptable now than we might have been at some point in the past. I think that's what I've heard across this table, and it's certainly my observation that this is true. The organizational change that I put into place last year, and I have been making smaller changes throughout since I arrived — and I've done this before in other organizations. I tend to be a bit of a change agent. It can sometimes create cultural backlash, and this time it didn't happen. There was an openness and a willingness to embrace the direction that we were going because it was built on where I think the Department wanted to go anyway.

So I think that the risk, as we identified it in the risk profile, is not as great today as it was then. But we will always have to be changing. We will always have to be changing because we're dealing with changing priorities and what is happening in Canada is changing as well.

MR. WALLACE: Thank you, Ms. Dansereau. The final document I'd like to put to you is the "Review of Existing Mitigation Measures for DFO's Eight Corporation Risks in 2008", which builds on all of the risk we were referring to, not just the one I mentioned.

I wonder if that could be marked as the next exhibit?

THE REGISTRAR: Thirty-one.

EXHIBIT 31: Review of Existing Mitigation Measures for DFO's Eight Corporation Risks in 2008

MR. WALLACE: Ms. Dansereau, I'm happy to leave this 1 document simply as a resource. If there's 3 something in particular you'd like to take us to, 4 please feel free. 5 MS. DANSEREAU: No, thank you. 6 MR. WALLACE: Thank you. Mr. Commissioner, that 7 perhaps is a good place to break, and I have 8 completed my questions for this panel. 9 THE COMMISSIONER: Thank you. 10 MR. WALLACE: Oh, I haven't, apparently. I haven't finished my questions. 11 THE COMMISSIONER: All right. But do you want a break 12 13 in any event? I'd like to break and we can find out 14 MR. WALLACE: 15 what they are. 16 THE REGISTRAR: The hearing will now recess for 15 17 minutes. 18 19 (PROCEEDINGS ADJOURNED FOR AFTERNOON RECESS) 20 (PROCEEDINGS RECONVENED) 21 22 THE REGISTRAR: The hearing will now resume. 23 MR. WALLACE: Mr. Commissioner, Mr. Macgillivray referred to the document A New Directions for 24 25 Canada's Pacific Salmon Fisheries, October 1998 26 and I would ask that that be marked as the next 27 exhibit. 28 Thirty-two. THE REGISTRAR: 29 THE COMMISSIONER: Thank you. 30 31 EXHIBIT 32: Report titled, A New Direction 32 for Canada's Pacific Salmon Fisheries October 1998" 33 34 35 MR. WALLACE: And I was right the first time. I have 36 no further questions. 37 THE COMMISSIONER: Mr. Taylor? MR. WALLACE: Oh, but I do have to put in some 35 38 39 position descriptions, mark them as one exhibit, 40 please. They've been circulated to everybody as 41 .pdf's. I don't intend to ask any questions about 42 them. They're simply there as a resource so that 43 participants can see the job descriptions of 44 people who have a relationship or may have a 45 relationship to the issues before you for their 46 questioning. It's simply a list of job

descriptions of some 35 employees of DFO.

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THE REGISTRAR: Marked as Exhibit 33.

EXHIBIT 33: List of job descriptions of positions at Department of Fisheries and Oceans

THE COMMISSIONER: Thank you. Mr. Taylor?

CROSS-EXAMINATION BY MR. TAYLOR:

Q I'll begin with some detail, if I may, and get it out of the way. The 35 or so position descriptions that Mr. Wallace just referred to, Deputy, I believe you've had a chance to look those over, have you?

MS. DANSEREAU: Yes, I have.

- Q And can you, as a group, if necessary you can go into a given one or more of them, if you wish, but as a group are they current or some current and some not or what?
- MS. DANSEREAU: Some are current and some are not. If I may speak to the process, when an --
- Q Sure.

- MS. DANSEREAU: -- excuse me. When an organizational change occurs within the rules of the government, we have one year in which to complete all of the job descriptions for all of the positions that could in some way be affected and so we are partway through that process because we are partway through the year.
- All right. So in short then, I understand you to be saying that some of the job descriptions are out of date because there's been a reorganization and the department is still working on new job descriptions for the new positions?
- MS. DANSEREAU: Yes.
- Q Thank you. Now, I want to ask some questions that seeks to pull together some of the threads that we've been hearing about over the course of this morning and into this afternoon. And let me begin by asking if you, Deputy, can describe in an overview fashion how it is that the department goes about setting priorities.
- MS. DANSEREAU: Thank you for the question. We really have a top-down bottom-up and lateral process for setting our priorities. As you heard from Paul Sprout and Sue Farlinger, priorities are set in

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the region depending on regional priorities. Those are fed into a national process. But at the same time we receive priorities from the Prime Minister and from the Minister of Finance through either the Speech from the Throne or from the budget process. The Speech from the Throne will lay out some, for example, in the last Speech from the Throne the Prime Minister made it clear that fisheries renewal was something that we should continue on which includes possibly reference to and introducing a new Fisheries Act, so that's a priority that is established for the department. At the same time though, priorities come from the ground in -- through various processes where it's clear that our stakeholders are unhappy with a policy suite or we feel from a science perspective that some objectives are not being met and so there's a constant iterative setting of priorities, however our general direction, it doesn't change all that much over time. We -- our mandate is very clear and the priorities can simply shift within that mandate.

- Q Is it the case that the general directions you've just spoken of are reflected in one or more of the documents that Mr. Wallace was taking you to earlier?
- MS. DANSEREAU: Yes. Even the document, The Strategic Plan 2006/2010, if you were to -- if we were to start the process today there would be very little change from that document in terms of the direction that we want to go, because our changes are really quite incremental.
- And are there formal processes within the department for the setting of priorities or bodies that do that?
- MS. DANSEREAU: Yes. Well, the -- as the document shown by Mr. Bevan and by Mr. Macgillivray, certainly at the national level, the departmental management committee is a priority-setting body for the department and that departmental management committee is chaired by me. We meet weekly for regular management matters and we meet approximately every two months face-to-face. As you saw from the org chart, the organization chart, the regional directors general are part of the management committee, so in other federal departments, regional directors general often

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46 47 report up to and through an ADM and the ADM sits on the management committee. In our case the regional directors general report directly to me, so I am kept very much in the loop on matters of importance to the regions, which means I can also then keep the minister informed and up to date.

So in the -- what we call the face-to-face or the extended departmental management committee meetings, at various times through the year they are set aside for priority-setting.

- Q And then when we come to the regional level, Ms. Farlinger, how are priorities set at the regional level?
- MS. FARLINGER: Priorities are set in much the same way a level down. We understand the Government of Canada priorities that come to us through a set of departmental priorities. At the same time, we're putting together the contextual and scan information of the situation here in Pacific Region that would make one item a particular priority in a particular year and then we factor at the Regional Management Committee those priorities that we understand from the context of issues and challenges that are going on in the region into the departmental priorities that we have from the departmental management committee to arrive then at a set of regional priorities, which is a subset of the departmental priorities.
- Q All right. Are you then -- is it fair to sum up then that you're saying that you take the priorities set by the department and then apply them at the local or regional level?
- MS. FARLINGER: It is fair and I would just also add that there may be challenges or issues that are arising in the Pacific context that may not be arising nationally.
- Q All right.
- MS. FARLINGER: And so we will need to bring those to the table, both at the departmental management committee and the Regional Management Committee to figure out the relative priority of those in the context of the departmental priorities.
- Q Okay. Mr. Sprout, did you have anything that you wanted to add to that as the former RDG?
- MR. SPROUT: No, I agree with the overview provided by both the deputy and by Sue Farlinger.
- Q Okay. Now, when it comes to implementing the

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priorities and some of this has been touched on already, Deputy, how does the department go about implementing the priorities once they've been identified in the way that you've said?

- MS. DANSEREAU: The implementation happens in —
 through two routes basically, one through what we
 call the sectors, so those groups that are led by
 assistant deputy ministers and then by regional
 directors general as well. Implementation plans
 will be developed sectorally in consultation with
 regional directors general and then regional
 directors general will take that one step further
 for implementation in the regions because by and
 large, as you saw, the delivery of our programs is
 regional. It's not done we don't actually
 manage any fisheries in Ottawa.
- Q Which then --

- MS. DANSEREAU: We don't manage any fish in Ottawa, sorry. We manage fisheries, but not fish.
- Q All right. Which then takes us to you, Ms. Farlinger, as the regional director general here. Do you have anything at the -- in the regional context that you want to add to what the deputy has just said?
- MS. FARLINGER: Ultimately, once each of the regional directors and myself have worked with the ADMs responsible for the programs, the region then needs to pull together those priorities on a regional basis. And then those priorities go into our regional work planning process which occurs between the regional directors horizontally at the Regional Management Committee and also between the regional directors and their staff who report to the area directors. So they ultimately become the work plans of the region.
- Now, I can't at this moment remember whether Mr.
 Macgillivray spoke to the makeup of the Regional
 Management Committee but just to be sure we've
 covered it off, can you quickly tell us or remind
 us who is on that committee?
- MS. FARLINGER: Certainly. The committee is chaired by the regional director general.
- Q Which is you?
- MS. FARLINGER: The -- yes.
 - Q Or Mr. Sprout before you?
- MS. FARLINGER: The regional directors in the six areas that Mr. Macgillivray pointed out participate in

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the Regional Management Committee. The area directors participate in the Regional Management Committee and the associate RDG participates. From time to time we also have direct reports of those individuals who come to meetings to attend either because there are specific topics that pertain to them or for development purposes. Now, I'd like to ask you, Deputy, about the role of science in decision-making in the department. Can you tell the commissioner how science fits in? MS. DANSEREAU: Certainly. And I'm happy to do so. Science, as you know, as we -- I think you know for this department is critical for all of our decision-making and one aspect we haven't spoken about very much today because it's not evident in our documents is the role of the minister in And the minister as we decision-making. referenced this morning has the ultimate discretion when not constrained by certain pieces of the law and the minister, in order to make her decisions, requires advice. My job is to make sure that all of the governance structures that we have in place and the implementation mechanisms we have in place, the priority-setting tools we have in place, are designed in part to manage but also in order to provide the minister with the best, most rounded, most fulsome advice that we possibly Within that advice there will always be a can. reference to science. I will always make sure that the science, the precautionary approach is defined by science and other science factors are included and the minister and the minister prior to this minister and I'm sure all ministers will always say, "And what does science say about this particular item?" And so most of our decisions, when they involve matters of whether it's allowable catch or habitat management or anything else, the science function is a critical piece to our decision-making.

It is critical and it is one of the foundational decision-making requirements that we have, but in addition to that we also have legal advice that often accompanies the advice that we give the minister and other factors because public policy is not just about -- and public policy decisions are not just about one aspect, but that science plays a key role in helping us shape the

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best possible decision, but it plays one role in that decision.

Q All right. And I think I'm correct that all of you on the panel with the possible exception of Mr. Macgillivray are all people with science degrees as your background, aren't you? Is there anyone who's not a science degree? Mr. Macgillivray. All right. And more specifically, Deputy, you have a microbiology degree as a backdrop to -- or as your university training and then you moved into management after that; is that right?

MR. MACGILLIVRAY: That's correct.

Q And Mr. Bevan and Ms. Farlinger and Mr. Sprout, I believe you're all biologists, are you? Everyone's nodding or all three of them are nodding.

Mr. Sprout, in terms of the role of science and decision-making, you were the director general from about 2005 to mid-2010 in the Pacific Region and before that, you were mostly in the British — in the Pacific Region and have 35 or so years been in the Department of Fisheries. How do you see the role of science and decision-making and can you explain something about change that you saw, if there was change during the course of your time as regional director and were you associate regional director before that?

MR. SPROUT: When I first came back to the I was. region from Ottawa in 2003 I was the associate and then acting and then RDG, regional director general, in 2005. In terms of science, I can go back, unfortunately a long way. My view is, is that more recently, I think, science has been much more part of the decision process and part of the fishing planning process and other aspects of the department than I believe certainly my experience in early days when I first joined the department. To give you some examples of this currently, our science participates in the -- in three important committees in the region that are really influential in trying to put into place the priorities the region eventually gets in terms of national direction, but is trying to put into a regional context. So one of those committees is the Regional Management Committee. So the Regional Management Committee is the executive of

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the Pacific Region, chaired by the RDG in which the science director is there along with her colleagues and that process is trying to come to decisions about priorities, about various issues and actions. And science is participating and provides their perspective along with perspectives provided by habitat director, the policy director, the fisheries director and so forth. So that's a process that was explained earlier that meets every two weeks, that science is a crucial part of a decision mechanism.

Science also participates in something we call the Strategic Directions Committee, so that's really a committee that is looking at typically problems or issues that at some point may have a science basis or issue or not and that process involves the science director along with a smaller number of executives, typically the regional directors are involved and one area director. And that committee deals with issues that are in early stages that typically require a concerted effort over a long period of time to develop responses to. And science is involved right at the beginning and all through that process.

Science is also part of the operations committee. The operations committee is the committee that deals with day-to-day issues that have to be put into effect usually during the season. There's usually time constraints and science is a member of that committee, as well. There are other committee and processes that science participates on. For example, science participates in our fishing planning process and they go out and work with fishing interest groups, make presentations to these groups, as we collect information and eventually make decisions on fishing plans. Science is part of that.

I could go on about other aspects, as well, but in my experience, many of the processes I have referred to have been developed over the last several years as opposed to early days when I was involved in the department where it was my perspective that science was involved in a few of those processes but not many. And I think more currently, their involvement is much more widespread and both in terms of direct science-related questions and questions that ultimately

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might involve science but which science is participating and is part of that process.

So I know I've provided, I think, maybe a fulsome response and I can maybe go into detail, further detail if people want to hear other processes that they're involved in.

- Q All right. I think that's fine for now, thanks. You referred at one point to the science --
- MS. DANSEREAU: Sorry, Mitch -- sorry, can I just add one thing?
- Q Yes.

- MS. DANSEREAU: To this? Sorry.
- Q Certainly.
- MS. DANSEREAU: The -- another key area that our science is really involved in is on the international scene and we -- Canada, in fact, is seen as a leader in many of the regional fisheries management organizations in which we participate. Canada is the one that is always putting on the table the requirement and the expectation that those decisions will also be based on science. So we are, I think -- I think it's safe to say that we are leaders in the incorporation of science into our decision-making.
- Just on that, Deputy, can you elaborate a bit more on the role and work of fisheries scientists in the international community or working with the international community?
- MS. DANSEREAU: Certainly. And I can -- both Paul and David Bevan can speak to this, as well, because they've both been heads of delegation on international bodies, but we never or rarely go to any of the international bodies without bringing scientists with us, whether it's on international tuna or salmon or cod or any of those bodies. They're called regional fisheries management organizations, whether it's NAFA or ICAT or any of them, always we will bring -- all of them are -- have a component that is science-driven that allows us to start managing the fisheries in the international waters in a way that is science-based. But I will turn it over to David, who has much more experience in this.
- MR. BEVAN: Yes. Certainly there are scientific counsels in all of those bodies. Those bodies have changed, as well.

As noted by Paul Sprout, in the past science

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was much more of a separate entity within the department. Fish managers had a tendency to put pressure on them to find out how much fish can I kill today, kind of thing in order to achieve the goals they had of maximizing the harvesting opportunities, and that is now completely changed. They're much more transparent and as noted by Paul, involved and that involvement includes involvement in the directions set for RFMOs, Regional Fish Management Organizations. those cases science is with us as a major player in the RFMO and they're part of the process of moving the RFMOs away from that old culture, as well, of how much fish can we get an opportunity to harvest, to a much more complex and ecosystembased approach. So I note, as well, that science, in terms of the fisheries renewal, was a partner with the fisheries and aquaculture management sector and now is partner with the ADM of programming or programs. They worked to set up the components of the fisheries renewal policy such as the sustainable fisheries framework, vulnerable marine ecosystem policies, policies on bycatch that are now under development, et cetera. So there's much more integrated process. Before it was, as I said, people asking questions of science and hoping to get an answer and asking questions sometimes that were unanswerable. Now working at the outset with science to develop the right kind of approaches to managing the ecosystem and certainly managing the fisheries and aquaculture activities within that ecosystem, and it goes, as I said, both domestically and internationally with some regional fish management organizations doing quite well in that regard and I would point to our experiences on NAFO and certainly the Pacific Salmon Treaty, the Halibut Treaty and the Tuna Treaties with the U.S., United States, is -- are examples where progress is being

- Do any of the other panel members want to add anything about the international aspect of science in fisheries?
- MR. SPROUT: Briefly, I could just give a Pacific context, so I'll mention one treaty arrangement. That's the Pacific Salmon Treaty between Canada and the United States. Okay. That -- that treaty

arrangement has a series of panels and a commission. Associated with the panels and the commission are technical committees. Each of those technical committees on the Canadian side is led by a Canadian scientist. That committee, when they're bilateral, they have a -- there's an American scientist. Each of those committees led by a Canadian or -- led by both Canadian and American scientists, report to the panels or to the commission and provide advice to the panel or commission, analysis, synthesis or -- in support of the Pacific Salmon Treaty.

And so on the Canadian side, we have a very robust system where our scientists participate actively throughout the committee processes and actually lead the committees as I've noted.

- Q All right. Ms. Farlinger or Mr. Macgillivray, anything you want to add on international work that fisheries scientists have or engagements?
- MS. FARLINGER: I guess the other couple of things I might point out is the North Pacific Anadromous Fish Commission where our scientists work with scientists around the Pacific Rim and specifically focused on salmon. In addition, of course, we participate in other international agreements like the -- we have an agreement on the West Coast regarding tuna management with U.S. and we also have an agreement and a commission regarding halibut management on the West Coast. In all of those scientists are an integral factor in the -- in the actual system.
- You mention the committee that is member countries from around the Pacific Rim dealing with science. Can you give more concrete example of what is done by fisheries with other countries on that committee or commission?
- MS. FARLINGER: Well, I suspect that some of the detail on the science may well be best dealt with -- Q Okay.
- MS. FARLINGER: -- by the science folks, but there is both an enforcement component where there is collaborative enforcement on the high seas between the participating countries, and then there also is a significant science component to the work there. Looking for the most part at the life cycle issues for -- that pertain to salmon that originate in each of the countries as they -- in

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that part of their life cycle that takes place on the high seas.

- All right. I just want to follow up on question and answer three of you, Ms. Farlinger, Mr. Bevan and Mr. Sprout gave earlier, that you have your university degrees in science and I'll start with Ms. Farlinger. Am I correct that you first came into Fisheries decades ago as a scientist and then have moved into various parts of the department and are now the regional director here in the Pacific Region?
- MS. FARLINGER: That's true. My first five years working at DFO was at the Science Branch in ground fish and shellfish stock assessment.
- Q And Mr. Sprout, is it also the case with you that you started with Fisheries decades ago as a scientist and then moved into various parts and ultimately regional director?
- MR. SPROUT: This may be a fine point, but I started as a biologist.
- Q All right.

- MR. SPROUT: Just to be technically correct. I was a management biologist. So I did stock assessment, I did a lot of the work that science was doing, but in those days it was called -- I was called a management biologist.
- Q All right. Thank you. And Mr. Bevan, you're -- I know you gave Mr. Wallace some evidence on this, but very briefly, what did you come in as and then ultimately, you are now the associate deputy?
- MR. BEVAN: I came in as supervisor of fish inspection. We were inspecting food processing plants that process fish.
- Q All right. Did you work in science in the department at one point?
- MR. BEVAN: It was a science-based program in that they transited from looking at quality to looking at use of laboratory results and other technical evaluations in assessing the safety of food. So I didn't do what would be called science and certainly didn't do science relevant to stock assessments, but rather used my background to assess risks posed by various processing operations or handling practices relevant to food safety.
- Q Right. Various members of the panel earlier have given some evidence about the biggest changes in

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the priorities and shifting priorities that the department has seen and made over the last two and 3 a half decades ago and there is mention made of moving from a species-based approach to ecosystem-5 based and an increase in consultative processes 6 with any number of stakeholders and moving to more 7 transparency, as I heard you, is there anything 8 more that you, Deputy, want to say about the 9 change in priorities and where that has taken and 10 is taking the department under your leadership? 11 MS. DANSEREAU: The notion of moving towards ecosystems 12 management is not new to people outside of the 13 department. But I think it is now finally being 14 really well-grounded, based on all the good work 15 that people like Sue and David and Paul have done over the years, as well as Wendy Watson-Wright and 16 17 others, they've laid the groundwork for us to 18 start to truly be ecosystems managers and the time 19 is right and we are there now. And the notion of 20 transparency, we are a very transparent 21 department. We are in a time when consultation is 22 not necessarily easy to do in the federal system. 23 Our department is in consultation on something 24 every single day. All of our decisions are based 25 on consultation. We call our peer review includes 26 stakeholders and not simply scientists, so we are 27 a very consultative department. We are a very 28 transparent department. The decisions that the 29 minister makes are very transparent. So I think 30 the way that I am able to support the minister in 31 her decision-making, my ability to do that depends 32 very much on the fact that the department is 33 moving towards ecosystems management and, with 34 greater transparency, with all of the parts of the 35 decision having been well-aired before it reaches 36 my desk and the integration that we have been 37 moving towards in the regions we're now 38 consolidating in Ottawa and that makes my ability 39 to advise the minister much greater because I know 40 that I can then say I have really probed this 41 recommendation throughout its development and I am 42 comfortable in making the recommendation that I'm 43 making because we have an integrated approach to 44 how we make the -- provide that advice. So I'm 45 not sure if that adds to a better understanding of 46 how the department actually -- all the parts of 47 the department, in fact, need to work together to

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 reach better conclusions and to reach better decisions.

The integrated approach and the consultation that we do, I think, adds -- is part of the richness of the department and is iterative in the sense that the fact that we are so consultative both internally and externally and we have a solid or are working towards a solid governance structure that really informs decision-making, then provides greater assistance, I think -- well, provides it certainly to the minister, but also to the regions because the regions benefit from the knowledge and the expertise that they can get from the rest of the country.

So there's -- we hope to be able to convey that there's a real dynamism. We really are a dynamic department and constantly questioning everything that comes across our desk and making -- and probing and pushing and making sure that we have the right information with which to make our decisions. We are definitely not perfect. We do recognize that we live in an uncertain world and we need to make sure that we have as many facts as possible within that structure.

So in that way we provide the minister with the advice we think that can lead to good, solid, defensible decisions.

- Q All right. Thank you.
- THE COMMISSIONER: Mr. Taylor, I wonder if -- I apologize for interrupting your examination. I wonder if you could just have the panel, any member of the panel who would like to, enlighten me on the meaning of being an ecosystem manager and where within the legislative jurisdiction of this department that context, concept or definition exists?
- MR. TAYLOR: That can be taken as a question. Who wants to pick it up?
- MS. DANSEREAU: It's an approach to managing, and I will let the others speak to this, but it's an approach to managing that we believe will better protect the fish and the other species within, so within any ecosystem. But David...?
- MR. BEVAN: Clearly, Mr. Commissioner, we can't manage an ecosystem. We don't have the knowledge to do that and we don't have the controls that would allow us to change the outcomes from an ecosystem

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point of view. What we do need to do is manage fisheries, manage aquaculture, manage our habitat programs, taking into consideration the broader ecosystem. And ignoring productivity or ignoring whatever stock may be at a particular level, but ignoring the context that stock lives in, in the ocean is risky.

So to manage our risks, we need to consider the state of the ecosystem and the impacts of the ecosystem on the activity we're managing and vice versa, the impact of the activity on the ecosystem. It's not covered off explicitly in our documents except -- our legislation except perhaps for the *Oceans Act* but it is implicit in that if the minister is going to make decisions about who gets the fish, there has to be fish there to catch and there have to be -- there to catch, there has to be stocks that have a harvestable surplus and that they're being managed in the context of the ecosystem that they rely on such that we don't simplify those populations, leave them more vulnerable to external ecosystem shocks, et cetera, and the same with our aquaculture activities. We need to ensure that those activities are conducted so as not to permanently alter the ecosystem or to put the ecosystem in a position where other activities can't be supported, such as fishing or such as -- as ecotourism, et cetera, in the case of other activities. So it's -- it's not that we're trying to manage ecosystems. We're trying to do -manage the other activities that we have legislative responsibility for in the context of where they're situated within an ecosystem. And clearly, we don't have all the answers.

We don't know the details of how each ecosystem works and people say it's not rocket science and it isn't. It's way more complex. Rocket science is Newtonian physics. You have --you have an equal and opposite reaction and so on and we have a situation where the web is so complex it is very difficult to understand; therefore, you can't push it. You can't take huge risks with it. You've got to be cautious and you've got to understand that you don't know. And I think that's one of the huge issues in the past, we assumed we knew. We assumed we knew how much fish was there. We assumed we knew that if you've

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harvested at a particular fishing mortality, the fish could be maintained at maximum sustainable yield. And that presupposes a stable state in the ecosystem, so we assumed the ecosystem was stable, constant, and the only variable that we needed to control was the fish harvesting and we assumed, as I said, that we knew with some degree of certainty the population. And we didn't know the population with that level of certainty and we certainly didn't understand how that population was reacting in the ecosystem and we've paid the price for that hubris.

Deputy...?

- MS. DANSEREAU: If I may add, if I used the words inappropriately, I apologize, but for me, what it means is that we need to organize ourselves as a department in such a way that the ecosystem is, in fact, considered in the decisions that we're making and so gone are the days when we manage, as you've heard others say, simply manage the fish, thinking that we knew exactly how to manage it but now the way that the department is organized, the people that are making habitat decisions are in the same sector as the people making species at risk recommendations, in the same sector as the people that are making recommendations around fisheries, so that there is a conversation and all of which is based on science that has the ecosystem as a fundamental decision-making piece within it.
 - Q Does any other panel member want to add anything or answer the question that the commissioner had. Ms. Farlinger?
- MS. FARLINGER: Just in response to the source documents, Mr. Bevan made some reference to it, but I think fundamentally you'll see the science, the policy, and the legislation to some degree that supports the department evolving along with the evolving science, and I think that we began to see in the '50s and '60s as a scientific community that fish stocks could collapse. I think before that, there may have been a more general understanding which was incorrect about that. And then we went through a series of science, I think, a series of evolutions in science that started to look at biological systems as systems and we began to see a reflection of that in our policy. In the

1990s on the Atlantic Coast there was the development of an Atlantic Fisheries policy. On the West Coast there was a development of a New Directions policy which has been referred to earlier.

At the same time the *Oceans Act* came into being and the *Oceans Act* very specifically mandates an integrated ecosystem-based approach to how ocean activities are managed. And it also sets out the department to lead and coordinate those activities and so it follows, not surprisingly, that our own activities would have to fall in line with those ecosystem and integrated management parameters that are set out in the Oceans Act. And if you, in fact, follow those two policy examples I talked about on the East Coast and the West Coast and then the Oceans Act directives for ecosystem and integrated management added into those, then you see the evolution of what we currently call our sustainable fisheries framework, which explicitly looks at policies that take ecosystem type considerations into account.

For example, we say that when we're managing a fishery, we're going to look at bycatch, which is simply fish that are caught by accident in a fishery. And we will manage a fishery to reduce the ecosystem impacts, whether it is bycatch or whether, for example, it's benthic impacts on the bottom of the ocean, so we have evolved into this sustainable fisheries framework that reflects those basic attempts to start to codify policies in the '90s as a result of the evolving science and what we were seeing on the ground and then the addition of the *Oceans Act* with very explicit directions about founding our work on ecosystem basis.

- Q One of the things you seem to be saying or suggesting, Ms. Farlinger, is that while we frequently talk about the *Fisheries Act*, you're saying operationally the *Oceans Act* is a very important legislative framework and document for you, as well; is that right?
- MS. FARLINGER: That's true. And it's certainly a reflection, as I've said, of the evolving science.
- Q Just on that, and asking you from an operational standpoint, I'm not asking you to answer any

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question of law, but where operationally does the 1 department see the ocean coming to? How -- where 3 does the ocean stop, as you get towards shore? 4 Does it include the straits or not? Are they 5 covered by the Oceans Act? 6 MS. FARLINGER: The Strait of Georgia, you mean? 7 Yes, or Hecate Strait. 8 MS. FARLINGER: Yes, they're part of the ocean in the 9 view of the department, yes. 10 All right. 11 MS. FARLINGER: Marine water, saltwater, I think, is 12 the -- versus freshwater. 13 So as a working definition, is it the case that if 14 it's saltwater, it's an ocean? 15 MS. FARLINGER: I'm not sure I want to declare any points of law, as you said, but certainly that's a 16 17 working operational understanding we have. 18 MR. TAYLOR: All right. Now, I see it's four o'clock. 19 Do you want me to stop now? 20 THE COMMISSIONER: Is it a convenient place for you to 21 stop or do you have...? 22 MR. WALLACE: Mr. Commissioner, I have some concern 23 about time tomorrow. How much longer do you think 24 you would be, Mr. Taylor? 25 MR. TAYLOR: I can understand why Mr. Wallace is 26 standing. I said 40 minutes and I've been 35 27 minutes, I think. And I'm looking at half an 28 hour. 29 THE COMMISSIONER: Would that inconvenience commission 30 counsel or other counsel if we let Mr. Taylor 31 complete if, in fact, his estimate is correct? 32 MR. WALLACE: Mr. Commissioner, that would be my 33 preference, just to give us some flexibility 34 tomorrow. 35 THE COMMISSIONER: Then we'll go to 4:30. Is that 36 convenient for all counsel? 37 It's fine by me. MR. TAYLOR: 38 THE COMMISSIONER: All right. 39 MR. TAYLOR: 40 Mr. Macgillivray, I'll put this question to you. 41 One of the panel members, I don't remember which 42

> MR. MACGILLIVRAY: Yes.

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Can you elaborate and say what that's about and when was that arising and where did it lead to?

You're

one, mentioned concerns about Coho.

familiar with that, are you?

MR. MACGILLIVRAY: The particular concern, I think,

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that was raised earlier was in the mid-1990s Coho populations in the Fraser River and the Skeena River in particular were at low levels. The response was -- was at the time, I think it was put in place 1998, severe restrictions on any catch of Coho in particular from those two rivers that I mentioned, which resulted really in a very big change in the operation of many fisheries, given the wide distribution of Coho and throughout the summer, when other fisheries were normally taking place.

Concerns for Coho conservation resulted in fishing restrictions for First Nations, commercial and recreational fisheries in a lot of British Columbia.

- Q Did that include the Fraser River?
- MR. MACGILLIVRAY: Yes, it did.
- Q And did those concerns over Coho and then the restrictions that you've noted that were put in place, did they lead to any kind of change in approach or attitudinal change to fisheries management?
- MR. MACGILLIVRAY: Yes, they certainly did. When I spoke earlier about policy changes in the late 1990s and then in subsequent years, I link a lot of the impetus for those changes back to a decision to protect the Coho stocks in the late 1990s, so for example, selective fishing policy really emerged from the Coho problems in the late 1990s and I think I spoke about that a little bit earlier. That really determined -- avoiding Coho and making Coho conservation problems worse was a key objective that resulted in changes in the way that a whole range of fisheries occurred.
- Now, about the same time, the document called New Direction came into play, did it?
- MR. MACGILLIVRAY: Yes, that's right. That came into play in October of 1998.
- And that's Exhibit 32 that was marked recently that Mr. Rosenbloom no doubt will question on tomorrow. He's interested in it. Can you, in an overview way, tell us what is the *New Directions* policy and what did it lead to?
- MR. MACGILLIVRAY: The New Direction policy, described briefly earlier, but it contained 12 principles that were intended to provide direction to how Pacific salmon fisheries would be managed.

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Q These are the 12 principles under the three headings that you spoke of before?

MR. MACGILLIVRAY: Yes, that's right. The three themes or headings were conservation, sustainable use and improved decision-making. Each of those principles provided some practical guidance on how to make decisions associated with Pacific salmon fisheries management. So at the overall level, that provided some general direction, but also as part of that policy there was a commitment to more clearly articulate detailed operational policies associated with these three themes. So, for example, under the heading of Conservation, there was a commitment to develop what became the Wild Salmon Policy which again, the theme of more clearly articulating what the objectives are, so the Wild Salmon Policy developed into a description of conservation units and many other aspects, but the real gist of it is to more clearly define what conservation means and what specific conservation objectives would be for Pacific salmon.

Other aspects or other detailed policies that were committed to in that overall New Direction paper included selective fishing, identifying a selective fishing policy. Other aspects were an allocation policy, so more clearly identifying allocation guidelines that would respect First Nations rights and priorities and go beyond that to identify portions of the available catch after conservation and after First Nations harvests that would be shared between commercial and recreational harvesters.

There was also a commitment to develop an operational paper on reforming the consultative process. So those are the four aspects of detailed policy that I can recall that were committed to in this more general New Directions paper from October of 1998.

- Q Then the Wild Salmon Policy came into play in 2005, correct?
- A That's right.
- MR. TAYLOR: And that's Exhibit 8, Mr. Commissioner.
- Q And how does it fit into all of this, and specifically the New Directions?
- MR. MACGILLIVRAY: The link, as I said, is the New Directions paper from 1998 provided a series of

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principles and also a commitment to follow up and provide much more detail on each of those three themes of conservation, sustainable use and improved decision-making. The Wild Salmon Policy was committed to as a policy, a more detailed policy that would follow New Directions and more clearly articulate conservation objectives for Pacific salmon.

- Q All right. Now, about a month or so from now on December 18th and I'll ask -- I'll put this question to the Deputy, Canada, within British Columbia will assume responsibility for aquaculture and first on that, just to be clear, is it correct that it's only in British Columbia that that change is happening?
- MS. DANSEREAU: Yes.

- Q And can you, in an overview way, say what DFO has done and is doing to prepare for that change of regime where Canada will assume responsibility for aquaculture management and regulation in British Columbia rather than the province doing it?
- MS. DANSEREAU: Yes, certainly. And first let me say that it's -- will continue to be in some ways a shared responsibility because the province retains some responsibility both for leasing and for some of the substrate management. So the parts of the -- of aquaculture that are deemed to be the fishery, i.e., the fish in the water, will become the responsibility of the federal government, but some of the other functions still rest with the province and we are working with the province to establish a memorandum of understanding to fully define what the differences are between the two levels of government. We have been diligently working at making sure that we are ready for December 18th and that requires us to first of all post for consultation on Canada Gazette I the regulation because we will have to manage this program under a regulation, so we have posted -we've done a series of consultations across the province with many levels for many months. We have then written a regulation which was posted on Canada Gazette I and we are now analyzing the consultative product from that posting.

We will also then be -- we are in consultation at the moment for licence conditions, because we will have to attach licence conditions

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to each of the fish farms. As we do in any other fishery, all of our fisheries are managed according to licence conditions. Again, this will be by attaching them to the licence with the companies.

We're also, of course, having to organize ourselves staff-wise. We will have to hire people and so we're in that process now and putting into place both the organizational structure that will be required to manage these new sets of programs and to be ready for December 18th. And we have no choice. We will be ready.

- MR. TAYLOR: All right. Yes, and just to be clear, Mr. Commissioner, you're probably aware of this, but that's a court-ordered date, so there isn't any flexibility in it. It will happen on December 18th by law and you're familiar with the *Morton* (phonetic) decision, of course, but that's the date that comes into play.
- Ms. Farlinger, as the regional director general, you will be the one tasked and charged with operationalizing this. Is there anything that you want to add as to what's been done within the region to be ready for December 18th, how you're going to go about operationalizing this new responsibility?
- MS. FARLINGER: In addition to the steps that the deputy described in the development of the regulation, we've been also working in terms of staffing at developing the monitoring capacity. One of the significant issues that had been raised in that decision and has been a commitment of DFO is transparency in terms of managing that fishery, so another piece of work we've been doing is developing clear conditions for the industry in terms of reporting and also the structures we will be building are and will continue to build internally to make the information that we do collect in terms of regulating a -- both the shellfish aquaculture and the fin fish aquaculture available to the public in B.C.

We have, of course, been making sure we have places to put those folks, making sure that they are trained, so that December the 18th they will be able to work both with the industry and begin to develop the sort of consultative structures that will likely in very many ways mirror what we

see in the wild fisheries.

- Now, on the wild salmon policy, and I'm not going to ask you about the details, Ms. Farlinger, and it is a topic that will be a week's worth of evidence before this commission in about two weeks and you, yourself, will be one of the people, I understand, giving evidence, but for now, and looking at it in the context of departmental structure and organization, can you in an overview and departmental structural sort of way say what has been done is being done and will be done to implement the Wild Salmon Policy?
- MS. FARLINGER: To implement the Wild Salmon Policy writ large or with respect to aquaculture?

 Q Writ large.
- MS. FARLINGER: The work that has been done to date on —— to implement the Wild Salmon Policy essentially follows the five strategies and the sub-elements that are set out in terms of the Wild Salmon Policy. While each of those —— sorry, six strategies. Each of those strategies have been developed in some measure. There is work that can be done in parallel in those strategies and then there is also work that's required to be done sequentially.

I'll try and clarify that. For example, if we are to develop standards and indicators for specific conservation units, we need to know where those conservation units are, what the definition of them is. We have done that. We have developed the methodology in the Science Branch to take a look at how best we can establish those indicators, whether in the case of stock status, their limit reference points, or in the case of habitat we have developed a suite of indicators for that.

In Strategy 4, and I'm just picking a few examples here, we have pilots ongoing for integrated watershed multi-stakeholder groups to take a look at the information that is available on stock status, habitat status, ecosystem status in watersheds to begin to discuss and finalize what those conservation units will be, what the status is and what kind of considerations need to be taken in terms of recommendations to the minister about how the Wild Salmon Policy is actually implemented, that is, how we use it to

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manage harvest, how we use it to determine how we use enhancement facilities, how we use it to manage habitat on a local level.

Also, as part of managing salmon since the Wild Salmon Policy operationally we have integrated the principles of the Wild Salmon Policy into decision-making at all levels of the I will just simply say that we have organization. enjoyed having a policy framework to which we can make reference when there is a need to make decisions with the input from stakeholders. so some examples of that may be, for example, reducing the harvest rate on Skeena sockeye from what was historically above 40 percent to currently a rate that ranges from 20 to 30 percent, depending on the abundance of fish and other factors. I'll try not to get too technical here.

But is simply having the policy framework and the principles that are provided to us by the Wild Salmon Policy that allows us to take day-to-day and year-to-year operational decisions in the context of that policy.

- All right. Thank you. Now, I want to ask a couple of questions about Slide 17 in the presentation that was made earlier which is Exhibit 15. Slide 17 - and thank you, Mr. Lunn, if you're bringing it up - spoke to some relationships and partnerships that exist between Fisheries and others in your work and one of those is the Pacific Salmon Commission and it's referred to at the bottom of that slide. There is going to be evidence next week from the Pacific Salmon Commission what they say the Pacific Salmon Commission is all about and so forth, but from a Fisheries standpoint, briefly what is the role and relationship as between Fisheries and the Pacific Salmon Commission, Fisheries and Oceans, and who does what? Who wants to, on the panel, answer that?
- MS. FARLINGER: The Fraser River panel focuses on updating and establishing the run size of -- with respect to Fraser sockeye in season, and it does this on the basis of the arrangements in the treaty which set out allocations between Canada and the U.S. and various details around that. In terms of the role of each country, each country

then goes away to implement the domestic management component of those decisions that are made by the Fraser River panel in season.

DFO contributes information and data to the commission which then prepares the information for the panel, as does the U.S.

- The commission has commissioners, correct? And without getting into names, who are they and where do they come from?
- MS. FARLINGER: The commissioners come from -- on each side, on the American side and the Canadian side, first of all from the agency responsible for the management of the salmon and also from First Nations and stakeholder groups. In -- we often, the minister will often take recommendations from the province or from stakeholders in terms of appointing new commissioners when commissioners retire, but in general they come from First Nations and stakeholder groups.
 - How many commissioners are there?
- MS. FARLINGER: There are four commissioners on each side -- well, eight.
- Q All right. Eight --
- MS. FARLINGER: Actually, I'm going to defer. Just a moment.
- Q Mr. Macgillivray can answer if he wants.
- MS. FARLINGER: Okay. Sorry, four commissioners and four alternates on each side. I have just been formally to my first commission meeting, so I must -- I must say that there are some details I have to rely on my --
- Q Are you one of the commissioners now?
- MS. FARLINGER: I am, yes.
- Q And that's because of your role as regional director general, is it?
- MS. FARLINGER: That is, yes.
- Q So each side has four commissioners plus four alternates?
- MS. FARLINGER: Yes.
 - Q What's the role of an alternate?
- MS. FARLINGER: The role of an alternate is to fill in for a commissioner when they're not available.
- Q All right. So full sitting is eight, is it?
- 44 MS. FARLINGER: That's right.
- And of the four Canadian commissioners, where do they come from? Where are they drawn from? You've mentioned a number of different groups and

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you're one. Is there more than one Fisheries official as a commissioner?

- MS. FARLINGER: The other commissioners at the moment, there is one commissioner who has -- is -- has been put forward by the province. This is an individual who's had a good deal of experience in fisheries, both in the commercial and recreational side. There is a commissioner from the Fraser River First Nations. There is a commissioner from -- an incoming commissioner from the Pacific Salmon Foundation. I'm going to defer to Mr. Macgillivray here.
- MR. WALLACE: Excuse me for rising, Mr. Commissioner, but Ms. Farlinger, all of this will be before the commission next week. I understood this questioning to be the DFO perspective on the salmon commission. Now we're getting into its makeup which is what we have three days set aside for.
- MR. TAYLOR: Well, I don't need to pursue it. That's fine. And I note that we're approaching the bottom of the hour.
- Q Let me move to a question of the deputy then. There's been some evidence of a think tank that happened organized by SFU, Simon Fraser University in December of '09 and then another one in March of 2010; you're familiar with those, are you, Deputy?
- MS. DANSEREAU: Yes, I am.
- Q And did Fisheries scientists attend those?
- MS. DANSEREAU: We were not participants and I think we -- some of our participants went as observers, but not as participants, none of our scientists went, and it was in part my decision that we not participate at that time because the commission of inquiry was getting started and we wanted to make sure that we focused our energies on this commission rather than on others.
- Q All right. And then there was a symposium that the Pacific Salmon Commission held in June of this year; is that correct?
- MS. DANSEREAU: Yes.
- Q And did Fisheries scientists participate in that? MS. DANSEREAU: Yes.
- Q Is there a position or protocol within the Department of Fisheries and Oceans on scientists attending symposiums or conferences or other

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outside meetings?

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46 47 MS. DANSEREAU: There is and there isn't. If a symposium is generally within a scientist's work plan, then I certainly would not get involved. This was a particular case because there were other issues happening and we wanted to make sure that we were focused on our priorities.

There is some discussion around the role of scientists in the international fora as we talked about earlier, and I have been working very hard at making sure that all of our activities internationally are done within a plan and within established priorities and that we don't have people going off without it being somehow within some kind of work plan. Either it's a developmental opportunity for the scientist or it's because their work priorities require that they attend. There are any number of conferences and symposia happening internationally which is true for our scientists as much as it is for some of our policy thinkers and so we need to put some -- I need to have some way of managing the attendance at those, but not because of the -necessarily the content, but much more about work planning.

- All right. There is mention earlier of a commission or committee that is made up of Pacific Rim country memberships. You remember that committee, do you? There's a conference of that group happening now, isn't there? Ms. Farlinger can answer, it looks like.
- MS. FARLINGER: Yes. There is a meeting associated with the North -- North Pacific Anadromous Fish Commission now.
- Q And is there DFO scientists at that?
- MS. FARLINGER: Yes.
- Q That's in Korea, is it?
- MS. FARLINGER: Yes.
 - Q And that's an important international conference and body, is it?
 - MS. FARLINGER: Yes, it is, and it's part of our ongoing work on salmon. Yes.
 - MR. TAYLOR: All right. Thank you very much.

 Mr. Commissioner, before I sit down, I don't
 believe that the witnesses are going to be under
 cross-examination at the end of today, but I'll
 take your direction on that and what you choose to

say to the witnesses and secondly, I am -- I do intend to pass -- I have passed to Mr. Wallace and intend that the Executive Summary to the first exhibit put in today, I think it might be Exhibit 15, but that 300-page document was put in and I do intend that the Executive Summary to that go in as an exhibit and I will be speaking with Mr. Wallace trying to get that operationalized, if you like, into the computers and have that done.

THE COMMISSIONER: Thank you very much, Mr. Taylor. MR. TAYLOR: Thank you. It's Exhibit 14 apparently. THE COMMISSIONER: Thank you.

MR. WALLACE: Mr. Commissioner, before we rise, I just would like to take -- while everybody's here, before you leave and I lose control, I would ask counsel to provide me with their time estimates for their examinations of this panel tomorrow and I would say that we have asked our staff to email the New Directions document to participants so that they can review it overnight.

THE COMMISSIONER: Thank you, Mr. Wallace. I just have a couple of matters I wanted to raise with counsel. First of all, just to echo Mr. Wallace's comment if counsel could just provide him with your time estimates, we will have tomorrow and I understand tomorrow only for this panel, so that everybody gets a fair opportunity to ask their questions, if you would ensure that you're all able to carve up the time available to make sure there's a fair opportunity for each counsel who wishes to ask questions to get that opportunity. Otherwise, they're going to miss out on that opportunity and I don't want you to do so, so please cooperate with Mr. Wallace this evening and ensure that tomorrow is productively used by dividing it up amongst you in terms of the time estimates.

I want to thank the panel for their availability today and I understand tomorrow, as well. I -- and Mr. Taylor mentioned it, members of the panel, and I can tell you that -- I apologize to you for turning my shoulder to you. It's just an awkward way of addressing you with this microphone, but I have asked -- I've invited and respectfully asked those who are under cross-examination to not discuss their evidence with any person until that examination has been concluded.

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You're not officially under cross-examination, but I wanted you to know what my practice is. incorporated that practice from my experience in trials because I think it's a fair practice to respectfully request witnesses to do that, but I'll let you exercise your judgment in that regard.

With respect to staying longer today, I overlooked asking my staff here, including Mr. Registrar, Mr. Lunn and Madam Reporter if it was convenient to stay longer. I won't overlook that again because I know everybody at times has commitments and they bank on the matters adjourning when we say they're going to adjourn, so I'm grateful that you were able to do so and I'm grateful to all counsel for allowing Mr. Taylor, who is obviously counsel for these parties as members of his client to complete his examination today.

So we'll adjourn then until ten o'clock tomorrow morning. Thank you all very much. THE REGISTRAR: The hearing is now adjourned until ten o'clock tomorrow morning.

> (PROCEEDINGS ADJOURNED TO NOVEMBER 2, 2010 AT 10:00 A.M.)

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Susan Osborne